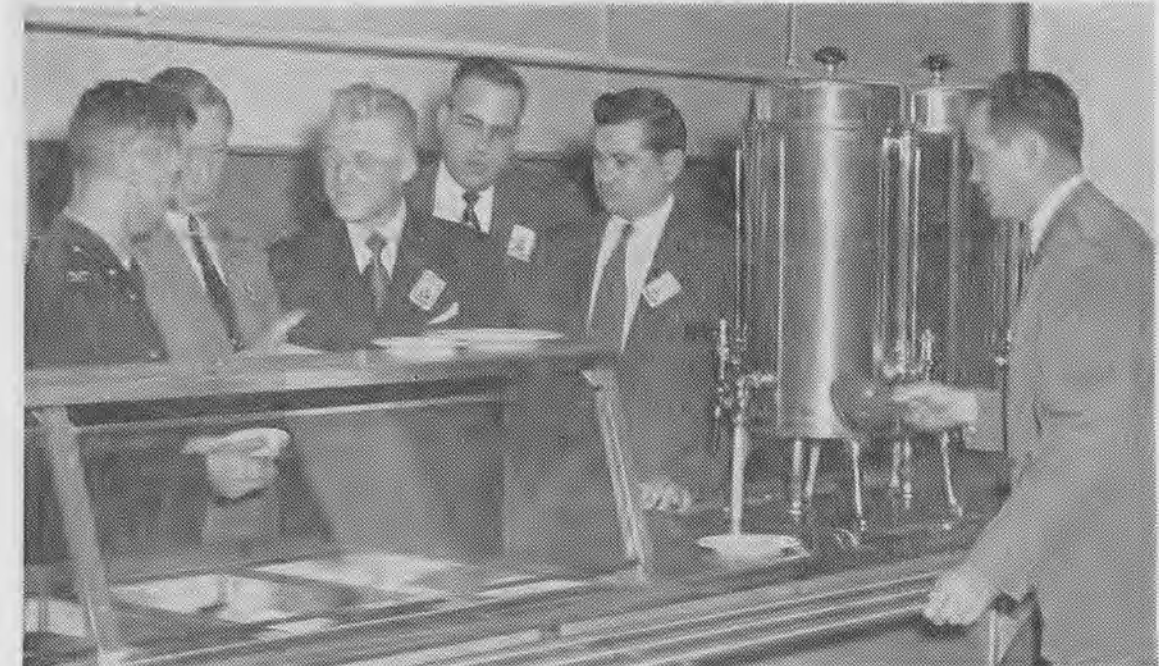


New Cafeteria Unit Installed In Load Line One



JOSEPH JOHNSON, Akron, first employee to buy a meal in the new Line One Cafeteria, is shown above receiving his plate of hot food from Iolene Bryner, Newton Falls, cafeteria attendant. Other "first" employees are, left to right, Allan Gilbert, Warren; Harrison Dawson, Youngstown; W. R. Merrel, Kent; and Ann Brown, Youngstown.

Arsenal Officials Visit New Load Line Cafeteria



MODERN PLASTIC dishes and food serving equipment, now being used in the new cafeteria on Load Line One, were examined by Arsenal officials prior to the opening of the cafeteria. Discussing the plastic dishes are, left to right, Col. C. K. Allen, Commanding Officer; Murray Dickey, Nation Wide Food Service Manager; Paul Borda, RAI General Manager; W. J. Fogarty, Industrial Relations Manager; A. C. Szabo, Engineering Department; and G. R. Sanders, Line Superintendent.

Women's Bowling

TEAM	W.	L.	Pct.
Bandads	27	9	.750
Recordettes	22	14	.611
Old Timers	21	15	.583
Elements	19	17	.528
Circlettes	19	17	.528
Post Etties	15	21	.417
Motor Pool	11	25	.306
Pleasant Valley	10	26	.278

Individual high scores for the three - week period ending December 18 are as follows: High singles — Dorothy Horning, 168; Chice Yaw 124, Rosemary Bailey 174. High series — B. Koran 437, Ann Matmone 467, Rosemary Bailey 450.

Arsenal Women's League bowling scores for December 4 are: Elements 2, Circlettes 1; Old Timers 2, Recordettes 1; Bandads 2, Pleasant Valley 1; Post-Etties 2, Motor Pool 1.

For December 11 — Post-Etties 2, Pleasant Valley 1; Recordettes 2, Circlettes 1; Old Timers 2, Elements 1; Bandads 3, Motor Pool 0.

For December 18 — Elements 2, Bandads 1; Recordettes 2, Post-Etties 1; Circlettes 2, Pleasant Valley 1; Old Timers 3, Motor Pool 0.

Time works for you when you save with RAI Payroll Savings.

Employees Need Rides To Arsenal

The following employees need transportation to and from the Arsenal. Employees who are willing to carry any of the listed employees should contact the Industrial Services Share-The-Ride office on Extension 411.

Any other employees who desire to share driving or can carry additional passengers, should contact the same office so that arrangements can be made to help them.

EMPLOYEES needing rides are: Estelle and Carol Kenney, 204 Main St., Mantua, second shift; Dennis Jorden, Braceville, first shift; H. Williams, North St., Warren, first shift; Russell Pinto, Leavittsburg, second shift; Isaac Kenney, Erwin St., N.E., Canton, first shift.

Also Fred Stamper, Rt. 80 Esworth Rd., Ravenna, third shift, Nela King, Windham Project, second shift; Raymond Hamilton, Brady Lake, third shift; James Stemple, Newton Falls, third shift; Emory Gantlin, 1015 1/2 Thompson Ct., Canton, second shift.

Lines Two, Three And Bolton Barn To Have New Facilities

First of the new modern cafeteria units for the Load Line Cafeterias and Bolton Barn, has been installed in Building CB-23, Load Line One.

Cafeterias in other Arsenal work areas will also be re-designed and modernized, RAI officials stated.

Line One employees are now eating a very appetizing lunch in a pleasant atmosphere. Plastic dishes and stainless steel utensils add much to the enjoyment.

New chairs and tables, each seating six people, have also been added. Employees now have more time to eat lunch since the new unit reduces serving time.

EMPLOYEES are urged to guard against loss and breakage of the stainless steel utensils and plastic dinner ware, so that there will be enough for everyone. There is a shortage of these materials and they are hard to replace.

This modern cafeteria unit includes a stainless steel serving counter and steam table, and semi-automatic dish washer, restaurant size refrigerator and two five-gallon self-serving coffee urns.

The daily menu at the new Line One Cafeteria consists of a hot meal — choice of two meats and potatoes, and a vegetable. A larger variety of salads and desserts — including ice cream, puddings, pie and cake, are also available.

For employees wanting just a

light lunch, there is hot soup and chili, and a larger variety of sandwiches.

M. C. Dickey, who manages the Arsenal cafeterias for Nationwide Food Service, has made it a policy to make food more nutritious and appetizing.

ON THE OPENING day of Line One Cafeteria, employees spoke favorably of the food, service and facilities.

Herman Johnson, a process inspector from Windham said, "The food looks and tastes better than it did in the old lunch room, and it should boost the morale of the employees."

Katherine Conley from Windham said, "This new cafeteria is more like home. The food and coffee tastes much better from the plastic dinner ware than it did from paper plates and cups. The stainless steel utensils are also a big improvement over wooden spoons."



A BOY, to Mr. and Mrs. William Kazimer, Newton Falls, on November 30. The new member of the Kazimer family has been named Mark Elliott. Bill is an Ordnance safety inspector.

CONGRATULATIONS to Mr. and Mrs. L. B. Coleman of Warren, on the birth of a son, Joseph Brock, on December 22. Mr. Coleman is RAI Laundry Supervisor.

OPPOSITE SEX If you want to get along with the opposite sex just remember that no lady is ever fat. She is just a little short for her weight.

Maj. Hathaway Leaves For Japan

Concluding a tour of duty that began at Ravenna Arsenal in September 1949, Major C. M. Hathaway, Jr., Operations Officer, received the good wishes of Arsenalites on December 15, his last day of duty here. He has received an overseas assignment in Japan.

Called to active duty in February 1941, Major Hathaway has been stationed at various Ordnance installations in the United States and Europe prior to assignment at Ravenna Arsenal. He spent a total of three years overseas both during and after World War II.

Initial assignments at Ravenna Arsenal for the Major included Administrative Officer and Post Restaurant Officer. He served as Operations Officer from April 1950 through March 1951 when he was again assigned as Administrative Officer. In September of this year he became Operations Officer again.

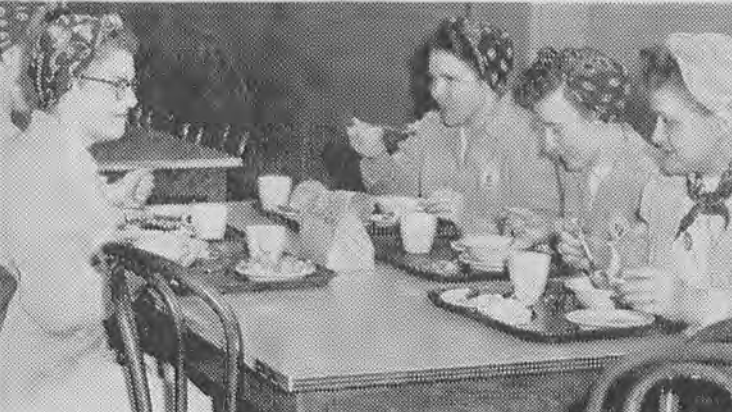
Upon leaving the Arsenal, Major Hathaway and his family will spend some time visiting in his hometown, Springfield, Ill., prior to his overseas departure the latter part of January. Major and Mrs. Hathaway have two sons, Clifford III and John.

Major Hathaway has been active in Boy Scout work and helped reactivate the Arsenal - Charlestown Troop 557 and then served as scoutmaster.

Missing Top-coat

Will the person who accidentally took a Gray Cravenette, all-wool worsted top-coat from the Recreation Building on December 13, please return it to the owner, Cobey Jenkins, Employment Department.

First Meal With Comforts Of Home



ENJOYING their first meal in the new cafeteria are a group of Load Line One employees seated at the new tables and eating from new plastic dishes. Clockwise: Mary F. Smith, Newton Falls; Helen Carpenter, New Milford; Hazel Wix, Akron; Claudia Chambers, Windham; and Mary Blake, Newton Falls.

Be Prepared--Join An
Arsenal First Aid
Training Class Now!

RAVENNA ARSENAL NEWS

Vol. 2, No. 1

RAVENNA ARSENAL, INC., APCO, OHIO

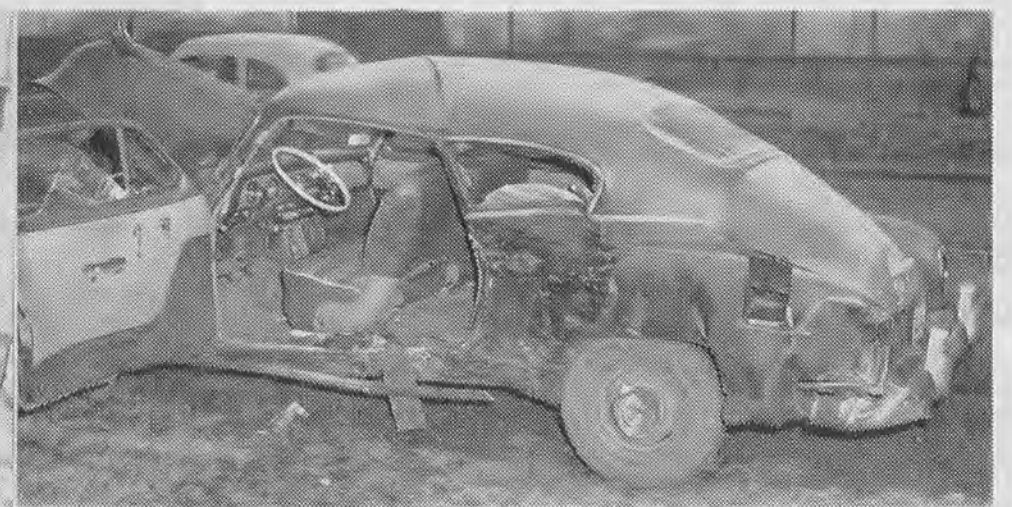
January 7, 1953

This 'Skid' Took Two Lives On Route 5



TWO WOMEN died in the wreckage of the above auto on December 15. A freezing rain had made Route 5 very slippery and two cars crashed because of a skid. THIS COULD HAPPEN TO YOU! Drive slowly and don't take chances when Old Man Winter makes the highways hazardous.

Employee's Trip Home Was Delayed



AN ARSENAL employee escaped serious injury in the above smashed car when it collided with another vehicle in front of the Main Gate on December 18. This employee was on his way home from work. THIS COULD HAPPEN TO YOU! Drive safely and sanely—your family is waiting for you at home.

RAI Firefighters Fought Windham Train Wreck Fire

Most outstanding service rendered by the RAI Fire Department in December, was during the train wreck fire near the Windham Gate.

On Saturday, December 13, 48 freight cars piled up on the Erie railroad and the fire started when a car of lampblack, buried in the wreckage of twisted steel and wooden cars, burst into flame. For three days the Windham and RAI fire-fighters battled this difficult blaze.

After the Windham Fire Department pumper had just about exhausted the water supply from the nearby brick plant, an Arsenal pumper was hooked up to a fire hydrant inside the village of Windham.

FIFTEEN hundred feet of hose was then laid — 700 feet of hose from the Arsenal pumper to the Windham pumper and 800 feet of hose (two lines) from the Windham pumper to the scene of the fire.

At 11 p.m. Sunday (December 14), the second day of the fire, the exhausted Windham firemen went home and the Arsenal firefighters took over the entire job of fighting the fire in the smashed freight cars.

During the following 15 continuous hours, RAI firefighters operated both pumps and pumped more than 300,000 gallons of water and finally got the fire under control. Windham Fire Department finished the job late Monday afternoon.

Order Blanks For 1953 Ice Follies Now Available

Order Blanks for the 1953 Ice Follies are now available at the Recreation Office, Room 15, Employment Building. The Follies will be at the Cleveland Arena from January 22 through February 1.

Employees can get discount rates on tickets for the January 22 and 26 performances. Prices are \$1.30, \$1.55 and \$1.80.

Regular price order blanks are also available. Employees can dial Extension 566 and have the blanks sent to them, or pick them up at the Recreation Office.

The Grim Reaper Rides Again!

"In case of accident or emergency, please notify..." As you read this clause on a person's employment folder or identification card, the thoughts flash through your mind. How am I going to tell the widow? Is she alone? Does she have someone with her to help absorb the shock? Are there children? Is there insurance?

How am I going to say that her husband will not be home tonight? A few hours ago this highway traveler was a healthy, living person and now he is just another name in the obituary column.

Ten times in the past year it has been someone's job to notify the next of kin that a loved one has been killed in an accident on Route 5 between the Arsenal Main Gate and Ravenna. Ten times families have endured the grief and agony of such a death.

ROUTE 5 is a good highway—it's a well-paved, two-lane road with few hills or curves. But some people have abused the privilege of using this thoroughfare by turning it into a SPEEDWAY and thus endangering their own lives, their passengers lives and the lives of the other motorists who use Route 5.

And so, with this complete disregard for the safety of other highway travelers, reckless Route 5 motorists have put the "Grim Reaper" back in business claiming human lives, injured bodies and wrecked vehicles.

His latest toll in a period of five days (December 15 to 19), is three people killed, six injured, and eight vehicles wrecked because of SPEED, CARELESSNESS, ILLEGAL PASSING AND DISREGARD FOR HAZARDOUS, WINTER ROAD CONDITIONS.

The first accident, a two-car collision three-quarters of a mile west of the Arsenal Main Gate, occurred on ice-covered Route 5 on the afternoon of December 15. One car skidded into the other and two elderly women died in the crash. The driver of the other car was seriously injured.

Later in the day, about 6:15 p.m., two people were seriously injured in a head-on crash 2.5 miles west of the Arsenal Main Gate. At this very same spot, on April 9, 1952, two Kent State University students were killed in a head-on collision.

The third accident happened right in front of the Main Gate on December 18 and involved two Arsenal employees. About 7:30 a.m., a car made a left hand turn into the Main Gate from a line of east-bound stopped vehicles. The driver of a car traveling west on Route 5 saw the car turning into the Arsenal and applied his brakes and swerved to the left to avoid hitting the car. The west-bound car then skidded out of control and crashed into the first car in the line of stopped vehicles.

The results were two injured employees and two badly wrecked automobiles. Road conditions that morning were bad—the heavy frost had made the pavement very slippery.

AND TO CLIMAX his week's activities on Route 5, the "Grim Reaper" claimed the life of an Arsenal employee late Friday afternoon, December 19. The employee died in the wreckage of his vehicle. He had pulled out onto

Route 5 from Route 80, three miles west of the Arsenal Main Gate. The employee was on his way home from work when his vehicle was hit broadside.

This is an exorbitant price to pay for speeding, carelessness and illegal passing. You can never repay a person for taking his life or for suffering he has sustained from auto accident injuries. Many times it is the reckless driver who is fatally injured!

Whenever you are tempted to speed, illegally pass another car or fail to yield the right-of-way at an intersection, THINK of all the smashed vehicles, and broken and injured human bodies you have seen at the site of an auto accident. It's a gruesome sight, isn't it?

Will you be the next victim of the "Grim Reaper" on Route 5 or any of the highways leading to the Arsenal? Drive safely and sanely, your family wants you home safe and sound each night after work.

SAFETY PAYS—ALL WAYS!

Employee First Aid Training Course To Start January 19

Red Cross First Aid training classes, for both Arsenal employees and their families, will begin January 19. Six members of the RAI Fire Department, who recently completed the first aid instructor's course, will teach the classes.

The voluntary 11 weekly classes will be held each Monday, Tuesday, Thursday and Friday from 5 to 7 p.m. and on Tuesday and Thursday from 1 to 3 p.m.

Enrollment cards can be obtained from your foreman, department manager or members of the Guard Force. The Company will provide the instructors, meeting place and

all necessary equipment, including a text book and a triangular bandage.

At the end of the 11-week course, the American Red Cross First Aid Certificate will be awarded and a letter of certification will be placed in the employee's personnel folder. Those who finish the course will be allowed to keep the textbook and bandage.

THE NATIONAL Securities Resources Board has asked the American Red Cross to assume the responsibility of educating 20,000,000 Americans in some phase of first aid work.

It was pointed out that in event of an enemy attack, one out of every five persons would need first aid training. Therefore, any individual can purchase with only 22 hours of his time, knowledge that might enable him to save the life of a friend or member of his family.

Don't wait, sign up today for first aid training that will be of great value to you at work, at home and at play. Many serious injuries have been prevented and many lives have been saved by people who have the training covered in this course.

1953 New Year's Resolution

That I will look around my job until I find —
A way to do it better —
A way to do it cheaper —
A way to make it safer —
A way to do it faster.
And then I will send my idea to the RAI Suggestion Department, like so many others have done, to add to the cash in my pocket.

News In Brief

Transportation

Mrs. Frances Hartley, chauffierette at the Main Service Garage, has been ill at home in Alliance since December 9. Milton Hartley, her husband, works for RAI Payroll.

Ordinance Staff

Letty Sicuro reports that Capt. E. A. Healy gave a very interesting talk at a recent sorority Christmas party....George Huhn, Safety has joined the RAI Safety Department. Good luck, George....Hartford Thune, George Huhn and Virgil Carpenter of Safety; John Bishop, Ernest DeGraw and Borden Horne of Surveillance; and Captain Healy, Thomas Brown and Francis Wolfe of Security recently attended an Explosive Ordnance Reconnaissance School at Lordstown Ordnance Depot....June Burkey, Operations, and husband spent the Christmas holiday with her family in Detroit....Sally Blazek, Administrative, is still on the sick list....Edna Hall, Inspection, spent her week's vacation at home making candy and preparing for Christmas....Andrew Wancik, Inspection, has returned from a two-week training course at Picatinny Arsenal....Francis Wolfe has joined the RAI Guard Force. Good luck on your new assignment....Sympathy is extended to Thomas Brown, Security, and family on the recent death of Mrs. Brown's mother.

Carroll Ruben's youngest son, Edward, has landed in Tagueau, Korea with an Air Force unit. Ed worked here before entering the service. Mr. Ruben's other son, Lieut. Carroll Jr., has been in Korea for several months and is now acting CO of an Infantry company on the front lines.

Load Line Three

December marked the completion of two years service at Ravenna Arsenal for nurses Marjorie Andriko and Betty Flegel....Winifred Henderson, superintendent's office, had her daughter, Marilyn, home for the Christmas holiday. Marilyn attends Andrew's School for Girls, Willoughby, O., and has achieved noteworthy scholastic distinction since starting in September, 1950....Among the recent transfers from Load Line Two were Ruth Cook and Loretta Herman Department 76. Before going to Line Two, they were employed in Department 87, Load Line Three.

Stores - Stock Control

Stores Stock Control Department welcomes four new clerk-typists....Nora Lee Myers, Mineral Ridge, O. graduated from Lordstown High School in 1952. She spends most of her spare time roller skating and likes horseback riding....Lois E. Lehman, Ravenna, graduated from Shalersville High School in 1949. Her husband had been stationed in Germany with the Air Force but is now on his way home. Her main pastime is dancing....Ora O. Cantor, Ravenna, graduated from Ravenna High School in 1947. Her husband is in the Army on his way to the Far East. She spends her spare time reading....David Mayton, Akron, graduated from East High School in 1947. He says football, hunting and trapping are his main sports.

Earl C. Amos spent Christmas with his family in Marietta, O....Ruth Huey went to Rossiter, Pa., to spend Christmas with her family; and Alice Gerber visited her daughter in Cuyahoga Falls for the holiday....Pat R. DeGrolamo and wife spent a week in Miami and Palm Beach, Fla. He said they had a wonderful time swimming, deep sea fishing, and watching the dog races. They also spent Christmas with Mrs. DeGrolamo's parents in Florida....Everyone from Stores Stock Control who attended the Christmas Party at Vale Edge Dairy on December 13 had a good time.

George Road Shops

Robert E. Fuehrer, Plumbing Shop, completed 10 years service at the Ravenna Arsenal in December, 1952. Bob worked for Atlas and the Government before joining RAI. He is the father of the Arsenal NEWS editor.

Depot Area

Most employees in Department 192 stayed close to home for the Christmas holiday, with the exception of Paul Hardman who visited his home near Clarksburg, W. Va., and Charlie Smith, U-10, who took off a week to spend Christmas in Alabama....Carolyn Bentz, U-12, has been absent from work for some time with virus infection, and Hester Hensley is still recuperating from a spinal injury received in a recent automobile accident. We wish both a swift recovery.

Lloyd Kyser, one of our old time employees, became seriously ill on December 19. We extend our Get-Well wishes! Mr. Kyser is in charge of the Depot Sanitation Department supplying water to the field....New member of the Bolton Barn cafeteria force is Betty Babington, Augerburg, daughter-in-law of E. P. Babington, A. P. Line Superintendent....William Meadows, ammunition handler, spent the Christmas holiday in Jellico, Tenn. Billy Hairston enjoyed his Christmas in Alabama.

Edward Mullett had the misfortune to be injured and hospitalized on December 22. He suffered a broken knee-cap....Dwight Ringler spent Christmas near Somerset, Pa., due to illness of an aunt.

Ravenna Arsenal NEWS

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Department of Public Relations

Editor Robert W. Fuehrer
Photographer George Hoagland

REPORTERS: Jean Miller, Jane Mesko, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Jimmy Adcock, Marian Capela, Lillian Bosko, Gerald Stamm, Rosemary Franks, Millie Mischevich, Barbara Ann Dell, Kathy Sarroczy, Edythe M. Cooley, Joanne Chionchio, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French.

Arsenal Girl Scouts Take Mariner Oath



EIGHT MEMBERS of the Ravenna Arsenal Girl Scout Ship S. S. Dauntless are shown above taking the Mariners' Oath after receiving their pins at the Arsenal Girl Scout Pageant on December 23. Mrs. L. B. Humphrey and Mrs. Pearl Klotzle, Mariner Leaders, gave the oath. The scouts are, left to right: Mary Ann Monteville, Narys Klotzle, Myrna Magnuson, Jane Richards, Mary Williams, Carolyn Bussan, Carol Lewis and Lou Ann Thorpe. Four other members of the Mariners, who could not be present due to illness, are Barbara Allen, Margaret Hutton, Norma Bussan and Donna Richards. The other two Arsenal Girl Scout Troops, Brownies and Intermediates, also participated in the Pageant which portrayed what the girls are doing in the way of scout work. Aiming toward their international and community life badges, the girls packed a basket of food and sent it to a needy family for Christmas Day. The Pageant will be an annual affair at the Arsenal during the holiday season, Scout leaders announced.

Meet Your Reporters

Frances Gigliotti, reporter for the Arsenal Ordnance Staff, is also an amateur singer and has made several appearances on television and radio.

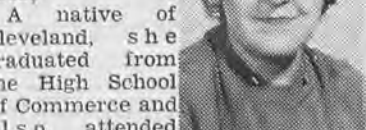
She has been a government employee here since September 1950 and is now working in the Ordnance Personnel Office.

A native of Waynesburg, Pa., Frances is residing in Warren. She graduated from high school there and was on the staff of the Tatling Transmitter, school newspaper. Besides singing, she also enjoys dancing.

* * *

Lillian Bosko, reporter for the Auto Transportation Department, works for L. A. Geer in the Main Garage. She has been an Arsenal employee for two years and started working for Ravenna Arsenal, Inc. in March 1952.

A native of Cleveland, she graduated from the High School of Commerce and also attended John Marshall Law School for three years. Mrs. Bosko, now living in Randolph, has two daughters and one grandson. Her hobbies are cooking and sewing.



L. BOSKO

Congratulations-- Load Line Two!

Employees on Load Line Two completed 614 days without a lost time accident as of January 7. This is a wonderful record and hearty congratulations are extended to all Line Two employees!

Name-Plate For RAI NEWS Re-Designed

If you haven't noticed it, the Arsenal NEWS is now sporting a re-designed name-plate--top of page one. The new name-plate was designed and drawn by John Kohlberg, a member of the RAI Drafting Department.

Arsenalites In The Armed Forces

Ravenna Arsenal, Inc. employees who recently entered the Armed Forces are: Roy D. Northridge, Kent, Department 190; Jimmy O. Tarbell, Ravenna, Department 190; Robert C. Agan, Windham, Department 75; Clifford G. Bragg, Windham, Department 76; Lisle D. Jordan, Newton Falls, Department 70; Donald G. McCune, Ravenna, Department 76.

Also, Stacy A. West, Jr., Alliance, Department 194; Dale L. McCloud, Ravenna, Department 65; John C. Rider, Newton Falls, Department 09; Camiesee Sampson, Akron, Department 86; Harry E. Shilling, Deerfield, Department 65; Robert E. Creque, Lake Milton, Department 61; William H. Darnold, Ravenna, Department 61; Perry J. Kastor, Kent, Department 74; Dwight L. Romick, Ravenna, Department 190; William McCrystall, Lake Milton, Department 62; Glenn R. Stockhaus, Kent, Department 194.

A new military address has been received from Pvt. Ernest L. Breckenridge, RA 15496216, Co. B, 1st Tng., 1st Gp., J.M.R.T.C., Fort Lee, Va.

In Memoriam

Andrew E. Martin

An old-time employee, Andrew E. Martin, 52, was buried in Holy Cross Cemetery, Akron, on December 31. A resident of T-Dorm, he died suddenly of a heart attack on December 28.

Rev. Fr. George F. Martin, a brother of the deceased, said the solemn requiem mass at St. Mary's Church.

Mr. Martin was employed in Department 190, Depot, and had worked for the Atlas Powder Co. from 1941 to 1945 and for Ordnance from 1948 to the time of RAI take-over in March 1952.

He is survived by two daughters, four brothers, and two sisters.

Clarence Keith

Clarence Keith, 36, who was killed instantly in an auto accident on Route 5, December 19, was buried from the Christ Methodist Church, Flat Woods, W. Va., on December 23.

He was employed as a car bracer in Department 192, Depot, and made his home in Atwater. A former resident of Garretttsville, Mr. Keith had returned from Texas two months before his death.

Besides his wife and son, Robert, at home, he leaves a daughter, his parents, and a sister in Sutton, W.

Thank You-- Everyone!

The Recreation Department wishes to congratulate and extend sincere thanks to all Arsenal employees and members of their families, whose combined efforts made the RAI Children's Christmas Party a complete success.

New Industrial Doctor Is Native Of Canada



DR. A. L. KNIGHT

New RAI industrial physician is Dr. Arthur L. Knight, a native of Quebec City, Canada. He received his B. S. degree from Dalhousie University, Halifax, Nova Scotia, in 1945 and his M. D. degree from the same university in 1948.

He served his internship at Victoria General Hospital, Halifax, and his residency in surgery at St. Anthony's Hospital, Oklahoma City.

Dr. Knight practiced surgery for a year at Clinton, Okla., and served a residency in Orthopedics at the Bone and Joint Hospital, Oklahoma City, for one and one-half years. Dr. and Mrs. Knight are now living at the Arsenal.

Sign up to Save! Join RAI Payroll Savings Today. Bonds are better than ever now.

Va. His son Robert works in Department 71, Line Two.

Baby Boy Hefner

Grave-side funeral services at Maplegrove Cemetery were held for the one-day-old baby boy of Mr. and Mrs. James Hefner, Windham who died December 26. Mr. Hefner works at the Main Garage.

Employees And Children Jam Bolton Barn For Christmas Party



PART OF the over-flowing group of employees and their children who jammed Bolton Barn for the RAI Children's Christmas Party on December 21, are shown above watching one of the acts. Over 3500 people attended the three performances and more than 2000 children received a gift and a stocking full of candy at the gala Yuletide Party. Following the magic show and movies, Santa Claus greeted the children. This was the largest Children's Christmas Party held at the Ravenna Arsenal in recent years. Last Christmas, about 750 children attended the party.



THE CHRISTMAS Nativity scene (above), which was erected above the stage for the Children's Christmas Party, was built at the George Road Carpenter Shop and designed and painted by John Bratnick, Paint Shop. Mr. Bratnick has been an Arsenal employee since 1941 except for a tour of military duty during World War II. He has been at the George Road Paint Shop for the last three years and is a resident of Windham.



MAGICIAN TOM BROWN pulls a rabbit from his top hat during the Magic Show presented at each performance of the Children's Christmas Party. Mr. Brown was assisted by his three daughters; Voncille, Nancy and Meredith. Mrs. Brown played the piano, adding the background music for the show. The three girls are also learning to be amateur magicians like their father, who is RAI Safety and Training Manager.



SANTA CLAUS listens intently as Linda Lee and Nancy Marie Ogden, twin daughters of Earl Ogden, tell him what they wanted for Christmas. Mr. Ogden's son, Jimmy, had just finished saying "hello" to old St. Nick when the picture was taken. Mr. Ogden is a truck driver at the Main Garage and resides in Warren.



PAUL BORDA, left, RAI General Manager, and Col. C. K. Allen, Commanding Officer, present Christmas stockings "chuck full" of candy to Dorothy, Irene and James Chapman of Newton Falls. Looking on is the mother of the children, Mrs. Dorothy Chapman who works in the Scrap and Salvage Department.

1953 RAI Safety Slogan Contest Begins February 1

The 1953 RAI Safety Slogan Contest will start February 1 and all entries must be postmarked not later than midnight, February 15.

The Arsenal will be divided into five units as follows: ONE — Engineering and P. E. and I. Divisions; TWO — Stores, Receiving and Shipping; THREE — Administrative Divisions, including Ordnance and Transportation; FOUR — A. N. Line and Load Line Two; FIVE — A. P. and P. E. Lines, and Load Lines One and Three.

Each unit will be headed by a captain and assisted by co-captains, who will be responsible for stimulating interest and participation within their units.

Best safety slogan in each of the five units will be awarded \$10, and from these winners will be picked the first and second best slogans. Top award will be \$25 and second place will be \$15.

A merchandise prize of \$5 will be awarded to the unit captain having the highest percentage of participation in his unit.

EMPLOYEES can obtain entry



CONGRATULATIONS to Mr. and Mrs. Norman Miller of Rootstown, O., on the birth of a boy January 11. Norman works out of Depot U-8.

A DAUGHTER, Mary Shirley, to Mr. and Mrs. Chester Hilson of Ravenna on December 6. Mr. Hilson is employed in Department 64, Load Line One.

CONGRATULATIONS to Mr. and Mrs. Van Simpson of Windham on the birth of a girl December 21. They named their new daughter Diane Marie. Van is a supervisor in Department 65, Load Line One.

CONGRATULATIONS to Mr. and Mrs. Carl Williams, Akron, on the birth of their first child, Anna Mae, on January 9. Mr. Williams works in Department 71, Load Line Two.

blanks from the captains, co-captains, guards at all line gates and at Bolton Barn.

All entries should be sent to the RAI Safety Department either by U. S. Mail, inter-Arsenal mail or by dropping them in any suggestion box in the area.

Start jotting down your Safety Slogans now, and send them to the RAI Safety Department on February 1. Decision of the judges will be final and all entries become the property of Ravenna Arsenal, Inc.

Safety Shoes For Artificial Feet

There's the story of a clerk in a shoe store who was quite surprised when a customer came in, took a seat, pulled up his trouser legs and asked to be fitted for a pair of safety shoes. The customer had artificial limbs!

The clerk proceeded to fit the man, but not without a bit of questioning. The fact was brought forth that artificial feet, which the customer had, cost \$350 a pair.

Although there would be no physical pain, there would be financial anguish if something were to crush them. Therefore, he wanted to protect them with safety shoes.

There is a lesson in this story. If it is worthwhile to protect a pair of artificial feet, how much more important is it that we protect our real feet?

U. S. Relief Bill Doubled Since '39

In this country today one person out of every 26 is receiving some kind of public relief.

Taxpayers last year put up \$2.3 billion for welfare bills, more than twice as much as such payments back in the depression year of 1939.

Yet, the country is experiencing the greatest boom in its history, with practically full employment, and a national income roughly three times the 1939 figure.

This seemingly contradictory situation is perhaps one of the most puzzling aspects of our current economy. For it would seem at first glance, that in good times, like the present, the need for welfare payments would decrease rather than increase.

Yet today about 5 million persons collect relief in one form or another, a number considerably greater than at any time in our history.

New M47 Tank Hurls Arsenal - loaded 90-mm Projectiles



THE U. S. ARMY'S new M47 medium tank is poised above, ready to hurl Ravenna Arsenal-loaded 90-mm projectiles at the enemies of the United States and free nations of the UN. The 90-mm shells are loaded with a powerful high explosive on Load Line One. This explosive, developed during World War II, is more powerful than TNT and was recently adapted to small projectile loading. Weighing 48 tons and manned by a crew of five, the new tank rolls on bogie wheels and rubber tracks built by The Firestone Tire & Rubber Company. The newly developed tank cannon is also manufactured by Firestone. The tank is powered by an Ordnance-Continental air-cooled, 810 horsepower V-12 engine. This, in combination with a cross-drive transmission, gives the M47 greater flexibility of operation and enables it to outmaneuver and outfire any known enemy tank.

A Home Fire Check List

Home On Fire!

A rug, a heavy garment or a pail of water may put out a small fire. But if it has a good start, warn the family and get help at once!

If you phone, make sure the firemen get the right address.

If you pull an alarm box, stay near it to direct the firemen—or delegate a responsible person.

Do not open a door that feels warm. Superheated air might quickly kill you. Try to get out some other way.

If there is dense smoke but no flame, crawl out on hands and knees, with a damp cloth over nose and mouth.

If you are cut off upstairs, make a rope of bedclothes or clothing.

JUMP ONLY AS A LAST RESORT!

Prevent Home Fires

Do not smoke in bed. Put matches, cigar and cigarette butts in metal containers.

Completely enclose fireplaces with wire screen.

Be sure floor lamps and extension cords are in good repair.

Disconnect electric appliances not in use.

Burn oily rags. Set oily mops in the open air or store them in metal containers.

Do not accumulate flammable materials in closets, attic or basement.

Never start a fire with gasoline or kerosene.

If gasoline or kerosene must be kept on hand, store it in small quantities in safety cans, OUTSIDE the house.

Have chimneys and flues cleaned annually. Insulate woodwork near furnace or stoves.

Place ashes in metal containers only.

Wanted—One Bowling Team

A women's bowling team is needed to replace the team that recently dropped out of the RAI Women's Bowling League.

Arsenal employees or residents, who are interested in entering a team or in forming a new team, should contact Ann Maimone, Extension 518.

The Women's League bowls every Thursday night at the Arsenal Bowling Alley, Headquarters area.

Reason is the life of the law.

—Coke.

Weddings

SICKELS-HAMACH

St. Joseph's Church, Cuyahoga Falls, was the scene of the ceremony which united Liane Hamach and Earle Sickels in marriage on December 27.

The new Mrs. Sickels is attending Kent State University. Mr. Sickels is a chemist analyst for the P. E. and I. Division, Control Lab. The young couple are making their home at 551 Fairchild ave., Kent.

SCHOTT-WATSON

Mr. and Mrs. A. Watson of Cuyahoga Falls have announced the marriage of their daughter, Faydelle, to Samuel Schott of Akron. The ceremony was performed on January 3 at the Evangelist church in Cuyahoga Falls.

Following a reception held at the Mayflower Hotel, the couple left on their honeymoon to Miami, Fla. and South America. Mr. Watson is a department foreman on Load Line One.

Are YOU Saving For
Tomorrow -- Through
RAI Payroll Savings?

RAVENNA ARSENAL NEWS

Borrow A Book From
The Portage County
Bookmobile, Jan. 29

Vol. No. 2, No. 2

RAVENNA ARSENAL, INC., APCO, OHIO

January 20, 1953

Arsenalites 'Bank' 151 Pints Of Blood For Future Needs

One hundred and fifty-one Arsenalites started the New Year right by "banking" 151 pints of blood during the eighth Arsenal visit of the Red Cross Bloodmobile, January 7.

This was 26 pints more than the Arsenal quota. Last year, Arsenal employees and residents gave 1014 pints of whole blood which was an average of 144.8 pints per visit, the highest in Portage County.

These Arsenalites, who gave a pint of blood to the Bloodmobile, are really putting it in the regional blood bank in Cleveland for future

needs of their families, friends and themselves.

For instance, an employee from Youngstown, who gives blood to the Red Cross here, can have his hometown hospital draw blood from the regional blood bank should he or his family need it.

WHEN YOU support the National Blood Program, you help save the lives of our wounded military personnel and also provide a reserve of blood and plasma for your own emergencies.

Right now, blood is saving lives on the front lines in Korea and in hospitals far behind the combat areas.

Here at home, too, blood is needed by other thousands in our civilian hospitals.

What's more, it is vital to our national defense that we build a reserve of plasma against the possibility of an enemy bombing attack on our homes, our cities and factories.

That's why your blood donation is needed and appreciated. And when you give it, you can be sure that wherever it goes, this priceless, painless gift will some day save an American life!

Professional Fox Trapper At Arsenal

Employees are cautioned not to tamper with any fox traps found throughout the Arsenal. These traps have been set by Fred Newbauer, a professional trapper.

Twice a year, Mr. Newbauer visits the Arsenal for about six weeks in order to trap the marauding predators. A surplus of foxes would soon kill the other forms of wildlife inside the fence. This is part of the Arsenal's game preservation program.

Firestone Scholarship Program Set Up For Employee's Children

New Plant Engineer



EDWARD STUKBAUER

RAI's new plant engineer, Edward Stukbauer, is not a newcomer to the Arsenal. Mr. Stukbauer was formerly with Trygve Hoff and Associates, the Cleveland engineering firm that worked with the Hunkin-Conkey Construction Company during the re-activation of the Arsenal from February to November 1951.

Prior to working with Trygve Hoff, he was plant engineer for the Otis Elevator Company in Buffalo, N. Y. A graduate of East Technical High School, Cleveland, Mr. Stukbauer also attended Tufts College and the University of Notre Dame. The new plant engineer lives in Cleveland Heights, is married and has two sons.

Lions Club Dinner

Members of the Newton Falls Lions Club will be guests of Col. C. K. Allen, Commanding Officer, on February 5 at a dinner in the Main Cafeteria. The club will hold their regular meeting following the dinner.

Company To Pay Full Tuition, Fees, Books And Part Of Living Expenses

A scholarship award program for sons and daughters of employees of the Firestone Tire & Rubber Company throughout the United States has been announced by Harvey S. Firestone, Jr., Chairman of the Firestone Company.

Each scholarship award will pay the cost of full tuition, fees and books and will offer a contribution to living expenses. Fifteen Firestone Scholarships will be awarded each year to high school graduates so that, after the first four years, the program will be financing the college education of 60 students annually.

Winners of Firestone Scholarships may attend any accredited college or university and will be given financial aid until they receive a college degree, providing they maintain a satisfactory record.

To be eligible for a Firestone Scholarship, a student must be in the upper half of his class and be the son or daughter of a Firestone employee who, as of June 1, 1953, has completed five years of service for the company, or whose parent had more than five years of service with the company at the time of death or retirement.

A Firestone Scholarship Committee will be appointed outside of the Firestone organization to review and pass on all applications.

SCHOLARSHIPS will be allocated to various sections of the country on the basis of proportionate Firestone employment, thereby assuring that children of all employees will have equal opportunity to win one of the college education scholarships regardless of where they may live. Only sons and daughters of those employees whose average base pay does not exceed \$825 per month will be considered for Firestone Scholarship awards.

Dr. H. E. Simmons, President emeritus of the University of Akron, assisted in the development of the Firestone Scholarship Program. In May of last year, he was retained by the Firestone Company to make a study of educational assistance programs.

Dr. Simmons will serve as Executive Director of the Firestone Scholarship Committee.

Children of employees of Ravenna Arsenal, Inc. will become eligible to apply for the Firestone Scholarship awards when a parent completes five years of actual service with the company.

This is likewise true of employees who have not yet completed five years service with other Firestone subsidiary plants.

Complete information on the program, and application forms are now available from the RAI Industrial Relations Office, Room 2, Employment Building, or by dialing Extension 607.

Sign Up Today... For Your Free First Aid Training

Share A Ride

By devoting only two hours a week for 11 weeks, you can qualify for an American Red Cross First Aid certificate. The first aid classes, which are free to both Arsenal employees and their families, are now open for volunteers.

These two-hour classes are available either on Monday, Tuesday, Thursday or Friday from 5 to 7 p.m., and on Tuesday and Thursday from 1 to 3 p.m.

Enrollment cards can be obtained from your foreman, department manager or members of the Guard Force. The Company will provide the instructors, meeting place and all necessary equipment, including a text book and a triangular bandage.

AT THE END of the 11-week course, the American Red Cross First Aid Certificate will be awarded and a letter of certification will be placed in the employee's personnel folder. Those who finish the course will be allowed to keep the textbook and bandage.

In the event of an enemy attack or civilian disaster, one out of every five persons would need first aid training. Therefore, any individual can purchase with only 22 hours of his time, knowledge that might enable him to save the life of a friend or member of his family.

Bird Feeding Stations

Ten feeding stations have been set up throughout the Arsenal by the local Conservation Club. The stations are for winter birds, mostly pheasants, and were built by the club members. The Conservation Club also buys the feed.

Don't wait, sign up today for first aid training that will be of great value to you at work, at home and at play.

Many serious injuries have been prevented and many lives have been saved by people who have the training covered in this course.

Afternoon Bowlers At Arsenal Alleys



THIRD SHIFT employees are taking advantage of afternoon bowling every Wednesday at the Ravenna Arsenal Bowling Alley, which is located in the Headquarters area. Load Line One third shift employees shown above adding up their scores after a relaxing game are, left to right: Ross Mackey, Burt Chilton, Larry Pistilli, Bob Muse and Eric Goodwin.

Sec. 34.86 P. L. & R.
U.S. POSTAGE
1 1/2c Paid
Permit No. 1
Apco, Ohio

Playing Games?

There are air raid drills in our cities these days. We hear the sirens, we laugh and get off the streets as if we were playing games, or we grumble because our plans are interrupted.

But suppose it was the real thing! Suppose bombs began to fall! We must be prepared for such a possibility, terrible though it is.

One way to prepare is to buy more and more Defense Bonds so that America can strengthen her defenses. Join RAI Payroll Savings right now, and do your part in defending America!

Questions, Answers About The New Series "E" Defense Bond

The following questions and answers are presented here to explain some of the features of the new Series "E" U. S. Defense Bonds, which can be purchased by Arsenal employees through the convenient Payroll Savings Plan. Other questions should be directed to your foreman or supervisor.

As of what date were the "E" Bond changes effective? May 1, 1952.

Is there a change in the interest rate?

Yes; the investment yield on the new "E" Bond is 3 per cent compounded semi-annually when held to maturity, instead of 2.9 per cent.

Is there a change in the term of the bond?

Yes; the new "E" Bond matures in 9 years and 8 months from issue date, instead of 10 years.

Does the "E" Bond still return \$4 for every \$3 invested? Yes; a \$100 bond still sells for \$75.

Are investment yields in the intermediate years changed?

Yes; interest on the new bonds starts at six months and each of the early years show increased earnings.

What are some of the investment yields in the early years?

Six months 1.07 per cent (formerly 0); 2 years 2.10 per cent (formerly .99 per cent); 3 years 2.25 per cent (formerly 1.31 per cent); 5 years 2.52 per cent (formerly 1.79 per cent).

Do the new bonds carry the optional automatic extension features? Yes.

Is the interest rate changed for the extension period?

Yes; interest for the extended period has been increased to provide approximately a 3 per cent investment return continuously during the extended period.

Is the extended maturity term still 10 years?

Yes. How much does the new "E" Bond earn over the full term of



Arsenalites In The Armed Forces

Changes of address have been received from the following former employees: 2nd Lt. Clark Kreidler, R. F. D. 3, Franklin, Ind.; Lt. Sol P. Baltimore, O-1873833, 1st Co., 1st S. T. R., Ft. Benning, Ga.

A new military address has been received from Pvt. Dwight L. Romick, US 52-272-123, Co. B-51, 702nd A.I.B. Fort Hood, Texas.

Ravenna Arsenal, Inc. employees who recently entered the Armed Forces are: Joe C. Crowell, Warren, Department 66; Amos Dozier, Alliance, Department 194; Harry L. Shade, Newton Falls, Department 66; Ernest L. Skilton, Ravenna, Department 71; Richard L. Walter, Kent, Department 194.

Also Hollie C. Bailey, Diamond, O., Department 194; Clarence E. Drass, Newton Falls, Department 64; James W. Johnson, Farrell, Pa., Department 73; Garland W. Jones, Akron, Department 64; Billie D. Larrison, Lake Milton, Department 65; Richard W. Taylor, Lake Milton, Department 62; Kenneth R. Watson, Alliance, Department 58; David A. Williams, Apco, Department 22; Carl J. Wix, Akron, Department 62.

New military address has been received from Pvt. Kenneth Shores, RA 13432555, Btry. B, 235th Obsn. Bn. APO 301, c-o Postmaster, San Francisco, Calif.

Has the annual limit of purchases been changed?

Yes; from \$10,000 to \$20,000, maturity value. (The limit for the calendar year 1952 includes bonds bought before as well as after May 1.)

Are the new "E" Bonds available at the same sources as formerly?

Yes; plants, post offices, banks and other financial institutions.

Are there any changes in registration provisions as to owner, co-owner, or beneficiary?

No; these provisions remain the same.

Are there any changes in the provisions as to collateral eligibility or income-tax liability?

No.

Can the new bonds be redeemed at the option of the owner in the same manner as formerly?

Yes; there is no change in the redeemability provisions.

Ravenna Arsenal NEWS

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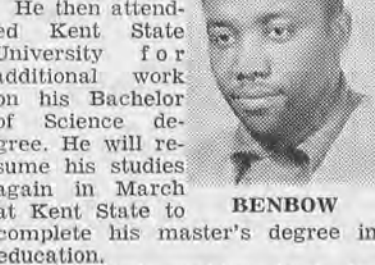
Department of Public Relations

Editor Robert W. Fuehrer
Photographer George Hoagland

REPORTERS: Jean Miller, Jane Mesko, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Bessie Hutcheson, Millie Mischevich, Barbara Ann Dell, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French.

Meet Your Reporters

Chief reporter for Load Line Three is Fred Benbow, senior clerk in the line office. A life-long resident of Warren, Fred graduated from Western Reserve University with a Bachelor of Arts degree in psychology in June 1950.



BENBOW

He then attended Kent State University for additional work on his Bachelor of Science degree. He will resume his studies again in March at Kent State to complete his master's degree in education.

He started working here for Ordnance in June 1950, and in April 1951 started for RAI.

Besides his education, Fred's hobby is photography and for recreation he enjoys sports. He is a member of Omega Psi Phi, social fraternity at Western Reserve.

Covering the P. E. & I. Division for the Arsenal NEWS, is Jane Mesko, a life-long resident of Ravenna. Jane graduated from Ravenna Township High School in June 1950 and started working for RAI in October 1951. Her main hobby is dancing, but she likes being a housewife, too.



MESKO

Engagements

McKEAN-SCHOCK Mr. and Mrs. P. J. McKean, Warren, have announced the engagement of their daughter, Carolyn, to William Schock, son of Mr. and Mrs. John Schock, Warren.

Carolyn is a clerk-typist in the Main Garage and was graduated from Warren G. Harding High School in 1952.

John graduated from the same high school in 1949. He served with the United States Air Force for two years and is now working as a carpenter in Warren.

ST. CLAIR - HILBIG Mr. and Mrs. Edward St. Clair of Newton Falls have announced the engagement of their daughter, Carol, to Charles Hilbig, son of Mrs. Charles Hilbig of Youngstown. No date has been set for the wedding.

Miss St. Clair graduated from Newton Falls High School and is a clerk-typist in the Training School Office.

Mr. Hilbig graduated from Woodrow Wilson High School and is now attending Youngstown College. He is employed by the Youngstown Sheet and Tube Co.

SANDROCK-THOMAS Engagement of two Arsenal employees, Doris Sandrock and John Thomas, has been announced by Mr. and Mrs. Calvin Sandrock, Newton Falls, parents of the bride-to-be. Mr. Thomas is the son of Mrs. Jeanette Thomas, Ravenna.

Doris graduated from Southeast High School in 1951 and is a clerk in Stores Locator Records Branch.

John graduated from Paris Township High School in 1950 and is attending Kent State University. He is also a checker at the Depot. No definite plans have been made for the wedding.

BALL-LANGE Mr. and Mrs. Harley D. Ball, P. venna have announced the engagement of their daughter, Flora Jean, to Sterling Eugene Lange, son of Mrs. Viola Lange, Sandy Lake Road.

Both Miss Ball and her fiancé attended Ravenna Township School. Miss Ball is a cafeteria attendant for Nationwide Food Service. Mr. Lange is an employee of the Cleveland Worsted Mills Co., Ravenna.

No definite date has been set for the wedding.

HENSLEY-RUSS Mr. and Mrs. Kemper Hensley, McGaheysville, Va., have announced the engagement of their daughter, Hester, to Jack R. Russ, son of Mr. and Mrs. Charles Russ, Altoona, Pa.

Hester works in Department 191, Depot U-12, and Jack works in Department 61, Load Line One. No definite date has been set for the wedding.

Arsenal Accidents Drop During Last 3 Months Of 1952

Accidents throughout the Arsenal continued to drop during the last three months of 1952. In October, there were 310 injuries, in November there were 235 and in December the number of accidents dropped to 215.

Employees are getting more safety conscious and they realize that an accident causes them both physical and financial pain. It's your life, take care of it!

In October there were 25 eye injuries, in November they dropped to 18, but in December, eye injuries jumped to 19.

During November, 50 per cent of all eye injuries were caused by "FLASHING CHEMICALS EXPLOSIVES."

In many of the cases, the eye protection provided by the company for the particular job on which the injury occurred, was not being used in the proper manner. And in a few cases, NO EYE PROTECTION was being used even though it was available on the job.

Remember, you only have two eyes, so protect them — you can't see with an artificial eye!

Besides the eye protection provided by Ravenna Arsenal, Inc., employees can purchase prescription ground safety glasses at a low cost and in various frame styles.

A representative of the optical company will be at the Arsenal on January 28 and every two weeks thereafter if enough employees are interested in buying prescription ground safety glasses. Employees should make their appointment through the RAI Safety Department, their supervisor, or by dialing Extension 619.

News In Brief

Load Line Two

Don McLaughlin, Department 72, has moved into a newly purchased home on Clinton Street, Ravenna. The "open house" date has not yet been announced. Clarence Miller, Department 75, enjoyed a recent vacation at home, in Warren. James A. Garfield, Department 71, spent Christmas week with his wife and family in Norfolk, Va. Dorothy Jones, Department 75, is confined to Robinson Memorial Hospital, Ravenna with back injuries sustained in an auto accident.

N. L. MacLochlan, Department 71, has returned to work after a week's battle with the flu. New nurse on the afternoon shift at the Line Two dispensary is Pauline Cooper of Windham. A native of Pittsburgh, Pa., she attended the University of Pittsburgh and graduated from Shadyside Hospital School of Nursing. She was also an ensign in the Navy Nurse Corps. Pauline's husband, Fred, is a yard clerk in the RAI Railroad Operations Department.

Depot Area

Bill Herron and family are rejoicing now that son Bob is home after serving three years and five months with the Army Engineers, two years of which were spent on Okinawa. Ruth Harbin was recently involved in a traffic accident and was absent from work for a few days. Fortunately, her injuries were not serious. Frances Kolasky's son, Eddie, recently spent a 14-day leave at home. Eddie is a Petty Officer, 1st Class, and has been in the Navy 15 months.

Our deepest sympathies to Madeline and Cyril Colton, employees of U-12 and U-14 respectively, on the death of Madeline's mother, in Newton Falls, January 6. Recently joining the ranks of car bracers in U-14 are William Reed, Ravenna; Jennings Seckmen, Freedom Station; Lester Smith, Mantua and Russell Gordon, Freedom Station. New-comers to Salvage are Lawrence Jenkins and Gene Sutcliffe. Welcome to all!

Lawrence Weisend, space checker, completed 11 years at the Arsenal on December 29. Robert Derr, Planning Section, recently moved from Black Horse to Kent. Mary Feinglass, who has been the nurse at Bolton Barn since RAI took over, last March, left January 12 to join her husband Jerry who is stationed in Europe as a Surveillance Inspector. Jerry was with Surveillance here before going overseas. Hester Hensley, U-12, is recuperating at home in Atwater from injuries received in an auto accident.

Load Line Three

Betty Pringle, clerk-typist in Department 80, was hostess to Alpha Iota Business Sorority at her home in Ravenna, on January 7. The local chapter of Alpha Iota is at Bohecker's Business College, Ravenna. Lanier McElrath, formerly of Department 84, has returned to Trumbull Memorial Hospital, Warren, for additional medical treatment not related to his recent accident.

George Road Shops

Donna Fischer, three year old daughter of Robert Fischer, recently underwent an operation at the Green Cross Hospital, Warren. Her father is a millwright at the Installation Shop. We hope for a speedy recovery for Joseph Artz who was hospitalized January 2. Mr. Artz works in the Carpenter Shop. Mary Kot, work order clerk at George Road Office, spent Christmas visiting friends and relatives in Martins Ferry, O. John Eklund has been discharged from Trumbull Memorial Hospital, Warren, and is recuperating at home in Garrettsville. Mr. Eklund is a plumber-steamfitter in the Plumbing Shop.

Employment-Services

Esther Weber and her mother spent Christmas in Cleveland with relatives. Lois Hull and husband Charles, Building 808, spent six days in Canada visiting her folks during the Christmas holiday. On their way to Canada they were involved in an auto accident and were slightly injured, which prolonged their stay. However they had a wonderful time and are now back on the job.

Elizabeth "Whim" Hyser and husband Howard, motored to Pittsburgh, Pa. for the holidays to visit her parents. Norma Feiss was absent for a few days when her daughter Diana was taken ill with rheumatic fever. Get-well wishes are extended to Diana, who will be confined to bed for an indefinite period. A baby shower, in honor of Mae Richards, was given by Marian Capela on January 13. Fourteen girls attended.

Ordnance Staff

Lillian Ward was a recent visitor in the Property Office. John Bishop, Surveillance, is attending Ordnance Technical Safety School at the University of Louisville and Indiana Arsenal. Mary Szabo, Office Services, and husband Andy, RAI Engineering, left January 18 for a two week vacation in Florida. They will visit with friends and former co-workers. They lived there in 1948 and 1949. Signal Office extends a wish for a speedy recovery to Ollie Gothard who has been off due to illness. Our sympathy is extended to Major C. E. Branson on the recent death of his brother, Randall, in South Carolina.

P. E. & I. Division

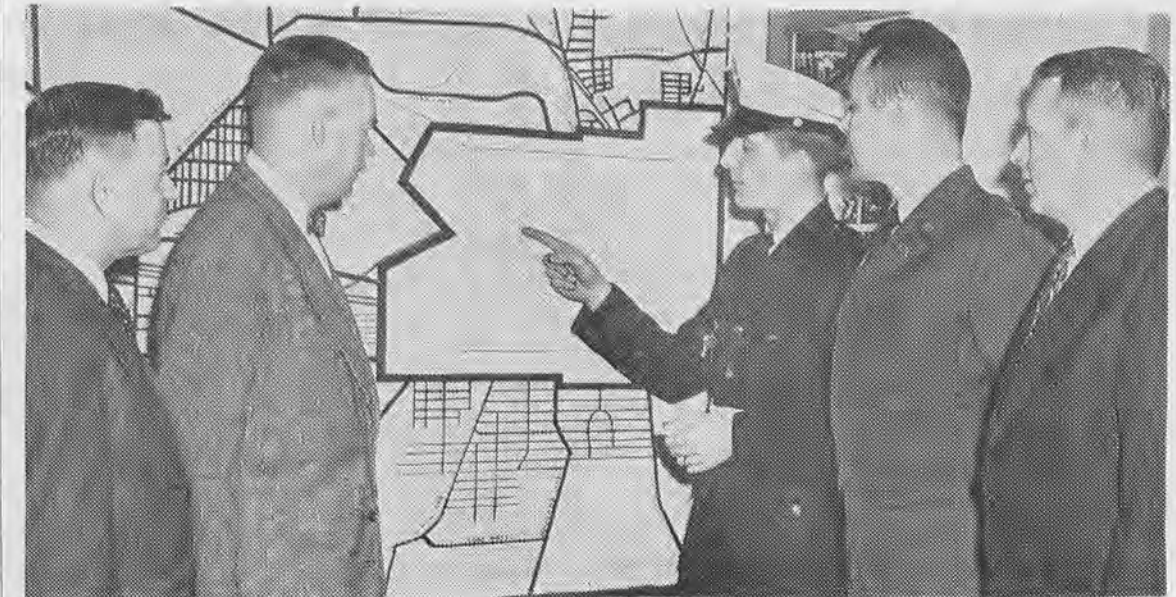
We would like to welcome the following employees to the P. E. & I. Division: Dorothy Rosenow, stenographer to E. R. Sanders, Jr. Dorothy who lives in New Milford, transferred from the Steno Pool. George Swartout, gage specialist, from Ravenna. Robert Huffman, James Murray, William Hall, Paul D. Martin, William Killmeyer and Walter Amos, all new department inspectors from Ravenna. Donald A. Williams has been promoted to assistant chief inspector. Oscar Saylor succeeds Mr. Williams as chief shift inspector. Tony Cacioppo is the new quality control inspector. Tony was formerly a junior process engineer. Clloyd Ritchey, former department inspector, transferred to junior process engineering.

Ammunition Inspection

Barbara Dudek recently made a long visit to see her husband, Pvt. Louis Dudek, who is stationed at Camp Hood, Texas. We are happy to welcome Betty Andriko back to work after a two month illness.

Roads and Grounds

H. L. Peppard, heavy equipment operator, wishes to thank his many friends and fellow employees for their generosity and thoughtfulness during his recent illness and convalescence.



EXPLAINING the Warren Township Civil Defense network is Fred L. Rauscher, Township Director. Looking on, left to right are: T. M. Durey, Deputy Defense Director for the State of Ohio; Leo McCarthy, Administrative Assistant to Col. D. J. Lynn, Third Area Director; Mr. Rauscher; Capt. E. A. Healy, Ravenna Arsenal Ordnance Security Officer; and C. L. Craver, RAI Safety, Security and Training Manager. The photo was taken in the Civil Defense Headquarters, Leavittsburg, following the awarding of diplomas to 51 graduating auxiliary policemen.

Remember When

TEN YEARS AGO January 1943.

J. W. Todd was elected Commander of American Legion Post No. 267 at an election meeting January 5.

C. R. Kennington received a Certificate of Merit in honor of his second year of service.

SIX YEARS AGO January 1947.

Congratulations from Load Line One to Mr. and Mrs. T. J. Gedeon on the birth of a son, Christmas Day.

FIVE YEARS AGO January 1948.

Mr. and Mrs. Gilbert Griggy can now boast of a family of 10. A baby girl was born to them January 27. Mr. Griggy works in the Post Engineering Division.

Carl Calvin and Larry Weisend completed six years of service at the Arsenal this month.

FOUR YEARS AGO January 1949.

Lucky are those who can go for a cruise on southern waters in the middle of the winter. Just back from such a cruise is Angelo Prezioso, physical science aide in the Surveillance Division. Angelo was paid, instead of having to pay for the cruise, since it is part of his Naval Reserve training.

Load Line One

Congratulations are extended to Mr. and Mrs. George Litum who celebrated their second wedding anniversary on December 23. Get well wishes are sent to Robert Nelson, who is recuperating from a recent operation. Also to Verna Spencer, Theodore Wood, Joyce Dohse and Mary Blake who have been on the sick list. Benny Steigerwalt recently returned from a short trip to Pennsylvania. Mr. and Mrs. John Buchanan spent a weekend visiting relatives in Syracuse, O. We are happy to hear that Clarence Evans has been released from Robinson Memorial Hospital where he recently underwent surgery. Good luck to Steve Homolya who recently transferred to the Instrument Shop. Spending their week's vacation taking life easy at home were Edna Dare, Margaret Grandeski, Hilda Heritage and William Seefeld.

A. P. Line

Margaret Pemberton and husband celebrated their third wedding anniversary on January 7. We're glad to see E. P. Babington, Superintendent, back at work. He has been ill at home for a week. Thomas Reagan, Jr., son of George, A. P. Line and Thomas Sr., Load Line One, celebrated his 10th birthday anniversary on January 1. He was the first New Year's baby born in Ravenna in 1943.

Production Offices

T. L. Seeden, Scrap and Salvage, won an Admiral TV set at a recent showing of the 1953 Pontiac by Quick Pontiac, Blackhorse. The new girl in Field Service Stock Control is Sybil O'Toole, who lives in Kent. Her husband George works in Depot Space and Reports Section. Vivian Hickman picked the last week of 1952 for her week's vacation. Her brother Paul had just returned from Germany and so the Christmas holiday was especially pleasant for the whole family.

P. E. Line

Our sympathy is extended to Edna Mae Lilly of Windham, who received word of the death of her father, in Centerfield, Ala. New P. E. Line personnel are: Gertrude E. Bartlett, Newton Falls; Millie C. Hillberry, Akron; Lalah S. Mick, Windham; Julia White, Youngstown; Mary M. Crites, Warren; Sophia G. Core, Leavittsburg; Muriel Gordon, Windham; Chrysteen L. Long, Warren.

Arsenalite Is Director Of 'Top' Civil Defense Group

Civil Defense is more than something you read about in the newspapers to Fred L. Rauscher, of the RAI Guard Force. During most of his free time, Mr. Rauscher is the hard working director of the Warren Township Civil Defense Corps.

This group covers a Trumbull County township of 34,702 people, which includes about half of the city of Warren.

The Warren Township Civil Defense Corps has jurisdiction over industrial plants in the township and has a mutual agreement to lend assistance to the Lordstown Ordnance Depot and Ravenna Arsenal in the event of civilian disaster, or an act of aggression by a foreign country.

They also have a mutual agreement to lend assistance to the city of Warren during an emergency.

ON JANUARY 2, the Warren Township group received an award for being the best trained and organized volunteer Civil Defense Corps in Ohio.

Mr. Rauscher has 212 active auxiliary policemen, firemen and staff members, and 150 air raid post wardens under his command, plus 2,000 trained reserve policemen, firemen and air raid wardens. Quota for the township is 10,000 trained Civil Defense personnel.

Warren township has also been called upon to furnish instructors

to train volunteer personnel in Trumbull County on all phases of Civil Defense, which includes auxiliary police, firemen, air raid wardens, communications, welfare, health, supply and information.

On January 9, diplomas were awarded to 51 Warren Township auxiliary policemen for completing a course taught by the Ohio State Highway Patrol. They were the first Civil Defense group trained by the Highway Patrol. All civil defense work is voluntary and the men hold down regular jobs in various industries in Trumbull County and Warren Township. Besides their regular training, each man is trained in first aid.

FINANCIAL aid for Civil Defense is obtained from industry, civic organizations and programs sponsored by local Civil Defense groups. Funds are also received from county, state and federal governments.

Fred L. Rauscher is a resident of Leavittsburg and was appointed Warren Township Civil Defense Director by Gov. Frank Lausche in November, 1950.

He has been with the Arsenal Guard Force since August, 1950 and served four years and three months with the U. S. Army Military Police Corps, which included a 19-month tour of duty in Korea in 1945-47.

Mr. Rauscher said the slogan for his group is: "Enroll in Civil Defense in '53 to help save American Democracy." He also stated that civil defense is everybody's business and is here to stay as long as there is a threat of aggression. It is also invaluable in time of floods, fires or any other civilian disasters.

—OAC Excerpts.

Baby Shower

A baby shower, in honor of Pat Rickenbacher, Office Manager's Office, and Pat Cox, Cost Accounting Department, was given by 60 Administrative office girls in the Main Cafeteria on January 14.

They received lovely gifts and were presented with Carnation corsages. Two beautiful cakes graced the table, decorated in pink and blue, with inscribed words, "Best Wishes".

Wrong Pedal

A tow truck operator in an attempt to turn the truck stepped on the accelerator instead of the brake causing the truck to move forward toward a door. When the operator jumped from the truck, he sustained a serious leg bruise.

Share A Ride

Many Ravenna Arsenal employees need rides to and from work. If you have space in your car, please contact the Industrial Services "Share-The-Ride" office, Employment Building, Extension, 411.

Remember, by giving your fellow worker a ride, you are helping to keep the shells rolling off the production lines and thereby helping the GI's fighting in Korea.

The following employees need rides—contact the "Share-The-Ride" office if you have space for any of them.

MIDNIGHT SHIFT

Marie Rapp, Windham.
Alice Thompson, Leavittsburg.
Elizabeth B. Steed, Alliance.
Beulah McDaniel, Windham.
Loretta Chilcote, Warren.
Ruth Kline, Windham.
Anna Krenpasky, Warren.

DAY SHIFT

Estelle Kenney, Mantua.
Carol Kenney, Mantua.
Nora L. Myers, Middlefield.
Alma J. Koches, Lordsburg.
Charles H. Hunter, Warren.

Women's Bowling

The Band Aids are still out in front in the Arsenal Women's Bowling League. Standings as of January 29 are as follows:

TEAM	W.	L.	Pct.
Band Aids	32	13	.711
Recordettes	25	17	.595
Elements	24	18	.571
Circlettes	25	20	.556
Old Timers	24	21	.533
Post Etties	19	26	.422
Pleasant Valley	14	28	.333

Conservation Club

A movie about fishing was shown to members of the Ravenna Arsenal Conservation Club at their regular meeting on February 6. A dinner at the Main Cafeteria preceded the meeting.

Two more bird feeding stations were set up inside the Arsenal by the club. These feeders are for winter birds, mainly pheasants. A total of 12 feeders have been built by club members.

Payroll Savings for U. S. Defense Bonds brings you an Emergency Fund for future needs. Join today!

RAI Loaded Shells Shipped Direct To Korea



RAVENNA ARSENAL, INC. loaded shells, 155mm TNT projectiles, are now being shipped direct from the Load Lines to the ports of embarkation for delivery to our Armed Forces fighting in Korea. Lift-truck operator Orion Sumrall is shown above loading pallets of 155mm shells into a commercial freight car. Prior to this change, the shells were first stored in the Depot before being shipped to the Armed Forces. Mr. Sumrall, who has been an Arsenal employee for seven years, is a resident of Youngstown. During his employment here, he has worked on the Load Lines and in Surveillance for the government.

Men's Bowling

DEPARTMENT	SEPT.	OCT.	NOV.	DEC.
Stores and Warehouse	4.8	2.7	1.6	5.0
Stores Stock Control	2.5	.6	1.1	1.8
Railroad Operations	2.0	3.7	4.0	7.6
Transportation	4.4	5.2	4.1	3.2
Auto Maintenance	3.3	6.6	4.7	3.3
R. R. Track Maint.	7.4	9.2	7.3	4.6
Powerhouse	5.5	3.1	1.5	1.4
Space Heating	4.8	.3	1.2	.0
Water and Sewage	1.4	.2	.4	1.4
Load Line Maintenance	2.0	2.9	3.3	3.5
George Rd. Maint. Shop	1.7	3.1	2.0	2.3
Eng. Equip. Maint.	3.0	.6	2.8	.0
Preventive Maint.	1.0	5.3	.0	.0
R. R. Maint. Shop	1.9	2.3	2.8	.0
Janitorial	5.9	11.0	5.7	4.9
Laundry	1.0	7.3	8.4	4.2
Guard Force	3.6	4.1	2.8	3.1
Firefighting	2.7	1.7	2.6	.8
Scrap and Salvage	5.8	7.3	5.5	3.3
Roads and Grounds	3.5	4.1	3.1	.1
Load Line One	10.4	10.0	6.8	7.1
Load Line Two	7.0	8.8	5.6	6.0
Load Line Three	8.7	6.8	6.3	5.1
Artillery Primer	5.3	4.8	5.2	4.2
Ammonium Nitrate	4.9	5.0	7.1	6.8
Percussion Element	4.6	4.3	3.8	2.4
Depot	5.3	5.7	5.4	6.1
Ammunition Insp.	3.8	6.4	2.8	1.4
Strategic Materials	3.2	4.3	2.4	7.3
OCIR Stores	2.7	5.3	3.9	2.3

First Aid Training Courses Started, Classes Still Open

Red Cross First Aid training classes, free to Arsenal employees and members of their families, has been started.

Six qualified first aid instructors from the RAI Fire Department are conducting the classes. There are still several openings for any interested Arsenalites.

These two-hour classes are available either on Monday, Tuesday, Thursday or Friday from 5 to 7 p. m., and on Tuesday and Thursday from 1 to 3 p. m. The course runs for 11 weeks.

Enrollment cards can be obtained from your foreman, department manager or members of the Guard Force. The Company provides the meeting place and all necessary equipment, including a text book and a triangular bandage.

Don't wait, sign up today for first aid training that will be of great value to you at work, at home and play.

Many serious injuries have been prevented and many lives have been saved by people who have the training covered in this free course.

Give Right-of-way To Snow Plows, Cinder Spreaders

Although the winter months have been mild, with very little or no ice and snow, Arsenal employees are asked to practice "highway courtesy" whenever they encounter the Arsenal's snow plows and cinder spreaders.

This road clearing equipment is put into operation to make the roads safe for Arsenal traffic.

The few times that it has been necessary to use this equipment, employee and Company vehicle traffic have presented a problem by not yielding the right-of-way.

Whenever you encounter the Arsenal snow plow or cinder spreader, pull off the road and give them the right-of-way. They're making the roads safe for your benefit.

A Challenge For Afternoon Bowlers

Load Line One third shift bowlers have been taking advantage of the open bowling at the Arsenal Alleys each Wednesday from 1 to 3 p. m., and are now looking for some competition.

Arsenalites interested in challenging the Line One Keglers are asked to be present each Wednesday afternoon at the bowling alley located in the Headquarters area.

Open bowling is also held each Wednesday evening starting at 7 p. m., and each Friday starting at 7 p. m.

TEAM	W.	L.	Pct.
Salvage	48½	19½	.713
Line Two	40½	27½	.595
P. E. Foremen	42	30	.584
Jolly Rogers	39	29	.546
P. E. Maint.	35	37	.483
Guards	30½	37½	.448
P.E. and I.	25	47	.348
Checkers	17½	46½	.273

TUESDAY NIGHT

TEAM	W.	L.	Pct.
Stores	47½	20½	.698
Line One	43	25	.632
Industrialists	36½	31½	.537
U-7	35	29	.515
Manufacturing	33	35	.485
Arsenalites	28	40	.412
Stand-Ins	28	40	.412
Ammo-Inspectors	17	51	.250

WEDNESDAY NIGHT

TEAM	W.	L.	Pct.
Truck Drivers	38	22	.635
Electricians	37	23	.616
Ordnance Personnel	34	22	.607
Rejects	36	28	.563
Old Timers	32	32	.500
Engineers	28	36	.453

POSTMASTER: If undelivered at the address shown on this label, please return to the nearest post office for which it is addressed. Ravenna Arsenal, Inc., P. O. Box 76, Apco, Ohio.

Have You Signed Up
For Your FREE
First Aid Training?

RAVENNA ARSENAL NEWS

Open Bowling Every
Wednesday At Arsenal
Alleys, 1 to 3 p.m.

Vol. 2, No. 3

RAVENNA ARSENAL, INC., APCO, OHIO

February 9, 1953

1953 Safety Slogan Contest In Full Swing



UNIT CAPTAINS and co-captains wish each other luck following the "kick off" meeting of the Ravenna Arsenal, Inc. Safety Slogan Contest on January 30. The contest will run from February 1 to 15, as announced in the last issue of the Arsenal NEWS. Pictured above are, left to right, front row: C. Steigerwalt, captain, and E. P. Babington, co-captain, Unit Five; Dick Spencer, captain, and J. N. DiMauro, co-captain, Unit Two; Standing: H. R. Meek, co-captain and H. W. Newquist, captain, Unit Four; S. C. Casbourne, captain, Unit Three; J. C. Duer, captain, Unit One; T. M. Brown, Safety and Training Manager; H. A. Grohe, co-captain, Unit Three; and D. D. Carbone, co-captain, Unit One.

Divisions and departments included in each of the five units are: ONE—Engineering and P. E. & I. Divisions; TWO—Depot and Stores; THREE—Ordnance, Transportation, Industrial Relations and Comptroller's Divisions, and Plant Management Office; FOUR—A. N. Line and Load Line Two; FIVE—A. P. and P. E. Lines and Load Lines One and Three.

RAI Suggestion Board Pays \$205 To Fifteen Employees

The Ravenna Arsenal, Inc. Suggestion Board has awarded \$205 to 15 employees for their winning suggestions. Highest award, \$50, went to William C. Davis.

Mr. Davis, who works in Department 75, Load Line Two, suggested that the company install reels to carry the air hose over chemical tanks. He is a resident of Ravenna.

A \$25 award was paid to L. A. Waller for turning in a suggestion to replace the blue bandanas with white ones in order to lower the cost of laundering. The bandanas are worn by women employees working in explosive areas. Mr. Waller, who is the Laundry supervisor, lives in Garrettsville.

Arla M. Hoover, explosive operator on the A. P. Line, received \$20 for her idea to cover artillery primers during the vibrating operation.

Louise R. Bedenik, P. E. Line, from Newton Falls, received two \$10 suggestion awards. Other \$10 award winners are: Mildred Mat-Payroll Department, Ravenna; Lieut. Vernon Lewis, Fire Department, Ravenna; Peter M.

Employees Netted \$1,655 For Best 1952 Suggestions

During 1952, the Ravenna Arsenal, Inc. Suggestion Board paid \$1,655 in awards for 70 ideas adopted by the Company. The Suggestion Department received a total of 557 suggestions from Arsenal employees.

Last year's highest award, \$295, went to Mitchell Wracher, George Road Machine Shop supervisor. Mr. Wracher also received another award which gave him a total of \$315 in suggestion award profits.

Other high suggestion award winners were John R. Baryak, \$125; Harry Stewart, \$125; and Raymond C. McDaniel, \$120. All three employees are millwrights in Department 31.

Two or more time winners who cashed in on the RAI Suggestion System profits were Louise Bedenik, P. E. Line; Edward Forsythe, millwright, Department 31; Renick S. Shank, Machine Shop; and John R. Baryak, millwright, Department 31.

Entries Must Be Postmarked Before Midnight, February 15

The 1953 RAI Safety Slogan Contest is now in full swing, and employees must have their entries postmarked not later than midnight, February 15.

There is no limit as to the number of Safety Slogans which an employee can submit and each slogan counts as one point for his unit. All entries should be sent to the RAI Safety Department either by U. S. Mail, inter-Arsenal mail, or by dropping them in any suggestion box in the area.

Make your Safety Slogan as brief as possible and be sure that your name, clock number and department number are on your entry blanks.

A TOTAL of \$90 will be awarded to the winners. There will be five \$10 prizes for the best Safety Slogan in each of the five units, and from these winners will be picked the first and second best slogans. Top award will be \$25 and second prize will be \$15.

A \$5 merchandise prize will also be awarded to the unit captain having the highest percentage of participation in his unit.

The Arsenal has been divided into five units, with each unit being headed by a captain and assisted by a co-captain. These men are responsible for stimulating interest and participation within their units.

Employees can obtain their Safety Slogan Contest entry blanks from their unit captains or co-captains, supervisors or foremen, guards at all line gates and at Bolton Barn.

WHEN YOU participate in a Safety Slogan Contest, you automatically think about Safety which helps to guarantee a healthy and happy life for yourself and your fellow employees.

Safety Department personnel (Department 53), are not eligible for the contest. Decision of the judges will be final and all entries become the property of Ravenna Arsenal, Inc.

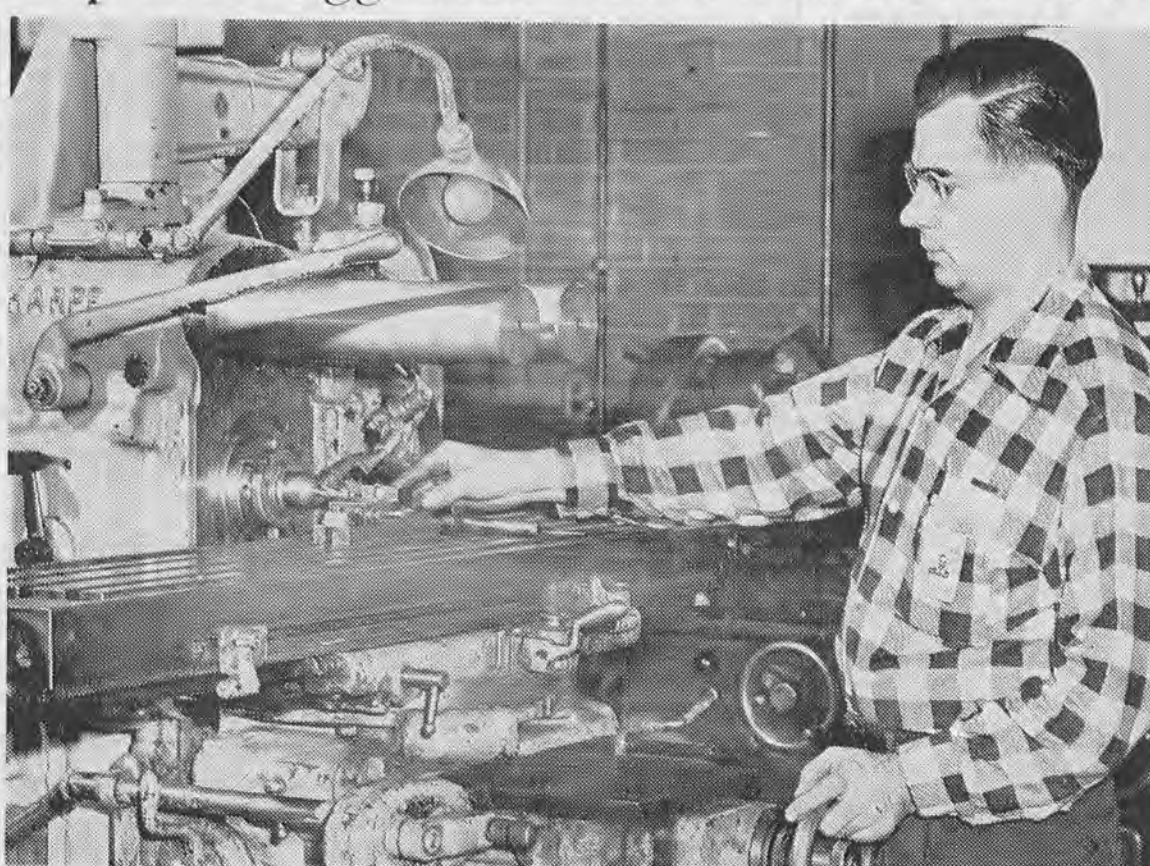
Start jotting down your Safety Slogans now, and send them to the RAI Safety Department before February 15.

Arsenal Property Can Be Leased

The present program to utilize available Ravenna Arsenal land is netting the Government \$257 a year for the land and an estimated \$3,055 for services performed by lessee. A total of 17 units are presently being leased with the largest single unit being 500 acres of pasture land.

Nine units are now available for lease, making a total of 609 acres of cropland and 315 acres of non-cropland or pasture land. These units range in size from three to 170 acres.

Top RAI Suggestion Award Winner For 1952



FOR SUGGESTING and designing a fixture for milling seven deep drill blades in one operation, Mitchell Wracher received \$295, the highest suggestion award presented by Ravenna Arsenal, Inc. during 1952. Mr. Wracher is shown above adjusting his milling fixture which replaced the old method of milling one deep drill blade at a time. Mr. Wracher is a working supervisor in the George Road Machine Shop and a resident of Atwater.

Six Ordnance Employees Receive Service Awards



SIX RAVENNA ARSENAL Ordnance employees are pictured above as they received service award pins from Col. C. K. Allen, Commanding Officer, during a recent ceremony in his office. Colonel Allen is shown presenting a 10-year pin to Estella Pavlick, Personnel Office. Left to right are Paul Chaffant, North Jackson, Inspection; Edwin Winger, Newton Falls, Inspection; Mary Jo Hardesty, Freedom Station, Property; and Florence Dingley, Youngstown, Office Services, who received 5-year pins, and Ruth Tontimonia, Ravenna, Signal and Mrs. Pavlick, Ravenna, who received 10-year pins. These employees became eligible for service awards during the fourth quarter of 1952. The award program is sponsored by the Civilian Welfare Fund to provide recognition to personnel on active government rolls who have completed continuous, satisfactory periods of five and 10 years' service at the Ravenna Arsenal.

Free! Free! Free! Free!



I am a salesman. Like all salesmen I think my product is better than the product of other salesmen. However, I have a definite advantage over other salesmen because my product is free, and costs the buyer absolutely nothing.

Furthermore, my product will do more for the buyer than any other product in the world. For this reason my product has more value than any other product in the world, yet it doesn't cost the buyer so much as one cent.

Let me describe some of the features of my product. If you should buy my product, I can guarantee you good eyesight for the remainder of your life. I can guarantee that you will not suffer from TNT rash, dermatitis, or acid burns.

PROPER USE of my product will protect you from falls, falling objects and tripping hazards. If the increasing number of fatalities resulting from local vehicle accidents has got you worried, then take my product and let me worry.

If you haven't guessed by now, the product I'm selling is "SAFETY AND ITS TOOLS." What other product can give you so much for so little.

Now that you have my product you can consider your life insurance as a savings account rather than a necessity in the event of what is known as "ACCIDENTAL DEATH." The feeling of security and well-being is in itself well worth the little effort you will put forth.

Accept my product, believe in it, make it a habit and I will guarantee you a long, healthy and happy life.

YOUR CONSCIENCE

Here's The Answer -- For You!

Have I got a hole in my pocket, or somewhere? What's the matter with me? Am I dumb? Or is there some secret I haven't latched on to? I work hard, and I make a good salary. I have a wife and kids. We have a small apartment, but we'd like a house.

We haven't saved a cent in... gosh, is it really that long? Well, what's wrong? Can you figure it out?

ANSWER: Sure, chum, that's an easy one. Your trouble is that you never found out about automatic savings, on the RAI Payroll Savings Plan.

You've never learned that automatic Payroll Savings actually saves money for you, and buys U. S. Defense Bonds regularly.

And everybody knows that's the safe, sure, profitable way to save. So start today, brother, and answer your own questions! "E" Bonds mean Easy Living after you retire.

In Memoriam

FORD SANDERS

Funeral services were held in Abbville, S. C., on January 18 for Ford Sanders, 64, of Youngstown, and a Ravenna Arsenal, Inc. employee since March 1952.

Mr. Sanders, who is survived by his wife and one son, died January 14 after being ill since August 1952. He was employed in Department 192, Depot.

—OAC Excerpts.

Just A Slip

A mechanic was inspecting a leaking weld on an acid line. In order to observe the line more carefully, he climbed on a catwalk hand-rail. As he leaned out, his feet slipped causing him to fall 15 feet to the ground and fracture both wrists. Employees should take special measures to insure that they use only approved ladders and scaffolds when working on high lines.

—OAC Excerpts.

Ravenna Arsenal NEWS

Vol. 2, No. 3 --- February 9, 1953

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Department of Public Relations

Editor Robert W. Fuehrer

Photographer George Hoagland

REPORTERS: Jean Miller, Jane Mesko, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Bessie Hutcheson, Millie Misceovich, Barbara Ann Dell, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French.



ON FEBRUARY 8, 1910, the Boy Scouts of America were founded and this month during National Boy Scout Week, thousands of scouts throughout the United States will celebrate their 43rd anniversary.

The Charlestown-Arsenal Boy Scout Troop 557 will celebrate by holding a Father and Son banquet in the Main Cafeteria on February 11 at 6:30 p.m.

Also during the month of February, Troop 557 will hold another swimming party at the YMCA and a weekend camping trip to Camp Manatoc in Akron.

Arsenalites In The Armed Forces



Pvt. Thomas O. Belknap, left, and Airman John L. Belknap, right, sons of Mrs. Rose Belknap of Department 191, Depot, were recently home on leave.

Both men were Arsenal employees before entering the Armed Forces. John was employed by Surveillance and is now stationed at Sampson Air Force Base, Geneva, N. Y. Thomas worked on Load Line Two and is now at the Atlanta General Depot, Atlanta, Ga.

A change in military address has been received from former Arsenalites Pvt. Taylor Solomon, US 52152642, 382nd General Hospital, APO 54, C-Postmaster, San Francisco, Calif., and Pvt. Ernest Breckenridge, RA 15496216, Co. C, 2nd Gp., QMRTC, Fort Lee, Va.

Pvt. Breckenridge wrote a very interesting letter and the following are excerpts from his letter. He has completed basic training and is now attending a supply school.

HE SAID his classes are from 8 a.m. to 4 p.m. and it is just as if he were attending Kent State University, again, except that he can't skip classes.

"I receive the Ravenna Arsenal NEWS and it is enjoyed just as much, if not more, by the other fellows in my platoon who have earned most of their lives and have never worked in a factory or plant. The NEWS gives them an insight of how a plant is organized."

Pvt. Breckenridge was glad to hear that Load Line One has a new cafeteria, and said that now his buddies probably leave their lunch boxes at home. (Pvt. Breckenridge worked in Department 66, Line One before entering the Army.)

Arsenalites who recently entered the Armed Forces are Albert L. Grant, Akron, Department 66, Line One; Edward A. Liptak, Newton Falls, Department 87, Line Three; Richard A. Brown, Meadville, Pa., Department 190, Depot; Bert A. Croop, Ravenna, Department 194, Depot; Reed Mountain, Lake Milton, Department 31, Maintenance.

Regular, automatic saving eliminates worry. Join RAI Payroll savings today!

Healthful Hints About The 'Flu'

By DR. A. L. KNIGHT
RAI PHYSICIAN

An influenza, or flu, epidemic is in progress this winter. There are several varieties of flu. Flu, in the epidemic of 1918, was a more serious condition because of the greater number of complications and deaths. It is fortunate that the present epidemic is mild in nature.

You cannot avoid exposure to the flu virus unless you are completely isolated. Whether or not you suffer from the flu depends upon your resistance. If you are in good physical condition you may have the flu and never know it. If you are run down you may become very sick and even develop pneumonia.

Prevention of the flu is possible only in theory. Flu vaccines, if given before the epidemic, would help if the type of vaccine happens to be the same type as is present in the epidemic. Unfortunately that does not happen very often.

Avoidance of crowds, especially in poorly ventilated buildings, may reduce your exposure and lessen the severity of your attack of flu. Keeping in the best physical condition by obtaining sufficient rest, food and exercise will keep up your resistance or help lessen the severity of the attack.

If your attack is limited to a feverish head cold, the only thing you can do is outwear it in a week. If you have a fever, or develop a sore throat or cough, you should see your doctor. In most cases, he can avoid the complications which are the main causes for worry.

Meet Your Reporters

Covering the George Road Maintenance Shops for the Arsenal NEWS is Larene Powell, an old-time Arsenalite. During World War II (1942-46), she was a tool crib attendant and worked in various areas throughout the Arsenal.



POWELL

In September, 1950, Larene returned to the Arsenal and to a job in the George Road Shop Office, which is also her present day job.

She is a native of Bethesda, O., and graduated from high school there. She also attended Elliott Business College, Wheeling, W. Va.

Larene, who now lives in Newton Falls, is married and has two boys.

Artillery Primer Line news for the RAI plant newspaper is reported by Beverly Williams, clerk-typist in the A. P. Line Office.

A native of Bloomfield, O., Beverly is now a resident of Newton Falls and graduated high school there. She has been a RAI employee since October, 1952, and enjoys dancing and roller skating for recreation.

WILLIAMS She has been a RAI employee since October, 1952, and enjoys dancing and roller skating for recreation.

Engagements

LAZZARI-HALL

Mr. and Mrs. Albert E. Lazzari of Newton Falls have announced the engagement of their daughter, Carolyn, to Walter M. Hall, son of Mr. and Mrs. W. F. Hall, Newton Falls.

Miss Lazzari is a clerk-typist in the Production Planning Department and her father is chief clerk in Department 201, Stores. Prior to enlisting in the Navy, Mr. Hall worked in Department 190, Depot.

The wedding will be an event of late autumn.

News In Brief

A. P. Line

Cheryl Galloway, daughter of James and Jane Galloway, celebrated her ninth birthday anniversary on January 27 with a party attended by 33 other children.... Congratulations to Trelia and Paul Peltz, who celebrated their seventh wedding anniversary on January 25.... Hazel Crowe is the proud grandma of a baby girl, Patricia Ann, born January 27 to Mr. and Mrs. Carl Rummel (Hazel's daughter) of Ravenna.... Mrs. Crowe's son Robert, and his wife, from Fort Knox, Ky., are visiting at her home.

The A. P. Line welcomes two new members—Pauline Riley, a process inspector; and William Patterson, a maintenance man. Pauline formerly worked in Building 808, and Bill was transferred from Load Line One.... E. P. Babington, Line Superintendent, celebrated his 12th anniversary at the Ravenna Arsenal on February 2. Congratulations!.... The A. P. Line basketballers clipped the P. E. Line five by a score of 77 to 46 on January 27, but both teams came out fairly even when it came to counting blisters and charlie horses.

Ordinance Staff

Major C. E. Branson was guest of honor at a farewell dinner attended by many of his friends on January 16. The Major entered the U. S. Marine Hospital, Cleveland, on January 20 for necessary surgery, and following his hospitalization, he is scheduled for overseas assignment. He is expected to return to the Arsenal for a short period prior to his actual date of transfer.

Roland DeUnger, Adjutant's Office, motored to Niles, Mich., the weekend of January 10.... Office Services Branch received a card from Mary Szabo, who is making a tour through Florida with husband Andy of RAI Engineering. All is fine and sandy!

Surveillance—Ernest DeGraw is on temporary duty at the Columbus (Ohio) Ordnance Depot for the purpose of conducting an annual inspection of small arms ammunition.... Also away for a few weeks is Roy Fugitte, who is attending the Ordnance Technical Safety School at Indiana Arsenal and the University of Louisville.... Reviewing Field Service activities at the Arsenal recently were Messrs. Legare, Batkin, Jessen and Daichin of Raritan (N. J.) Arsenal.

Inspection—Ray Neass, Load Line One shift leader, and Harold Gray, inspector at Building 802, are back to work after a week's illness.... Joseph Osborne recently enjoyed a week's vacation.... Thirty-seven members of the Inspection Division received an opportunity to exchange ideas and gain instruction on inspection procedures during a training course conducted January 20 to 22. The course included instruction on drawings and specifications, standard sampling and personnel.

The Safety Office has established a field office in Load Line Two for the inspectors in order to facilitate their work.... Charles P. McKinley, Safety, was on the sick list for a few days.... Carroll Ruben, Operations, and Mrs. Ruben are quite happy these days since they received word that their son, Lieut. Carroll, Jr., is on his way home after a year's service in Korea and Japan.

Depot Area

Izetta Rogers, Bolton Barn Cafeteria, entered Robinson Memorial Hospital, on January 22. She will be hospitalized 10 days. Meanwhile, her husband "Buck", a munitions foreman, is learning the art of house-keeping.... Mrs. Mary Stewart, also of the Cafeteria force, has moved to a new address—199 Hill St., Ravenna.... Dorothy Crooks, New Milford, is the newest member in the Cafeteria department.

John Workman, an army reservist, left January 23 for a session of schooling at Fort Bliss, Texas.... David Shafer, munitions handler foreman, spent a recent weekend in his former hometown, Somerset, Pa. Dave also transferred to the afternoon shift, on January 26.... William Nerone, foreman at TW-1, is recuperating at his home in Mantua from a severe illness.... Two other Depot employees on the hospital list are Alvin Jones, Jr., who has undergone surgery twice in the past 10 days, and Clayton "Junior" Ridenbaugh, who is in Crile Veterans Hospital, Cleveland, for an ear ailment.

Olga Burkhardt, Depot Planning, was hostess to Louise Spencer and Nancy Kyser, Field Service Ammunition Office, in Leavittsburg on January 17. Louise is beaming these days because the new home her folks are building in Windham will be ready for occupancy about March 1. Her father, Bert is an old-time member of the Arsenal Fire Department.

Dorothy Greenwalt is the new nurse at the Bolton Barn Dispensary. She has been an Arsenalite for over a year and had been working in the main hospital. Dorothy is formerly of Salem, but now resides in Kent.

The long and serious illness of Charles Ekey, BB-223, has been unfortunately overlooked. Charlie has been in Robinson Memorial Hospital, Ravenna, since before Christmas with virus pneumonia. He is in Ward F.

Welcome back to Mary Gunn and Catherine Peterson, Dept. 191, who have been absent from work for several weeks with the flu.... Wishes for a swift recovery are extended to Dorothy Hoover, hospitalized with a leg injury, and to Bessie Hutcheson, who was admitted to St. Joseph's Hospital, Warren, for surgery on January 24.

Arsenalites recently attending the Ice Follies in Cleveland were: The Brooks, 2B6; Edith Davis, 2B6 and husband George; and Ronald Ekey, also of 2B6.... Rheta Loulin, Department 191, who works third shift at F-16, became a grandma for the fourth time on January 23 with the arrival of a baby girl, born to her daughter and son-in-law, Mr. and Mrs. Chester Wise, Atwater. Congratulations!

On the sick list are Ural Sherman, Gameliel Ferguson, Doyle Rader, Leon Johnson and Russell Gordon, all of Department 192. Get-well wishes to all!

Welcome to the new employees at U-14: Creed Hardman, James Kent, William Seeh, Robert Herron, Edward Hoover, Lewis Devlin, Newton Frame, Henry Mesko, Willie Williams, Robert Lederle and Hilbert Brackenrich.

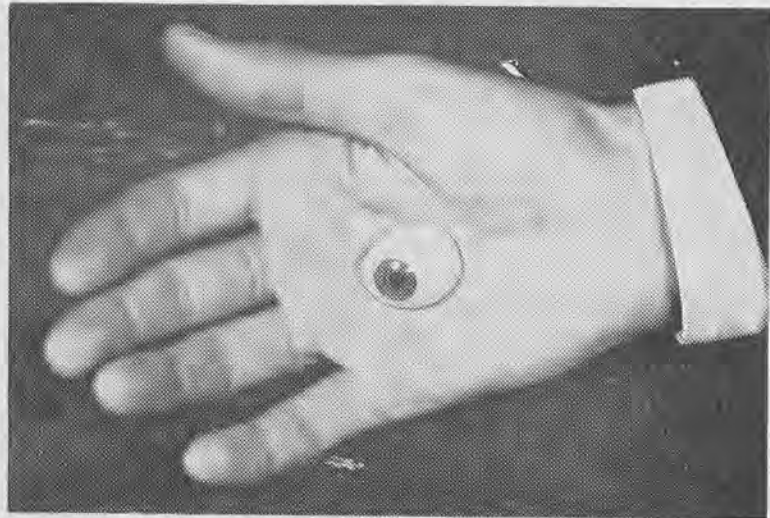
Fire Department

Welcome to our three new employees; A. L. Chaney, Newton Falls; Paul Osco, Atwater; and Joseph E. Myers, Ravenna. All three men were recently discharged from the Armed Forces and have had previous firefighter training.... Driver-Operator G. H. Stanley and Fireman Ray Rawson are recuperating at home from recent illnesses.... Flo Liskay, of the Fire-Guard Chief's Office, has returned after a week's illness.

Production Offices

Two new employees in the Traffic Department are Thomas Rawley, traffic supervisor, and Harriet Satolli, clerk typist. Mr. Rawley lives in Kent and was formerly employed by the Pennsylvania Railroad. Mrs. Satolli is a transfer from the Payroll Department.

Would You Like A Glass Eye?



"AN EYE FOR AN EYE...." That's the way the age-old saying begins, but when you get the eye shown above, for one of YOUR EYES that you lost through unsafe working habits, you will find that it is only good for looks. You can't see with it because it is a GLASS EYE! Don't lose your eyesight by being unsafe—wear your safety glasses, shield or goggles at all times. The Company provides this eye protection, so why not use it. Remember, "An eye for an eye...," and the one you receive is made of glass.

Laundry

Julia Lave recently joined our third shift operation. Husband John is a truck driver at the Main Garage, assigned to Laundry Service.... Edwin Thomas, discharged from the Navy in December, has joined our washroom staff. Ed took a special eight week course in laundry work at Bayonne, N. J., and Norfolk, Va. Ed has eight years background in the laundry field and his work took him to almost every foreign port and many naval bases in the United States.

Bertha Grafton has moved from her country place at Muzzy Lake and is now residing in Ravenna.... We are happy to have Beniah McNamara back after a prolonged illness.... Iva Hunk received a surprise visit from her son, Forrest, who recently arrived home on a two-week furlough from the Great Falls, Montana, Air Force Base.... Betty Maurer is missing from the line-up on second shift these days due to illness. We hope to have her back soon.

Load Line One

We are sorry to hear that John Drotar's mother, and Raymond Barker's wife, have been confined to St. Joseph's Hospital, Warren. Hope they both have a very speedy recovery.... For the first time in 25 years, Clara McKinley spent a happy reunion with her sister, Mary Johnson, from Modesto, Calif. During her sister's visit they journeyed to Canada.... Nina Emig spent a recent weekend visiting in New York City.... Ray Neass and Bob Hiker are back to work after a short siege of the flu.... Get well wishes are sent to Benny Steigerwalt's wife, Virginia, who was a patient at St. Joseph's Hospital.

New faces around the Line One Maintenance Shop are Carl Sundling, Bob Warner, Ray Moore, Bill Tinlin, and Lloyd Braumbaugh, who recently joined the Maintenance Department.... Guardmatron Evelyn Stone welcomed her son, Master Sgt. Russell Kramer, home from Korea last week. He was stationed in the Far East for the past 13 months. Following his furlough, he will be stationed in Quantico, Va. where he will serve as a radar instructor.

Employment Building

An emergency appendectomy has put Marian Capela, Arsenal NEWS Office, on the sick list. Marian was confined to the hospital for over a week, but is now recuperating at home.... Joanne Woodward, Employment, spent a recent weekend visiting friends in McKeesport, Pa.

Load Line Three

Guardmatrons Vivian Cole and Grace Cooper, formerly assigned to Line Three, are now on other lines due to the new rotation system.... Doris Wollenberg's condition has improved considerably since her illness on January 29. She is employed in Department 84, second shift.

Stores Stock Control

We have five new employees in the department and a hearty welcome is extended to all! They are: Mary L. Lyons, Newton Falls, graduated from high school there and spends her spare time playing a Hawaiian guitar.... Alma J. Koches, Warren, graduated from Lordstown High School and spends her spare time roller skating and horseback riding.... Mrs. Grace A. Cooper is from Girard, and her main recreation is dancing.... Mrs. Garnett Z. Montz, Ravenna, graduated from Edinburg High School and also attended Kent State University. Her main recreation is roller skating.... Mrs. Wilma L. Pierce, Windham, graduated from Union High School, Wheeling, W. Va. and also attended Elliott School of Business, Wheeling.... Mona L. Moser announced her wedding date will be April 12 at the Church of God, Ravenna.

Roads and Grounds

Roger McCarthy, a former employee of Roads and Grounds, has returned to work at the old Atlas area. Roger is a resident of Newton Falls and worked here during the summer months of 1952.... Roads and Grounds recently received a letter from Deryl Porter who is undergoing basic training at the Field Artillery Training Center at Fort Sill, Okla. However, he didn't say whether he came across any Ravenna Arsenal-loaded shells.

P. E. & I. Division

Mary E. Olson, new lab technician at the Control Lab, graduated from Ravenna High School and studied pre-med at Kent State University. Mary also served with the WAC's for two and one-half years.... Our two new Junior Process Engineers are Elmer Canfield, who transferred from Inspection and Warren Stewart of Akron, who transferred from Firestone. Warren is a graduate of Stanford University, is married and has three daughters. His hobbies are bow and arrow hunting and inventing and customizing automobiles.... Warren Strouse, who recently joined our materials inspection staff hails from Windham.

Four new department inspectors now working for P. E. & I. are: Dwight Woodford, Akron, works on Load Line One; Clarence Blurton, Kent, and Harry Swords, Garrettsville, are both working on Load Line Two; and Lester Nash, also from Akron, works on Load Line Three.... Wayne Rienies, formerly a department inspector, has transferred to Maintenance.

Comptroller's Division

Pat Cos wishes to thank all the administrative office girls who attended the baby shower on January 14 in the Main Cafeteria. The gifts were very lovely and certainly appreciated.

Weddings

SMITH-HOSTETLER

The Hilltop Methodist Church, Mantua, was the scene of the marriage of Lester Smith and Evelyn Hostetler on February 1. Both are residents of Mantua.

Attendants for the wedding were Jaunita Tousey and Almah Ist Glass Gerald E. Smith, brother of the bridegroom.

The new Mrs. Smith is the daughter of Mr. and Mrs. Dennis Hostetler, and Mr. Smith is the son of Mr. and Mrs. Harold Smith.

Lester works out of Building U-14, Depot, as a car bracer and was recently discharged from the Army after serving a year in the Far East.

SATOLLI-BROWN

Miss Harriet Brown, daughter of Mr. and Mrs. William Brown, was married to Phillip Satolli, son of Mr. and Mrs. Paul Satolli, on January 31. Both are from Warren, O. The ceremony was performed at St. Mary's Church, Warren.

The new Mrs. Satolli is a clerk-typist in the Traffic Department. The newlyweds will live in Warren upon returning from their honeymoon.



CONGRATULATIONS to Mr. and Mrs. Robert S. Hamilton, Akron, on the birth of a boy December 16. The new family addition was given the name of Mark Thomas. Mr. Hamilton is employed on Load Line One.

TERRY LYNN was the name given the new daughter of Mr. and Mrs. Richard J. DeFluiter of Kent. She was born January 5. Mr. DeFluiter is employed on Load Line One.

A GIRL to Mr. and Mrs. Walter T. Jenkins of Atwater. Alice May was born January 11. Mr. Jenkins is a Stores Stock Control Department employee.

CONGRATULATIONS to Mr. and Mrs. Willis Scott of Newton Falls on the birth of a girl, Denise Irene, born January 25. Mr. Scott works in Stores Stock Control.

A BOY to Mr. and Mrs. Lee Respress on January 25. The child was named after his father, who is employed in Department 86, second shift, Load Line Three.

—OAC Excerpts.

Overbalanced

While attempting to wash the top of a truck, an employee overbalanced the ladder on which he was standing, fell to the concrete and fractured his right arm. Temporary and improvised equipment should not be used in the place of standard equipment.

—OAC Excerpts.

Right or wrong? YOU BE THE JUDGE!





MARTHA PICCIONE is now back at her desk in the RAI Engineering Department after undergoing life-giving heart surgery.

Modern Heart Surgery Brings Health To Arsenal Employee

Modern heart surgery has added years to the life of Martha Piccione, clerk-typist in the RAI Engineering Department. Martha returned to her job February 16 after nearly three months of recuperation.

"I feel wonderful," she stated, "before my operation I required a lot of rest but now I work all day without getting tired."

Miss Piccione was a victim of mitral stenosis—a thickening of the essential mitral valve through which blood passes from one side of the heart to the other.

The condition could have been the result of an undiagnosed case of rheumatic fever in childhood. Doctors weren't sure—but the fact that the thickening was there was mighty important. It brought pain after exertion and caused spells of difficult breathing.

The operation—recommended by Dr. W. B. Webb of Ravenna, opened the valve and made a normal life possible.

THE SURGEON was Dr. Claude Beck, noted Cleveland Heart Specialist.

Martha's operation was not so rare, but it could not have been carried out at all without years of subsidized research into the workings of the heart and years of experimentation on animals.

Now 35, Miss Piccione was 23 when the trouble began. That was in 1941 before much of the present information on care of the heart was available. She was told she would be a permanent invalid and spent a full year in bed.

For the next five years she was allowed to get up but spent all her time at home at 1044 W. Mechanic St., Ext., not even going to movies.

LATER MEDICAL advice permitted activity. Most sufferers from heart trouble, doctors said, could lead reasonable normal lives.

Martha began to do commercial sewing at home and then attended Kent State University for a year and followed this with training at Boecker's Business College. She also began to go to dances two nights a week.

Martha started working here for Post Engineers on January 26, 1951, her birthday anniversary. Prior to that she hadn't worked for nine and one-half years.

But all the while the pain remained.

She entered Lakeside Hospital in Cleveland on November 12 and went under the knife six days later. She was released December 5.

She believes the cure is com-

Firestone Safety Director Speaks At Monthly RAI Supervisors Meeting

"You have to work for a good safety record, it just doesn't happen," stated Glenn D. Cross, Safety Director for The Firestone Tire & Rubber Company, at the recent monthly meeting of all RAI supervision.

Mr. Cross went on to say in his soft spoken Indiana voice that the more you put into a safety program, the more you get out of it.

"Good safety saves everyone money and physical suffering, and also the indirect costs of people leaving the job and the training of new employees," he added.

The Firestone Safety Director pointed out that safety helps to promote good housekeeping and thus improves the morale of the employees. Accidents hurt their morale.

He emphasized that good housekeeping is especially important when employees become lax and complacent while working with explosives. "The stuff can explode if it is not handled in a safe manner," Mr. Cross concluded.

After graduating from Purdue University with a degree in engineering, Mr. Cross took a position as Field Safety Engineer with the Kemper Insurance Companies, which comprise some of the largest fire and casualty insurance organizations in the country.

When he left Kemper Insurance in October 1942, to join Firestone, he was assistant safety director.

Mr. Cross started as safety director for the Firestone Synthetic Rubber Division and in May 1944 he was promoted to his present position of Safety Director for all Firestone plants.

Mr. Cross is a member of the American Society of Safety Engineers and holds a number of prominent offices in the safety field. He is a member of the Executive Committee of the National Safety Council's Rubber Section, is Chair-

man of the Summit County Safety Council's Industrial Division, and is Vice-Chairman of the Ohio Safety Congress Rubber Section.

Housing Service

If you have a room, house or apartment and can make it available to an Arsenal employee, contact the RAI Housing Office by phoning Wayland 7, Extension 411, or write to Services Manager, Ravenna Arsenal Inc., Box 98, Apco, Ohio.

The Housing Office will make this information available to employees in need of living quarters. RAI is not in the real estate business and there is no charge for this listing service.

Arsenal employees need good housing, will you help?

Martha's RAI group insurance policy covered all of her hospital expenses except \$77.

Steel Toe Powder Shoe Saves Employee's Toes



WOODIE BUSH (right) of Department 75, Load Line Two, shows Safety Supervisor Gene Davis the leg on the 150 pound steel tank that fell on his foot. Mr. Bush can smile because he was wearing his steel toe powder shoes when the accident happened. He suffered only a slight bruise while the tank leg ripped open the leather and dented the steel toe. Mr. Bush stated he is very thankful that he was wearing his steel toe powder shoes. "I'll always wear safety shoes when I'm working because that tank leg might have cut off my toes," he added. This was the first time Mr. Bush had anything fall on his feet.

Men's Bowling

Electricians moved from second place to the number one spot in the Wednesday Night League of the Arsenal Men's Bowling circuit. Truck Drivers dropped from first place to the number four spot and Ordnance Personnel moved into second place in the league.

Salvage and Stores are still leading in the Monday and Tuesday Night Leagues. Standings as of February 13 are as follows:

MONDAY NIGHT LEAGUE				
TEAM	W.	L.	Pct.	
Salvage	50½	25½	.667	
Load Line Two	47½	32½	.594	
Jolly Rogers	43	29	.593	
P. E. Foremen	47	33	.588	
P. E. Maintenance	37	43	.462	
RAI Guards	34½	45½	.432	
P. E. and I.	29	51	.362	
Checkers	24½	51	.323	

TUESDAY NIGHT LEAGUE				
Stores	54½	21½	.718	
Load Line One	47	29	.620	
Depot U-7	46	50	.607	
Industrialists	41½	34½	.548	
Stand-Ins	36	40	.475	
Manufacturing	34	42	.449	
Arsenalites	31	45	.409	
Ammo. Inspectors	17	59	.224	

WEDNESDAY NIGHT LEAGUE				
Electricians	44	24	.647	
Ord. Personnel	42	26	.617	
Rejects-	43	29	.588	
Truck Drivers	42	34	.554	
Old Timers	38	38	.500	
Engineers	28	44	.389	

Women's Bowling

TEAM	W.	L.	Pct.
Band-aids	41	13	.759
Elements	33	21	.611
Circlettes	31	23	.574
Recordettes	29	25	.527
Old Timers	27	27	.500
Post-Ettes	24	30	.444
Pleasant Valley	16	35	.314
Load-Ettes	12	27	.308

Engagements

GILL-STICKNEY

The engagement of Miss Ruth Gill of Akron to Robert Stickney, son of Mr. and Mrs. Harry Robert Stickney of Kent, has been announced by Miss Gill's mother, Mrs. Henry Pressler.

Mr. Stickney is an engineer in the RAI Time Study Department and his bride-to-be is employed by an Akron rubber company. No date has been set for the wedding.



GLENN D. CROSS

New Building For RAI Guard Force

Ground will be broken within the next few days for the construction of a new Guard Force Headquarters.

The structure will be built as a north wing to Fire Station No. One on George Road. Guard Headquarters are now located in the fire station.

W. B. Gibson Company, Warren contracting firm, has been awarded the contract to build the 165 by 32-foot one-story guard building. Their bid, among eight submitted, was \$94,212.60, the Huntington Corps of Engineers stated.

New headquarters will include locker rooms for both guards and guard matrons, weapons room, radio room, brick vault and a small auditorium for orientation of Guard Force personnel.

The contract also calls for the installation of utilities, including a 400-foot overhead steam distribution line, and bituminous paving for a parking area.

WHAT IS IRON WORTH?

A plain bar of iron is worth \$5.00. This same bar of iron when made into horseshoes is worth \$10.50. If made into needles, it is worth \$3,285.00, and if turned into balance springs for watches, it is then worth \$250,000.00.

POSTMASTER: If undelivered at the address given, kindly sender, stating reason therefor, return to Postmaster, Ravenna Arsenal, Inc., P. O. Box 98, Apco, Ohio.

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RAVENNA ARSENAL NEWS



Carelessness Makes A Big Man Only A Memory

Vol. 2, No. 4

RAVENNA ARSENAL, INC., APCO, OHIO

February 27, 1953

Raymond C. McDaniels Wins \$400 Suggestion Award

Nine Other RAI Employees Split \$125 For Their Ideas



THE OLD and the new way of removing fuze well cups from the noses of 155mm projectiles is demonstrated by Lawrence Steele, Akron, Department 84, and suggestion award winner Raymond C. McDaniels, right. Looking on is H. C. Gantt, Newton Falls, general foreman of Line Maintenance Department.

G. R. Carley Named Manufacturing Superintendent Of Lines One, Two

J. G. Thomas Is New Line Three Superintendent

Promotion of Gerald R. Carley to Manufacturing Superintendent of Load Lines One and Two, and the assigning of James G. Thomas as Load Line Three Superintendent has been announced by Paul Borda, General Manager.

Robert C. Merrill will continue as Manufacturing Superintendent of Load Line Three, Artillery Primer, Percussion Element and Ammonium Nitrate Lines.

Prior to the change, Mr. Carley was Line Three Superintendent and before that he was in charge of the A. P. Line.

MR. CARLEY started working for Ravenna Arsenal, Inc. in December 1951. However, the Arsenal was not new to him because he worked here for the Atlas Powder Company in 1942 as a general foreman in the Fuze and Booster Area.

That same year he transferred to the Con Can Ordnance Plant, Terre Haute, Ind., and from there he entered the U. S. Navy.

Mr. Carley attended the Pittsburgh (Pa.) Academy and is a native of Roulette, Pa. where he now makes his home with his wife and two daughters.



JAMES G. THOMAS



GERALD R. CARLEY

For recreation he enjoys reading and promoting and managing Little League baseball teams.

MR. THOMAS joined Ravenna Arsenal, Inc. as a line superintendent in October, 1952 but had been unassigned until now.

He is also a former Arsenalite having worked for Atlas in 1941-43 as general supervisor of shell and bomb loading. Mr. Thomas has spent most of his life working with explosives and before coming here he was at the Kansas Ordnance

Plant, Parsons, Kan. He is a native of Bethlehem, Pa. and a chemical engineer graduate of Lehigh University. Mr. Thomas, his wife and three children are now living at the Arsenal.

Peace on earth just doesn't happen — it requires work. Our troops in Korea are doing their part of the job. You're doing yours when you buy U. S. Defense Bonds. Resolve to buy them regularly on the RAI Payroll Savings Plan.

Raymond C. McDaniels, Line Maintenance Department, has been presented a \$400 suggestion award, the highest amount ever paid by the Ravenna Arsenal, Inc. Suggestion Board.

Suggestion awards for nine other Ravenna Arsenal, Inc. employees totaled \$125.

MR. McDANIELS designed an adapter for a pneumatic impact wrench for use in removing fuze well cups from the noses of 155mm and eight-inch projectiles that are to be renovated.

This suggestion eliminated a production bottleneck on Load Line Three and made the job easier on the operator. In the old method, the operator used a hand wrench.

This award gives Mr. McDaniels a total of \$520 for suggestions adopted. For a few hours of extra

IG Makes Annual Arsenal Inspection

Col. E. D. Regad, Inspector General from the Ordnance Ammunition Center, Joliet, Ill., conducted his annual general inspection of the Ravenna Arsenal from February 9 to 12.

Included in the IG's party were Lt. Col. A. L. Simpson, H. B. Abernethy, Jr., R. A. Whealy, Gordon Niles, W. F. Douville, E. L. Jensen, P. F. Morrison, O. M. Mims, P. M. Miller, B. A. Morgan, R. G. Dischert, P. H. Smith and William Oldan. Colonel Simpson was from Washington, D. C. and the others were from OAC.

The group inspected all phases of Ravenna Arsenal, Inc. and Ordnance activities. This was also the first time that OAC had conducted the annual IG inspection. Prior to this it was conducted by representatives from the Army command and technical services involved.

Red Cross Fund Drive Set For February 27 To March 6

The 1953 American Red Cross Fund Drive for Arsenal employees is now underway. The drive started with a kick-off meeting on February 27 and will continue until March 6.

Employees can make their donations either in cash or through payroll deductions and the money will be sent to any of the nearby counties designated by the employee.

MONEY COLLECTED by your Red Cross Chapter is used for the following: Veterans and Home Service, Disaster Service, First Aid Courses, Blood Program, Service Groups, Home Nursing, Nurse Recruitment and Junior Red Cross.

Veterans and servicemen receive emergency communication service, consultation on personal problems, assistance with government claims and emergency financial aid.

Disaster service provides prompt relief, food and clothing for individual and community catastrophes.

First aid courses teach emergency care in case of accident or sudden illness.

The district bloodmobile unit collects blood given by volunteer donors in your county for the Armed Forces, local hospitals and for a

work and thought, he has taken home an extra \$100 a month since September 1952. He is a resident of Windham and has been an Arsenal employee since November 1945.

OTHER Ravenna Arsenal, Inc. employees who received suggestion awards are: J. D. Wilhelm, line maintenance man from Ravenna, three \$10 awards; J. Cardarelli, Akron, Load Line Two, received a check for \$20 and John B. Mathy, Jr., Garrettsville, P. E. Line, netted \$15 for his adopted suggestion.

Ten-dollar awards were presented to the following: W. I. Hughes, Ravenna, Water and Sewage; Robert Kravichin, Kent, Transportation; George W. Suydan, Akron, Department 190, Depot; Louis A. McCormick, Garrettsville, Department 190, Depot; H. W. Sole, Ravenna, Transportation; and Samuel Christopher, Windham, Transportation.

Share A Ride

Many Ravenna Arsenal employees need rides to and from work. If you have space in your car, please contact the Industrial Services "Share-The-Ride" office, Employment Building, Extension, 411.

Remember, by giving your fellow worker a ride, you are helping to keep the shells rolling off the production lines and thereby helping the GI's fighting in Korea.

Special Delivery to all employees! Join RAI Payroll Savings now and start regular, automatic saving.

national plasma reserve. Red Cross funds are used in collecting and processing this blood.

YOUR DONATIONS to the Red Cross provides trained workers in canteens, motor service, staff aides, social welfare aides and volunteer nurses aides. These service groups offer cooperation to other community organizations as well as all Red Cross activities.

Home nursing instruction teaches simple nursing skills including supplement on atomic nursing.

The nurse recruitment committee provides registered nurses to serve when Red Cross Bloodmobiles visit your community, in disaster areas and during epidemics. They also serve as instructors in home nursing and nurses' aide training.

Junior Red Cross gives early training in community service, good citizenship and safety. The program emphasizes international understanding, goodwill, health and service.

News In Brief

Production Offices

Carmella DeSantis, Traffic, is recuperating at home from an operation. Best wishes for a speedy recovery....**Traffic Department** has two more members, **Janet Spies** and **Charlene Manners**. Janet is a transfer from Engineering and has been an Arsenal employee since November, 1952. Mrs. Manners is a native of Punxsutawney, Pa., where she graduated from high school in 1950. Charlene now resides in Newton Falls and likes to read when not writing to her husband, who is stationed at Ft. Leonard Wood, Mo....Welcome to **G. R. Carley**, new Manufacturing Superintendent of Load Lines One and Two....**Grace Sells**, Ammunition Stock Control-Field Service, was slightly injured in an auto accident on January 29, but has now returned to work.

A. H. Dessum is the new owner of a Welsh Corgi puppy. Mr. Dessum obtained the dog from Major C. E. Branson, who is a well-known breeder and shower of the Corgi. The dog is quite rare in this country....**Carmella Provenzo** is the latest addition to Ammunition Stock Control-Industrial Service. She is a resident of Ravenna and graduated from high school there in 1949. Her spare time is devoted to reading and knitting.

Comptroller's Division

Irene Quattro, Financial Accounting, is back after a three-week absence due to appendicitis....Back from Florida is **Betty Martin** after a sunny two-week vacation....**Mary Jane Martin** and her father also spent a vacation on the beaches of Florida....**Charles R. Hostetter** has assumed the new duties of control clerk with the Payroll Department. Charles is married, a native of Ravenna and enjoys golfing and fishing in his spare time....**Mrs. Penny Kehl** is one mother with less worries now that her son, ex-Sgt. **Thomas Mackey**, is home from service with the Air Force. Tom is now working for RAI, but plans to return to college soon.

Betty Pringle recently transferred from Load Line Three office to the Steno Pool. For recreation Betty likes dancing and skating....**Cliff Harriman** and **Walt Davis**, Purchasing, both had a week's battle with respiratory illnesses. Mr. Harriman had bronchial pneumonia while Mr. Davis was down with the flu....Belated wedding congratulations to **Gordon Seaholts**, Procedures Office, upon his marriage to the former **Maryalice Weller** of Plymouth, O. Mrs. Seaholts was formerly superintendent of the Music Department of the Kent (Ohio) Elementary Schools. They are making their home in Kent.

Ordnance Staff

Major C. E. Branson was released from the U. S. Marine Hospital, Cleveland, on January 30. The Major is required to take it easy but it is pleasant to have him back on duty, even for a temporary period....**Captain and Mrs. E. A. Healy** may well be the parents of the 1973 edition of "Bevo" Francis of present day basketball fame. Their newborn son, **John William Healy**, certainly got off to an early start by establishing a new Robinson Memorial Hospital record of 23 inches.

Eunice Slimak, Office Services, is attending night art classes at Akron University....**Charles R. Kemington**, Administrative Office, has returned from a meeting of Accountants at Omaha, Neb. Also returned from recent travels are **Charles R. Branfield**, Inspection, after a short visit to Joliet Arsenal and **Simpson Proctor**, Personnel, who participated in the Wage Board Supervisory Training Institute at Rock Island Arsenal....Sympathy is extended to **Ruth Beardsley**, Transportation, on the recent death of her sister, **Major Gertrude L. Beardsley**, an Army nurse stationed in Bordeaux, France.

Load Line One

Two members of supervision celebrated their wedding anniversaries this month. **The Robert Hilkers** marked their first on February 29 and the **Francis Brackles** their 20th on St. Valentine's Day....We are glad to hear that **Beulah Gore** is recuperating at home after undergoing surgery and that she will be back on the job soon....**Pauline Thomas** recently spent a grand weekend in Athens, O. where she attended the commencement exercise of her brother, **Dick**, at Ohio University. While there, Pauline attended several Theta Chi Fraternity parties.

The welcome mat has been extended to **Mona Moser** who is the new clerk-typist on our line. Mona hails from Windham and formerly worked for Stores Stock Control....The flu had Tom Reagan down and out, but he's now back at work....**Guard Carl Lohse** is back on his post after a short illness....Friends of **Guard Matron Virginia Curtin** will be glad to hear that she is recuperating at home....The office force honored **Marylou Brown** at a party on February 23. It was Lou's 21st birthday anniversary and her last day in the personnel attendant's office before transferring on the line. Loads of good luck, Lou.

Ammunition Inspection

Mrs. Gertrude A. Lee, clerk-typist, has returned to work after a long leave of absence due to illness. Its good to have her back....**Clarence Williams**, explosive operator, is confined to bed with the flu....**Pearl Koplin**, wife of **M. D. "Doc" Koplin**, returned home February 10 from Robinson Memorial Hospital and is recuperating nicely.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer

Photographer George Hoagland

REPORTERS: Jean Miller, Jane Mesko, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Bessie Hutcheson, Millie Miscevic, Barbara Ann Dell, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French, Elaine Tutoki.

From One Heart To Another



MEMBERS of the Arsenal Guard Force checking in at Post 20, McClintocksburg Gate, donated the above "pocket change" to the National Heart Fund within a 17-hour period. Shown above looking over the donations are Guard Guy Thompson of Windham and Sgt. George Donnelly of Kent. The "red hearts" have been placed throughout the Arsenal for the benefit of employees who wish to donate to this worthy fund. The money is used for research to help combat heart diseases.

A. P. Line

We are glad that **Ed Lyman** is home from the hospital and is feeling better....Congratulations to **Jane** and **James Galloway** who celebrated their 11th wedding anniversary on February 14....Everyone on the line wishes to express their deepest sympathy to **Mrs. Alverna Brandon** on the recent death of her husband....**Irene Wright** and husband **Wilbur** really enjoyed their trip to Miami Beach, Fla. where they visited son **Jim** and his wife.

Load Line Three

Guard George Holmes, formerly assigned to the line, is currently working on an exterior post....Attending the Ice Follies in Cleveland on January 31 were **Betty** and **Andy Flegal**, the line's nurse and equipment expeditor respectively....**Raymond McDaniels**, maintenance, was recently transferred to Ammonium Nitrate Line....A quick recovery enabled **Verne Vandenberg**, maintenance foreman, to return to work without too much lost time after having the flu.

Roads and Grounds

Louis Arona, Alliance, has returned to work after being hospitalized at Chillicothe Veterans Hospital since November 28.

Depot Area

Izetta Rogers has returned to her Arsenal home after undergoing an operation at Robinson Memorial Hospital. Husband **Wilbur** says she is recuperating rapidly. Izetta is a waitress at Bolton Barn Cafeteria....**Bert Spencer**'s nearly completed home in Windham had a "house warming party" all by itself on January 30 when fire destroyed part of the house. Insurance covered the major portion of the damage but the Spencers will not be able to move in, as planned, on March 1. Mr. Spencer is with the Arsenal Fire Department and his daughter **Louise** works in the Depot Administration Office, Bolton Barn....Eleven-year Arsenal veterans are **Jesse Whiting** and **Dominic Mancini**, munitions handler foremen, and **Abdul Burketh**, lift-truck operator. Mr. Mancini also has the longest term of continuous service as a foreman in the Depot....**William Nerone**, IW-1, returned to work after being off for several weeks due to illness....The flu continues to take its toll in Department 192; latest to succumb is **Jim Workman**.

Industrial Relations

Jeanette Smedi recently transferred from Production Planning to Time Study Department....**Jim Slocum** is the new Time Study Engineer. He is the father of two boys and resides in Stow....**Eugene Davis**, has been promoted from inspector to supervisor in the Safety Department. Mr. Davis resides in Ravenna....**Ida Mae Ellis**, Industrial Relations Office, was off for a few days with the flu.

Hallie Lou Eidson is the new clerk-typist in the processing section of the Employment Office. She is a native of Ravenna and graduated from high school there in 1949. Her hobbies are sports....**Dick Viernitz**, **Lois Hull**, **Margaret Chionchio** and **Mary Padovani** were off sick with the flu, but are now back on the job.

Percussion Element Line

Kenneth E. Hawkins, son of **Eugene Hawkins**, line foreman, has been transferred from Robinson Memorial Hospital, Ravenna, to Childrens Hospital in Akron....**Randal Tekely**, son of **Edward Tekely**, has recuperated from a recent tonsil and adenoid operation....We were sorry to hear of the recent death of **Velma Thomas'** mother.

Stores Department

New Department 61 employees in Building 808 and 809 are **Joyelyn Morrow** and **Florence Kapusta**. Mrs. Morrow is the new stenographer for **W. F. Helmkamp**. She is also a recent bride of January 23 and a Ravenna resident. Joycelyn attended Youngstown College and Kent State University and is a member of the Chi Omega Sorority. Her favorite pastimes are swimming and playing bridge....Mrs. Kapusta, the new clerk-typist in Building 808, formerly worked at the Arsenal for the Atlas Powder Company from 1943 to 1946. Mrs. Kapusta and her family make their home in Ravenna.

Suggestions For Home First Aid

by **Dr. A. L. KNIGHT**
Plant Physician

These home first aid suggestions apply only to minor injuries where you would not think of calling a doctor.

Small cut with a sharp object — If the wound looks clean and has bled, all that is needed is a dry clean dressing.

Bruise — Apply cold wet towels as frequently as possible for the first 48 hours. After that use hot applications. Keep the injured part above the shoulder level when possible to avoid swelling.

Sprain — If accompanied by swelling treat as a bruise; if no swelling apply damp heat and mildly exercise the injured part. If the injured part is an ankle, walk with a little more weight on the heel and keep the toes pointed straight ahead.

Swallowed poison — If a doctor is not immediately available and you do not have the antidote, drink milk, the more the better.

Eye — If an acid, alkali or unknown solution splashes into the eye, rinse immediately with a lot of water.

Fainting — Keep fainting person's head lower than body. If sitting, bend the head forward to the knees. If lying down, elevate the legs and don't use a pillow under the head.

Meet Your Reporters

Reporting is not new to Suzette Ledgerwood, Arsenal NEWS reporter for the Guard Force, because she once worked on a college newspaper.

Suzette attended Whitworth Junior College, Brookhaven, Miss. for one and one-half years while majoring in pre-nursing. She is a graduate of Harding High School, Warren.

She is now working in the Guard Force Headquarters Office and started with RAI in November, 1951. Suzette was born in Chicago, but has lived in Warren for the past 20 years.

Arsenal NEWS reporter for the Ammunition Inspection Branch is Millie Miscevic.

A native of Warren, O., Millie has been a Ravenna Arsenal employee since June, 1948. She started working for Post Engineers and in 1950 Millie transferred to the Ordnance Surveillance Division.

In March, 1952 she transferred to Ravenna Arsenal, Inc. and to the Surveillance counterpart, Ammunition Inspection.

Millie graduated from Cort' High School and is at present attending Warren Business College.

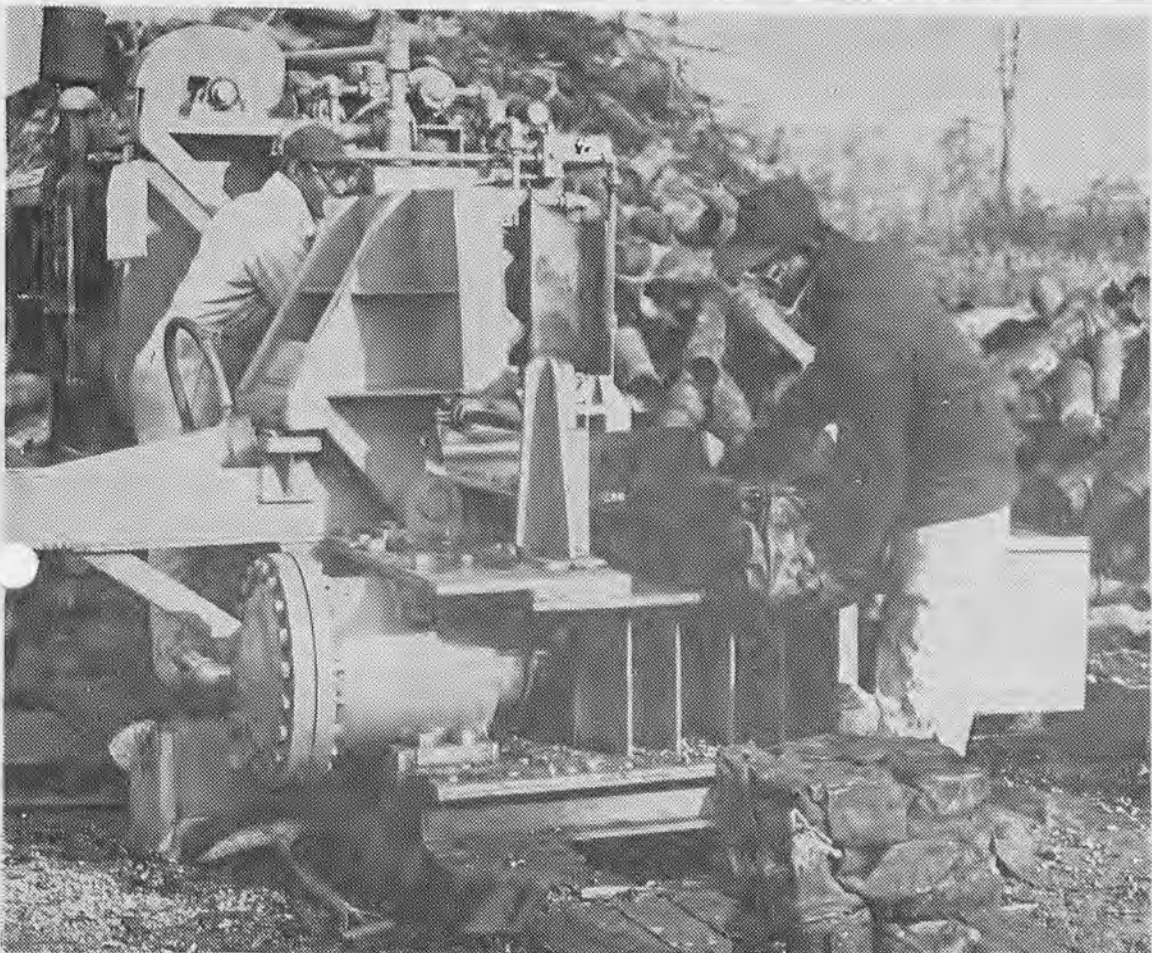
Weddings

HARDY-VANDERVORT

Jean Vandervort and Franklin Hardy, both of Warren, were married February 14 at the Southington Methodist church by Rev. Theodore Hubbell.

Parents of the bride are Mrs. Hilda M. Zeller, Cortland, Ohio and William H. Zeller, Dunbarton, N. H. The newlyweds are both graduates of Cortland high school and Mr. Hardy also attended Ohio State university where he played football.

Jean, a chauffette, works out of the Main Garage and her husband is supervisor of the City Income Tax Department, Warren, Ohio. They have taken up house-keeping at 406 High st., Warren.



REMOVING a "compressed package" of steel cartridge case containers from the new hydraulic baler is Edward Robertson of Windham. Baler operator is Dock Chenault of Akron. In the background are the obsolete scrap containers before being compressed for shipment.

* * *

Scrap And Salvage Job Saves Money For U. S. Taxpayers

Thousands of dollars are saved each month for American taxpayers through the reclaiming operations of the RAI Scrap and Salvage Department.

Once referred to as the junk business, it now is known as the scrap industry and is a vital and important link in the economic productivity of America.

This RAI department, devoted entirely to scrap and salvage work, acts as the receiver of all scrapped material collected throughout the Arsenal.

But the big job is separating the scrap from material that can be salvaged for use again here, and preparing and sorting the scrap into the various categories. This preparation increases the monetary return.

To accomplish the job, the department's scrap yard is equipped with a metal shear, cutting torches, magnetic crawler crane, scales, high-lift, trucks and small hand tools.

To improve the handling of certain types of scrap, a new hydraulic baler was recently set up in the yard for baling sheet scrap and strapping bands.

This baler can squeeze together six to eight large cartridge case containers at a cost of only \$2.50 per ton. Between 50 to 60 tons of this type of scrap can be loaded in a railroad gondola car.

If shipped loose, the car must be cribbed in order to load a minimum of 20 tons of scrap. Labor and material for this method costs \$5 per ton. The compressed scrap also gets a higher price.

THERE ARE 33 grades of scrap steel, exclusive of alloys, 39 grades of railroad scrap, 35 grades of cast iron, five grades of copper, 30 grades of brass, four grades of aluminum and three grades of lead. In addition there are 40 grades of paper, and various grades of zinc, tires, tubes, rags, rope and miscellaneous odds and ends.

The scrap industry has experienced a great evolution during the past 10 years. Most manufacturing concerns have become scrap conscious and worn out property is not discarded as junk because it is valuable.

The Army followed this trend by setting up scrap and salvage branches at its various installations in order to save a large portion of the taxpayer's expended dollar.

MATERIAL sent to the Arsenal burning grounds has no scrap or salvage value. Lumber contaminated by explosives, even though it is

new wood, must be burned for safety purposes.

Lumber collected from all sources is processed for scrap or salvaged for use again here. Even packing cases are salvaged. Uncontaminated scrap lumber is sold to Arsenal employees for kindling wood.

All TNT or explosive contaminated metal materials are flashed (burned) with a fire under it by the Ammunition Inspection Branch. It is then inspected to insure that no explosive remains in the material before being sold for scrap.



TOMMY GUN: THE PAYROLL SAVINGS PLAN IS AN INSTALLMENT PLAN FOR THRIFT — A GOOD BUY NOW!

Fireproof Buildings Protect Employees And Their Families

Have you ever thought about how the construction of the building in which you work or live affects your safety from fire. Most employees give this matter a fleeting thought which is quickly lost in the hustle of our modern day living.

Codes and standards governing construction have been set up to guide and protect all of us who work and live in buildings of every type.

Material used in construction, as well as the building plan, are important basic considerations, which may one day become an urgent matter involving your own life.

Buildings and homes constructed of approved fire resistant material with enough exits and devices to retard the spread of fire will give you and your family a chance to leave the premises safely. It will also slow the spreading of the fire until help can arrive.

Certain types of prefabricated dwellings have been proved to be death traps. They will burn quickly, even before the most efficient fire department can respond. This happens because no fire retardant material is present and the walls and partitions are made of flammable, fibrous material. Also, enough exits are not provided.

Faulty chimney construction and sub-standard heating plants with inadequate controls can also start a fire. It then spreads to walls having no fire-stops between studs and races upwards from floor to floor, spreading rapidly. Often, the fire is not discovered until it breaks through into the attic or through the roof.

In Memoriam

CARL H. SCHELL

Funeral services were held February 23 for Carl H. Schell, an old-time Arsenalite. Interment was in the Newton Falls Cemetery. Mr. Schell died February 20 at Robinson Memorial Hospital in Ravenna after a week's hospitalization.

He started working for RAI in February 1952 as a storekeeper in Building 809. From 1941 to 1947 he worked for Atlas Powder Company as a payroll auditor and for Ordnance as civilian personnel officer. Before coming to the Arsenal in 1941, Mr. Schell had over nine years experience as a storekeeper.

Mr. Schell attended the War Department Personnel School in Washington, D. C. and studied accounting from LaSalle Extension University.

He had lived in the Windham area for nine years and his home was at 113-B Maple Grove Road. He was a native of Alliance. Mr. Schell is survived by his wife, his mother, a daughter, three sons and a sister.

HENRY STRATEN

Burial services for Henry Straten were held in Edgewood cemetery, Wellston, O., on February 10. He was the father of Garland Straten, tool crib attendant at the Main Garage, and had passed away February 8 at his son's home on RD 1 Ravenna. He was 83 years old.

Arsenalites In The Armed Forces

New military addresses have been received from the following: A-B Ernest L. Skilton, AF 15499-805, 3663 BNTS, Ft. 2247, Sampson Air Force Base, Geneva, N.Y., a former Load Line Two employee, and 2nd Lt. Donald H. Dunaway 01872731, 113th Co., 2nd Student Regt., Fort Benning, Ga., a former Department 31 employee.

Arsenalites who recently entered the Armed Forces are: Lorenzo W. Hancock, Alliance, Department 194; Johnnie L. Hollis, Ravenna, Department 65; John S. Lyons, Newton Falls, Department 66; Simuel Washington, Akron, Department 84; Ellis W. Wilson, Brady Lake, Department 75.

Also Donald D. Adams, Kent, Department 194; James Brunson, Akron, Department 66; John A. Flegal, Windham, Department 173; John E. Sapp, Kent, Department 194; Robert W. Wagner, Akron, Department 65.

Cpl. Ronald R. Rogers, son of Raymond Rogers who is a stores attendant at Building 809, was recently transferred from Sheppard Air Force Base, Texas to Scott Field, Ill. Cpl. Rogers is a line mechanic and has been in the Air Force one year.

A change in military address has been received from Donald L. Baird AA 572-27-66, Co. 5, Brks. 74, NAITC, Norman, Oklahoma.

Homes having no basements generally provide poor access to wiring beneath the ground floor where many fires start.

Electrical controls such as fuses and circuit-breakers are your constant watchdogs, which protect your electrical circuits from overloading and subsequent overheating. Safe, approved wiring and controls will protect you — unsafe will endanger you.

These are just a few of the construction matters which directly affect your safety and your investment in a home as well as the security of your job.

Remember, no matter how well a building may be constructed, if the housekeeping is poor, you have established a dangerous fire hazard.

Voice of Firestone Program for March

A variety of music, both popular and classical will be featured on the Voice of Firestone program during March.

Guest artist on March 2 will be Ferruccio Tagliavini. The program will include: Midnight in Paris; Mattinata; Waltz from "Faust"; Una Furtive Lagrima from "L'Elisir D'Amore"; At Parting, Overture to Mignon; Comme Facette Mammata.

Hilde Gueden will appear on March 9. The program will include: Song of the Flame; I Give My Heart; Rosita; Quel Guardo Il Cavaliere from "Don Pasquale"; Yesterdays; Venusberg Music-Ov; Tannhauser; Czardas, from "Die Fledermaus."

ON MARCH 16 Eugene Conley will be the guest singer. The program will include: Drums in My Heart; Song of Songs; Sabre Dance; Il Mio Tesoro from "Don Giovanni"; I Hear You Calling Me; Voices of Spring; My Wild Irish Rose.

Guest artist on March 23 will be Nadine Conner. The program will include: Beyond the Blue Horizon; Out of My Dreams; Rustle of Spring; Un Bel Di, from "Madame Butterfly"; Romanian Rhapsody; Love's Own Sweet Song, from "Carmen."

Eleanor Steber will make her appearance on March 30. The program will include: Hosanna; I Know That My Redeemer Liveth from "The Messiah"; Intermezzo from "Cavalleria Rusticana"; The Holy City; Agnus Dei; The Omnipotence.

Girl Scout News

Arsenal Girl Scouts are selling Girl Scout candy and cookies in order to raise funds for their activities. Orders can be given to Mrs. G. R. Sanders, Extension 8166, or by mail to Quarters P, Staff Circle.

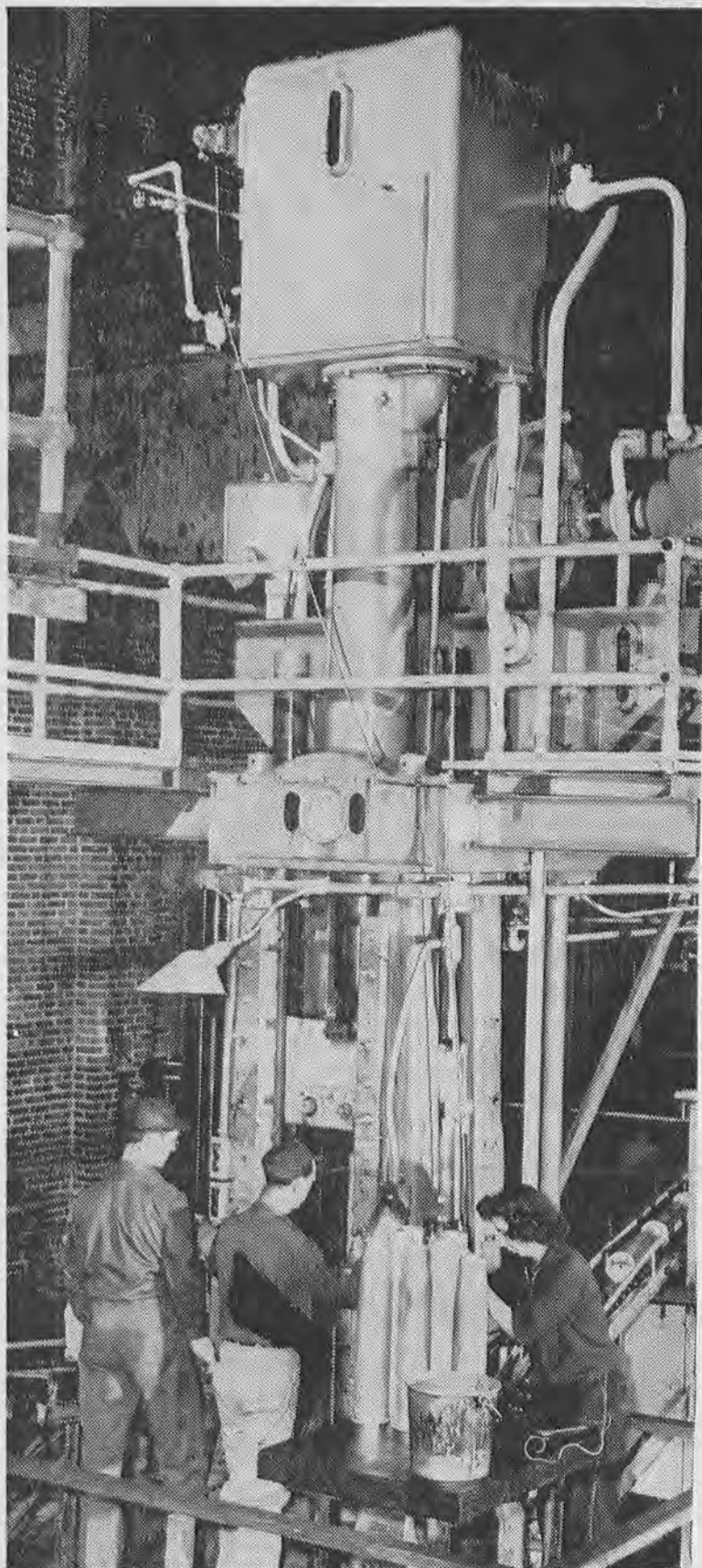
Senior scouts have completed their swimming course at the Warren YWCA. A new course is being started for the Intermediates since they must be able to swim before being a qualified Marine. Mrs. L. E. Humphreys will take the scouts to Warren every Friday and a new scouts who are interested should dial Extension 8163.

The Seniors and Intermediates are taking a first aid course at their regular meetings. They are also taking animal first aid. The scouts will visit a veterinarian in Ravenna and have already visited the Isaly Dairy Farm near Youngstown.

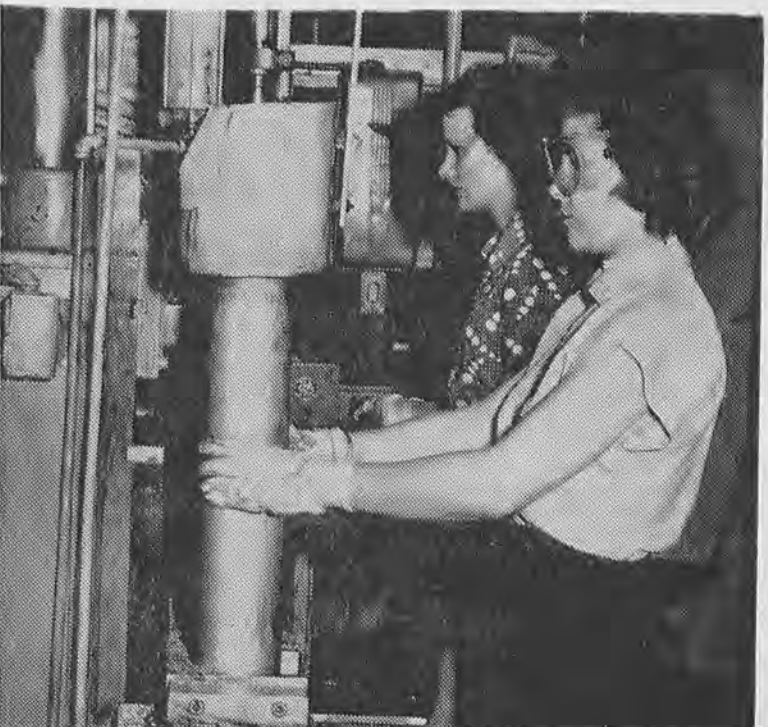
Girl Scout Leaders and committee members will have Mrs. Vernon Latimer, Lone Troop District Counselor from Cleveland, as guest speaker at their next meeting. Mrs. Latimer will talk on financing and planning the annual camping trip.

Start RAI Payroll Savings for Defense Bonds this year — and be really thankful in 1963.

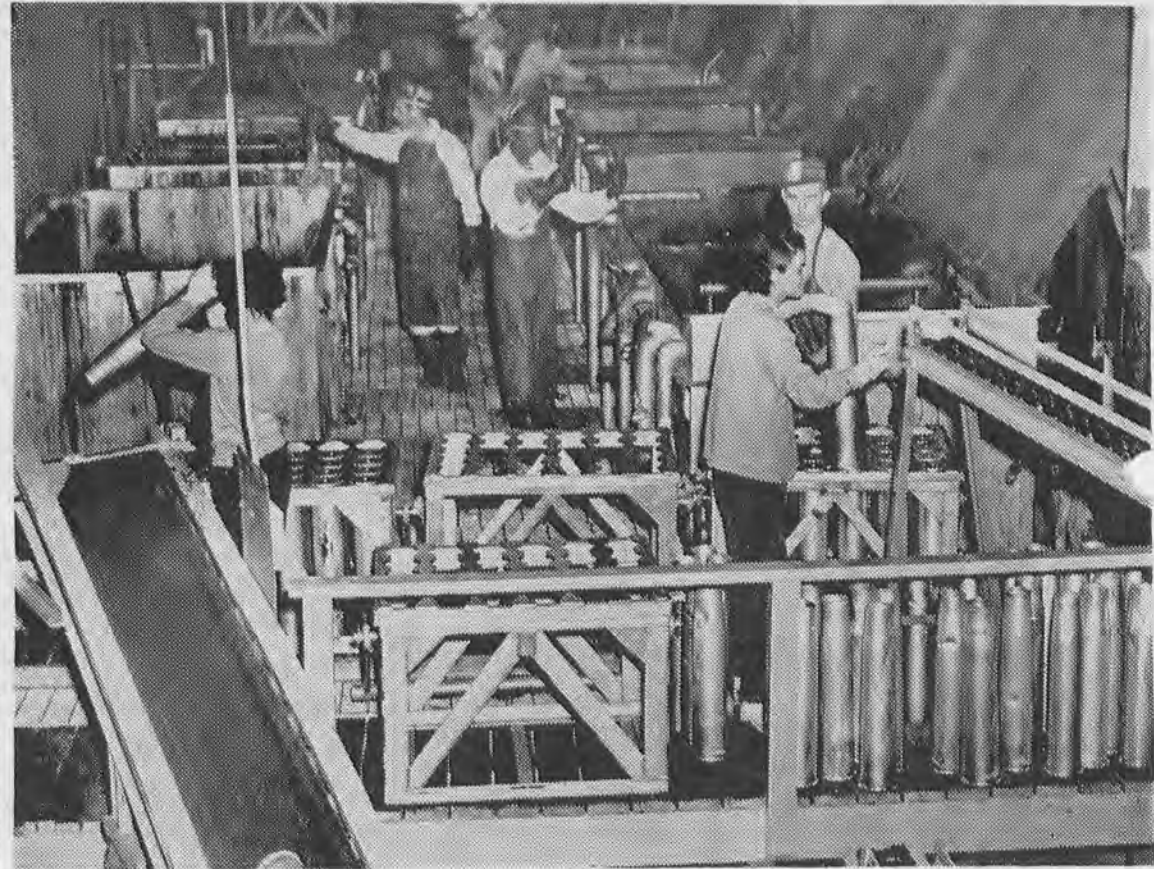
RAI Starts New-type Shell Renovation Operation



THIS HUGE 75-ton press re-sizes the bodies of the used 90mm cartridge cases. Operating the press is Ernest Linebaugh (center), from Berlin Center. Jesse Stamper (left), from Brady Lake is the helper and applying the lubricant to the shells before they go into the press is Bonnie Linebaugh also from Berlin Center.



OPERATING the mouth re-sizing machine for the 90mm cases, in the back, is Jean Wujick of Newton Falls. Trimming the mouth of a shell is Doris McCall of Leavittsburg. The spent cartridge cases go through this operation after being body re-sized.



USED 90MM cartridge cases are chemically cleaned twice during the renovation operation on the A. N. Line. Removing shells from the basket on the right are O. P. Byrnes of Warren and Don White of Newton Falls. These shells have been through the chemical baths on the right and are then placed on the conveyor leading to the body re-sizing press. Removing a shell from the conveyor on the left is Dorothy Morris of Windham. The shells come from the mouth re-sizing and trimming machines and are again chemically cleaned. In the background operating the chemical baths are Harry Tsesmilles of Warren (left), and Robert Davis of Akron.

First Place Teams In Men's Bowling Hold Slim Margin

The three first place teams in the Arsenal Men's Bowling circuit are holding their lead by a slim margin. The top four teams in the Monday and Tuesday night Leagues are separated by only 10 points of winning their respective league crowns.

Keen competition is expected as the teams head for the home stretch. They will wind up their 1952-53 season the week of April 20. Standings as of March 13 are:

MONDAY NIGHT LEAGUE				
TEAM	W	L	Pct	
Salvage	60½	31½	.653	
Load Line Two	55½	36½	.599	
Jolly Rogers	52	40	.562	
P. E. Foreman	51	41	.551	
P. E. Maintenance	42	50	.454	
RAI Guards	38½	52½	.427	
Checkers	34½	57½	.373	
P. E. and I.	34	58	.367	

TUESDAY NIGHT LEAGUE				
Stores	60½	27½	.690	
Load Line One	57	31	.650	
Depot U-7	52	36	.593	
Industrialists	51½	36½	.587	
Stand-Ins	41	47	.467	
Manufacturing	39	49	.445	
Arsenalites	37	51	.422	
Ammo. Inspectors	17	71	.194	

WEDNESDAY NIGHT LEAGUE				
Electricians	52	28	.650	
Ord. Personnel	49	31	.613	
Rejects	51	33	.607	
Truck Drivers	48	40	.547	
Old Timers	42	46	.479	
Engineers	31	53	.369	

Women's Bowling

Team standings as of March 13 for the Arsenal Women's Thursday Night Bowling League are:

TEAM	W	L	Pct
Bandades	49	17	.743
Circlettes	39	27	.595
Elements	38	28	.577
Old-Timers	37	29	.560
Recordettes	36	30	.555
Post Elites	30	36	.455
Pleasant Valley	20	43	.316

SURE FOOTING

An employee suffered a fracture of three vertebrae as a result of a fall from a dock on which he was handling empty containers. Employees should obtain sure footing while working on elevated surfaces.

—OAC Excerpts

Used 90mm Cartridge Cases Are Renovated Not Scrapped

Used 90mm cartridge cases are now being renovated on the Ammonium Nitrate Line at a tremendous saving to American taxpayers.

Renovation of cartridge cases is entirely new to the Ravenna Arsenal and to the Ordnance Corps. It was started to ease the shortage of brass cases and save money.

This new operation, as performed by Ravenna Arsenal, Inc., saves over 70 per cent of the original cost of a new 90mm cartridge case.

The used 90mm cartridge cases are received for processing on the A. N. Line from incoming freight cars and trucks, and are moved between operations by conveyors.

THE ENTIRE case is re-sized in addition to the special attention given the case mouth which requires reshaping as well as re-sizing. Excessive dents are hammered out.

After re-sizing and mouth annealing, the cases pass all basic requirements as to size and primer holes. The principal requirements are to clean the cases so as to eliminate all objectionable foreign material and, particularly, to remove corrosion.

The cleaning is done with the use of water, sulfuric acid, a mixture of sulfuric acid and dichro-

mate, plus several rinses.

During body re-sizing, the cartridge case is treated with a drawing compound which must be removed and this is accomplished by dipping it into alkali and water rinses.

After chamber gauging and final inspection, the cases are given a stamp and assigned a lot number. They are then moved into out-going freight cars and trucks.

All used 90mm cases are processed for this renovation job. Only the ones that are badly dented, distorted or cracked are scrapped.

Maj. C. E. Branson Leaves for Duty In Far East Command

Major C. E. Branson has been relieved of his assignment as Ravenna Arsenal Executive Officer and will leave the latter part of March for an overseas assignment in the Far East Command.

He came here in November 1950 as Training Officer and actively handled the establishment and development of the Training School Program. The school received national recognition for its effective ammunition supervisors course.

A native of Tifton, Ga., Major Branson has been in the Army for 16 years, including a 45-month tour of duty overseas during and after World War II.

The Major and his wife, whom he met while stationed in England, are well-known in this area as owners of prize-winning Welsh Corgi dogs. Mrs. Branson plans to continue their Wayland residence after the Major leaves.

POSTMASTER: If undelivered at the address given, notify sender, stating reason in writing, and return to Ravenna Arsenal, Inc., P. O. Box 88, Apco, Ohio.

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RAVENNA ARSENAL NEWS

Vol. 2, No. 5

RAVENNA ARSENAL, INC., APCO, OHIO

March 18, 1953

'Safety's Smart, Do Your Part' Is New Slogan



PAUL BORDA (left), General Manager, congratulates George Derr as he gives him the first place award for turning in the winning safety slogan. Looking on are Robert L. Baumgardner, second prize winner, Kathryn Force, Russell T. Moff and Donald E. Lisk.

George Derr, RAI Paint Shop Employee, Is Contest Winner

George Derr, Paint Shop employee, has been awarded first prize in the 1953 Ravenna Arsenal, Inc. Safety Slogan Contest. His slogan, "Safety's Smart, Do Your Part", was picked from over 5,000 slogans submitted to the Safety Department.

Mr. Derr, a resident of Newton Falls, received a total of \$35 in prize money. His slogan was also the winner in Unit One for which he received \$10.

A native of Tamaqua, Pa., he has worked at the Arsenal Paint Shop since 1942, except for a year as government paint inspector at the Windham Housing Project.

Mr. Derr submitted 10 slogans. He said this was the first time he has ever won a contest.

SECOND PRIZE of \$15 went to Robert L. Baumgardner, Suggestion Department. His slogan "Safety Saves Sorrow" was also the winner in Unit Three for which he received an additional \$10.

Mr. Baumgardner, a native of Akron, turned in five slogans and

was also a first-time contest winner. He said it was a novelty for him to receive an award check since he is usually handing out suggestion award checks to Arsenal employees.

The other three unit winners received \$10 awards and were all first-time contest winners. Russell T. Moff, Ammonium Nitrate Line, submitted only one slogan and carried off first prize in Unit Four. His slogan was "Don't Learn Safety Rules by Accidents."

Mr. Moff is a native of Atwater. Winner of Unit Two was Donald E. Lisk, Department 192, Depot. His slogan was "Be Accident Free In '53," one of nine that he submitted. He is a Ravenna resident.

WINNING SLOGAN in Unit Five was "Safety For Me In '53", turned in by Kathryn Force, an inspector on the P. E. Line. Mrs. Force, a resident of Newton Falls, submitted four slogans.

C. W. "Benny" Steigerwalt, Captain of Unit Five, received a \$5 award for having the unit with the greatest number of slogans in the contest. Mr. Steigerwalt gave all the credit to his co-captains, D. E. "Pete" Lynds and Earl Babington, for the response in Unit Five. Mr. Steigerwalt then turned his award over to the Arsenal Red Cross Fund Drive.

Unit One, under Captain John Duer, had the greatest employee participation among the five units. All judging of the safety slogans was done without the judges knowing the employees names. Judges for the final selection were E. R. Sanders, Jr., P. E. and I. Division; C. W. Kirkpatrick, Specification Engineering; Harold W. Elgin, Guard Force; Bonnie Miller, A. N. Line; Earl Babington, A. P. Line; Everett Mitchell, Safety; and W. H. Wedman, OCIR Stores.

Bloodmobile to Visit Arsenal April 3

Your Pint of Blood Aids Our Korean Wounded and Your Family Two Ways

The pint of blood you give to the Red Cross Bloodmobile benefits you and your family two ways. It also aids our wounded military personnel in Korea and in hospitals at home.

The Bloodmobile will make its ninth Arsenal visit on April 3. The unit will be at the Arsenal Hospital from 9 a. m. to 3 p. m. for employees who wish to give blood.

Some of the blood goes to our Armed Forces, some goes to the Cleveland Blood Bank for use by you and your family in case of personal or national emergency, and the remaining blood will be converted into gamma globulin, the new serum for preventing paralysis in polio victims.

FAMILIES of two Arsenal employees have received blood from the Cleveland Blood Bank because the employees gave blood during the past Bloodmobile visits here.

A sister-in-law of Captain S. C. Casbourne, RAI Guard Force, received two pints of blood at the Ashtabula General Hospital. Captain Casbourne, a five-time donor, contacted the Red Cross.

Other Arsenal employee, Nell Madonio of Building U-3, Depot, presented his blood donor's card and his wife received eight pints of blood at Youngstown's Northside Hospital. Mr. Madonio is a four-time donor.

There was no charge for the blood in either case. During this first six-month period of 1953 the Red Cross has a quota of one million pints of blood, which will be converted into gamma globulin, the polio serum.

THE RED CROSS has already turned over to the Office of Defense Mobilization 1,714,996 cubic centimeters of gamma globulin which will provide 245,000 average polio shots for national distribution by the ODM this coming summer to be used in the prevention of paralysis from poliomyelitis.

This was the first consignment of the blood fraction which the Red Cross will provide the ODM under an agreement of last De-

Handicap Tournament For Arsenal Bowlers

Plans are underway for staging the first annual Handicap Tournament for members of the Arsenal Bowling Leagues, the Recreation Department announces.

Tentative date for the tourney has been set for April 27 to May 8. Entry blanks are now available at the Arsenal Bowling Alley.

Twelve Suggestion Awards Approved During February

Twelve suggestion awards have been approved by the Ravenna Arsenal, Inc. Suggestion Board for February. The highest single award, \$30, was won by Claude A. Lovett of Newton Falls.

Mr. Lovett, who works in the George Road Carpenter Shop, suggested improved facilities for the removal of sawdust from the collector.

CHECKS for \$10 each were presented to Carl F. Werschey, Department 194, and E. M. Leonard, Department 9. Their duplicate suggestions were for the installation of racks for gasoline cans on personnel trucks. Mr. Werschey lives in Newton Falls and Mr. Leonard is a Ravenna resident.

Three other RAI employees received \$15 each for their adopted suggestions. They are Robert Shearer from Akron, who works on the Ammonium Nitrate Line; Edward A. Read from Newton Falls, a mechanic in Department 10; and Mike Masika from Garrettsville, a truck driver in Department 9.

The remaining suggestion winners each received \$10. They are Raymond C. McDaniels, Windham, Department 31; Walter Rydzak, Warren, Department 31, received two awards; James A. Davis, Ravenna, and George Rothlesberger, Kent, both from Department 31, turned in a joint suggestion; Robert Kravichin, Burton, O., Department 9; and John J. Mikulich, Apco, Department 9.

Arsenal Employees Must Register New Ohio License Plate

It's time to buy your new 1953 Ohio license plate, and then don't forget to register your automobile and license number at the Arsenal Guard Force Headquarters.

Employees and residents who drive their private cars into the Arsenal are required to fill out a Driver's Registration Card. This registration is conducted for the protection and benefit of all Arsenal employees and residents in case of personal accident, fire, theft or burglary.

GUARDS at all exterior gates will distribute the registration cards to motorists as they enter the Arsenal.

Employees and residents should fill out the card completely, either typewritten or printed, and return it to the Guards at the gates.

And remember, if you want to drive your car on April 1, you must get your new tags before midnight, March 31. Don't be a "Johnny - come - lately," get your new license plate today!

Ordnance Supervisors Finish Training Course

Certificates of training were awarded by Col. K. K. Allen, Commanding Officer, on March 3 to 12 Ordnance employees upon completion of a Supervisory Development Training Course.

The 12-week course was coordinated by the Personnel Office and included topics of management, pay, human relations and safety. Similar training is planned for all Ordnance supervisors.

Receiving certificates were: Charles Kennington, Ralph Lewis, Foster Rhidine, Roland DeUnger, Raymond Barton, Carl Thomas, Hartford Thune, W. Paul Daly, Charles Branfield, Murrell Barnhart, Ruth Tontimonia and Ted Jasin. John Buchanan, of the RAI Training Staff, also attended the sessions.

Red Cross Drive Nets \$3,940.64

Ravenna Arsenal, Inc. employees have donated \$3,940.64 to the annual American National Red Cross Fund Drive. V. C. Bloomer, Fund Chairman announced.

The money will be distributed to the county chapters of the Red Cross designated by the contributing employees. This includes nearby Portage, Summit, Stark, Trumbull and Mahoning counties.

About one-half of the money has been designated for the Portage County Red Cross Chapter.

The following RAI departments went 100 per cent during the campaign drive: Office Manager's Department, Percussion Element Line, Comptroller's Office, Purchasing, Industrial Relations Office, Payroll, Water and Sewage Departments 26, 28 and 33, Training School and Safety Office.

Also, Traffic, Railroad Track Maintenance, General Manager's Office, Preventive Maintenance, Auditing, Production Planning, Engineering Offices and Roads and Grounds Departments 34 and 58.

Firestone Awarded Top Honor In Industrial Safety For 1953

The Firestone Tire & Rubber Company has been awarded the highest honor in industrial safety for the seventh time in eight years.

The Company has been given the Award of Honor of the National Safety Council, according to word received from the Council. The award is again being given on a company-wide basis, which means that all of the Company's plants in the United States and in foreign countries share in the recognition the Company receives for its outstanding safety records. Arrangements are being made by the National Safety Council for a public presentation of the award.

According to the Safety Council, Firestone plants are among the safest in all industry. Firestone is the only rubber company that has received the nation's top award as many as seven times.

The record of the Company's plants in 1952 was the lowest it has

ever attained, the accident frequency rate going down to 1.8 from the previous year's all-time record of 2.0. The frequency rate of 1.8 lost-time accidents for each million man-hours worked is well below the latest available national frequency average for the rubber industry of 5.9 accidents per million man-hours.

Ravenna Arsenal, Inc., also had an accident frequency rate of 1.8 last year which was rated quite well among the other Ordnance Ammunition Center installations.

Weddings

BEIKNAP-ABBOTT

The quiet home of Rev. M. E. Chatley, Ravenna, was the scene of the wedding ceremony of Miss Janet Jo Abbott and Airman Third Class John L. Belknap on February 21.

The new Mrs. Belknap is the daughter of Mr. and Mrs. Bruce Abbott, R. D. 2, Mantua. John L. Belknap is the son of Mr. and Mrs. James Belknap, R. D. 1, Garrettsville.

The bride, a 1950 graduate of Hiram High School, is now employed in the office of the Polson Rubber Company.

The bridegroom, who attended school in Freedom, formerly worked in Department 196, Depot, and is now in the Air Force. He returned to Camp Kilbourne on March 13 to await an overseas assignment to Spain.

ATWOOD-CHILDS

Miss Donna Mae Childs of Geneva, O. and Stanley G. Atwood were united in marriage on February 12. Mr. Atwood is a component expediter on Load Line Two.

COLLINS-HALL

Miss Edna Hall of Newton Falls, and Raymond Collins of Detroit repeated their marriage vows on February 14. Rev. Eugene Hibbard of the Braceville Methodist Church performed the ceremony at the home of the bride's mother, Mrs. Frank Hitchcock, Braceville. The new Mrs. Collins works for Ordnance Inspection.

Esther Weber Elected ZM Social Secretary

Esther Weber, Employment Department, has been elected social secretary of Zeta Mu Chapter of Alpha Iota Sorority of Boecker's Business College.

Letty Sicuro, past president, was the installing officer for the candle light ceremony. Mrs. Sicuro is secretary to Col. C. K. Allen, Commanding Officer.

One of the hostesses for the meeting was Louise Spencer, Depot Administration Office.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer

Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Miscevic, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French.

Brig. Gen. W. E. Laidlaw Visits Arsenal



BRIG. GEN. W. E. LAIDLAW, Commanding General of the Ordnance Ammunition Center at Joliet, Ill., is shown above inspecting 155mm shells on Load Line Two during his recent two-day visit at the Ravenna Arsenal. The General (center), is peering through the nose of a projectile with a flashlight. Looking on are Harry M. Krengel, RAI Production Manager; Col. T. L. Gaines, OAC; Paul Borda, RAI General Manager; and Col. C. K. Allen, Arsenal Commanding Officer.

General Laidlaw's visit to the Arsenal was his first since assuming command of OAC last fall. Colonel Gaines, who accompanied the General on his tour, is Chief of the OAC Manufacturing Division which controls 22 shell loading plants throughout the United States, including the Ravenna Arsenal. Of these various government-owned installations, all but one are operated, like the Arsenal, by private companies under cost-plus-fixed-fee contracts. Through its control over this vast industry, the Ammunition Center is responsible for nearly all U. S. production of artillery shells, rockets, bombs, mines, grenades and pyrotechnics.

Engineering Division Lists Changes In Supervisory Staff

Several changes in the RAI Engineering Division supervisory staff have been announced by John C. Duer, Division Manager.

Edward F. Stukbauer, Plant Engineer, has been appointed Industrial Engineer. Mr. Stukbauer has been with Ravenna Arsenal, Inc. since November 1952, but he is not a newcomer to the Arsenal.

HE WAS formerly with Trygve Hoff and Associates, the Cleveland engineering firm that worked with the Hunkin-Conkey Construction Company during the re-activation of the Arsenal from February to

November 1951.

The new Plant Engineer is George Yocum, former general foreman of the George Road Maintenance Shops. Mr. Yocum has been at the Arsenal since February 1941 when he started with the Atlas Powder Company as Water and Sewage foreman. He is a native of Findlay, O. but is now living in Mantua.

New general foreman of the George Road Shops is Henry C. Gant, who was foreman of the Line Maintenance Department. Mr. Gant, a resident of Newton Falls, has been at the Arsenal since November 1942. He is a native of Shelby, O.

PAUL S. BRAUCHER has been promoted to general foreman of the Installation and Line Maintenance Departments. He had been foreman of the Installation crew. Mr. Braucher, an Akron resident, came to the Arsenal from Firestone in November 1951. He has been with the Company since April 1943.

New general foreman in charge of the Utilities unit is Robert Howell. This includes Powerhouse, Space Heating, Water and Sewage, Key, Instrument and Scale Shops. He was foreman of the Water and Sewage Department. A Salem resident, Mr. Howell has worked at the Arsenal since November 1942.

Robert Pavlick has been made Administrative Engineer in charge of direction of business and informational functions for the Engineering Office.

He had been a department foreman in Depot Stores and Checking before transferring to the Engineering Division. Mr. Pavlick is also an old-time Arsenalite. He worked here for Ordnance from 1941 to 1943, and after being discharged from the Army in March 1946, he returned to the Arsenal. A resident of Charlestown, Mr. Pavlick joined RAI last spring during the take-over.



GEORGE YOCUM

Time Study Manager Gets 10-year Pin



FOR 10 YEARS' continuous service with The Firestone Tire & Rubber Company, A. L. Bowles, RAI Time Study Manager, has received the Company's service award. Mr. Bowles (right), is shown being congratulated by Paul Borda, General Manager. He joined Firestone as a time study engineer in February, 1943 at Akron. Prior to that he was doing time study work in his home town, Martins Ferry, O. Mr. Bowles is a graduate of Ohio Northern University and was at the Firestone plant in Fall River, Mass. for one year before coming to the Arsenal. He has been with RAI for one year. He is married, has a son in the U. S. Air Force and is now living at the Arsenal.

News In Brief

Depot Area

Elmer Barton, U-14, will complete five years Arsenal Service on April 7. Lloyd Kyser, Sanitation Building, has returned to work after recuperating at home from an emergency operation. Joe Kebl and Dorothy Greenawalt, Bolton Barn nurse have returned to work after being hospitalized. Betty Eberhart is the new waitress in the Bolton Barn cafeteria. Mary Woolard, cafeteria waitress on the afternoon shift, was injured in an auto accident near Newton Falls on March 7. Ray Trocchio, U-8, is spending a two-week winter vacation in Miami, Fla. He will return March 23. Louise Spencer, Depot Administration Office, will leave March 20 with a group of Kent State University students for an educational tour of New York City. Dick Legros, Bolton Barn tool-crib, will be a bachelor from March 14 to April 5 while his wife and baby daughter visit relatives in Florida.

Izetta Rogers, Bolton Barn Cafeteria, suffered a relapse following her operation and had to return to the hospital but is now recovering at home. Clayton "Junior" Ridenbaugh, munitions foreman, has returned to work following a month's treatment at Grille Veterans Hospital. Mary Woolard, Bolton Barn Cafeteria, recently attended the funeral of an aunt in Glenville, W. Va. Mary Stewart, Bolton Barn cafeteria, has been confined to her home since February 23 due to an injury.

Norman Barker, U-14, underwent a throat operation on February 13 and is still confined to Cleveland Clinic. Best wishes for a quick recovery. David Veits, U-14, was injured in an auto accident on February 19 but has returned to work. G. Mansfield, U-14, also continues on the sick list. Lillian French, U-14 office, recently entertained the Past Noble Grand's Club at the Newton Falls Community Center. Dinner was served to 17 members, followed by a business meeting and social gathering. Recently joining the ranks of proud grandmothers in Department 191, were Martha Yonker and Dorothy Sheeley.

Welcome back to Ada Nicholas, Department 191, after a two week's illness. Ada wasn't content with getting the measles from her youngsters, but had to have the flu, too. Our sympathy to Queenie Brannon, 191, on the death of her brother, Raymond Champlain, in Newton Falls and to Elizabeth and Leslie Horn, on the fatal injury of Leslie's brother in Barnsboro, Pa. Third shift employees in the LCL Building held a covered dish supper in honor of the combined birthday and wedding anniversaries of Madelyn Colton, Mr. and Mrs. Colton have been married 29 years. Congratulations.

P. E. Line

Ralph Pemberton, former P. E. Line Personnel Attendant is now working on the Ammonium Nitrate Line. Welcome to our new personnel, Mildred Galonis and Harry Jones. Sympathy is extended to Louise Bedenik on the death of her father-in-law and to Mary Crites on the death of her father.

Welcome to our new employees: Jeanne Schimmoeiler, Anna Concio, Bertha Grafton, Grace Cooper and Wilma Pierce. Congratulations to Ettie C. Shewell of Ravenna who recently became a grandmother. Her son, T/Sgt. Jules Verne Shewell, is now with the First Marine Division in Korea.

Production Offices

Margaret Parker, Field Service Stock Control and R. O. Money-penny, Industrial Service Stock Control, have completed 11 years Arsenal Service. Congratulations to both. Sgt. Kyle Jonason, husband of Ruth Jonason, Field Service Stock Control, has been confined to Grille Hospital for several weeks, but he is improving steadily. Jerrie Shaffer, Transportation, and Alois Eslinger, Production Planning, were recent victims of the flu bug.

Co-workers of Edith Heintz, Ammunition Stock Control-Field Service, wish her a speedy recovery. Edith is confined to her home with a back injury. Three new people in Production Planning are Marie Knapp, Robert Lee and William Syron. Mrs. Knapp, a new employee, is a native of Western, W. Va. and is now residing in Windham. Robert Lee and William Syron transferred from the load lines to the Scheduling Section.

George Road Shops

Our sympathy to Harold Hoskin, Water and Sewage Department, on the recent death of his father, A. D. Hoskin of Nelson, O. Leon C. Rossow, son of Mr. and Mrs. L. J. Rossow of Ravenna, left February 9 for basic training at Lackland Air Force Base in Texas. Mr. Rossow works in the Carpenter Shop. Laura B. Williams, daughter of Mr. and Mrs. Harry Williams, recently returned from a two-year tour of duty with the Women's Army Corps in Yokohama, Japan. Mr. Williams is the Carpenter Shop foreman. Our sympathy is extended to Phillip Loveless, Paint Shop foreman, on the death of his sister, Mrs. Mary Kerr. Also to Don Rickenbacher of the Machine Shop on the recent death of his mother-in-law. Frank Payne is back to work in the Machine Shop after undergoing an appendectomy.

Product Engineering & Inspection

New P. E. & I. employees are: Charles Kebl, Gage Lab, transferred from Production; Harry Hirst, department inspector on Load Line One, transferred from Production; Paul Brown, department inspector on Load Line Two is from Deerfield, O.; Donald Meissner, department inspector on Load Line Three is from Ravenna; Robert Cook, chemist analyst in the Control Lab is a native of Cleveland. Warner E. Cunningham, Control Lab technician, is confined to the Cleveland Clinic.

Transportation

The Motor Pool welcomes Mrs. Elveda Honeck, Edinburg, as our new clerk-typist. Jerrie Shafer, Transportation Office, has moved to Ravenna. She formerly lived in Warren.

Ordnance Staff

Captain W. L. Watts, new executive officer, reports that he was relieved of his assignment in Germany by Major John F. Gorski, former Ravenna Arsenal Operations Officer. Major Gorski was later re-assigned in France. Irene M. Prokop, Inspection has returned to work after an 18-day vacation, two weeks of which were spent in the West Indies. Paul McManaway, Inspection, is back to work after 10 days sick leave, minus his tonsils. Charles P. McKinley, Safety, spent the week of February 22 in the Ohio Valley visiting with his mother. Sympathy is extended to Kay Ball, Adjutant's Office, on the death of her father, Mr. Frank Garree.

Surveillance personnel observing tests at Erie Ordnance Depot recently included W. Paul Daly, John Bishop, Delbert Eilers, Roy Fugite and Borden Horne. Mr. Daly and Mr. Bishop were also among the Surveillance group attending the recent Ammunition Seminar at Aberdeen Proving Grounds, Md. Others returning from recent travels include Murrell Barnhart, Inspection and Charles Kennington, Administrative, after short visits at the Ordnance Ammunition Center, and Harford Thune who attended the Safety Sub-Committee meeting at Louisiana Ordnance Plant. Ruth Tomlinson was feted at a "Baby Shower" given by the girls of the Signal Office at the Crestview Inn, Ravenna. George Aphorip, Signal, is in the Robinson Memorial Hospital, Ravenna. His condition is reported critical.

New Arrivals

A BOY, James Lawrence, to Mr. and Mrs. Kermit Ferguson of Canton on February 21. Mr. Ferguson works in Department 75, Load Line Two.

CONGRATULATIONS to Mr. and Mrs. John Tobin of Niles on the birth of a girl, Rose Ann, on February 11. Mr. Tobin works for Ordnance Inspection.

A BOY, Marc, to Mr. and Mrs. Thomas Mostoller of Newton Falls, on February 22. Mr. Mostoller is a mechanic in the Main Garage.

A BOY, Joseph Stephen, Jr., to Mr. and Mrs. Joseph Surick of Windham on February 16. Mr. Surick works in Department 9, Transportation. Mrs. Surick, nee Louise Nichols, formerly worked in the Arsenal NEWS Office.

CONGRATULATIONS to Mr. and Mrs. Roosevelt Fortner of Alliance on the birth of a girl, Cheryl Lynn, January 23. Mr. Fortner works in Department 62, Load Line One.

CONGRATULATIONS to Mr. and Mrs. James Holly of Alliance on the birth of a boy, Craig Lee, on February 1. Mr. Holly is a supervisor on Load Line One.

A GIRL, Gwendolyn, to Mr. and Mrs. Harvey Pendleton of Youngstown on February 12. Mr. Pendleton is employed in Department 62, Load Line One.

CONGRATULATIONS to Mr. and Mrs. John W. Conroy of Kent on the birth of a son, February 17. He was given the name of Robert Dean. Mr. Conroy works in Process Inspection.

A GIRL, Diana Lynn, to Mr. and Mrs. Bernard Rothermel of Ravenna on February 25. Mr. Rothermel is employed in Department 190, Depot.

CONGRATULATIONS to Mr. and Mrs. Donald Clark of Hiram on the birth of a girl, Christine Edith, on February 27. Donald is a foreman in the Depot.

CONGRATULATIONS to Mr. and Mrs. Ray Burkholder of RD 1 Ravenna, on the birth of a son, Larry Lee, on March 8. Mr. Burkholder is Custodial supervisor in Department 47.

A GIRL to Mr. and Mrs. John Dalrymple of Ravenna on March 4. She was named Maryanne. Mr. Dalrymple is an electrician at the George Road Shops.

Employment Building

A miscellaneous bridal shower was held in honor of Irene Few, Investigation, at the Vale Edge Dairy in Ravenna by Mary Padovane, Industrial Services. Twenty-five girls attended. A corsage was presented to Irene along with many lovely gifts. Games were played and prizes were given to the winners. The wedding date has been set for April 18. New investigator in the Investigation Section is Thomas Kerfoot, former chief deputy for the Portage County Sheriff. Mr. Kerfoot lives in Ravenna with his wife and three children. His wife, Eleanor, is secretary to R. C. Merrill, Manufacturing Superintendent. Edward Shriver is the new employee in the Identification Department. Ed is a native of Ravenna and graduated from high school there in 1952. His main hobby is photography which keeps him busy in his spare time.

Fire Department

Fireman Raymond G. Rawson is recuperating from a prolonged illness at Robinson Memorial Hospital in Ravenna. All members of the Arsenal Fire Department are now undergoing first aid training. The standard Red Cross course will be taught by Crew Chief Harold Cleveland, Driver-operator Thomas O'Malia, and Firemen William Kallenbach, Edward Brindle, Carlos Harris and O. E. Hardway.

Roads and Grounds

New employees in the Roads and Grounds Department are: Frank Bennett and Raymond Ware of Atwater, Samuel Fetty of Palmyra, and Orville Cottrell of Kent. Edgar Stevenson, Grounds Maintenance, has transferred to Railroad Maintenance. Paul Hughes and wife recently motored to Connecticut to visit Mr. Hughes' parents. Paul is a Heavy Equipment Operator.

Load Line Two

Department 76 has a new supervisor, Harris Edwards, who was formerly in Depot Storage and Operations. New Department 70 employee is Lawrence Mike, who is acting junior clerk on the midnight shift. Mr. Mike spent three years and five months with Air Force, most of which was spent in Germany. Herb Newquist recently transferred from Department 70 to the Melt Load. R. G. Smith has been transferred from Production Offices to Line Operations.

Howard Breiner, former A. N. Line foreman, has replaced Willis F. Sands as Department 71 foreman. Mr. Sands was transferred to midnight shift as general foreman. Our deepest sympathy to Mattie V. Denery and family in the recent loss of her mother. Get well wishes to N. L. MacLochlainn, son, who is now recovering from an operation. Henry Jones, Department 73, passed his Army physical and is just waiting for Uncle Sam's call. Margaret Aphorip's son and daughter-in-law from Lincoln, Neb. are visiting at the Aphorip residence where their father is seriously ill. Mrs. Aphorip works in Department 76. Get well wishes are extended to Mr. Aphorip.



L. E. TRAINER (right), Firestone Vice-President in Charge of Production and President of Ravenna Arsenal, Inc., accepts from Vice-President Richard M. Nixon an honor medal from Freedoms Foundation for the Company's seven employee publications. The publications received the top award in the Freedoms Foundation Competition for 1952.

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Firestone Company Wins Two Freedoms Foundation Awards

The Firestone Tire & Rubber Company and its Chairman, Harvey S. Firestone, Jr., have received two high honors from the Freedoms Foundation.

Mr. Firestone was awarded an honor medal in the Public Address category for his talk, "The Bonds of Brotherhood."

Girl Scouts Receive Dairy, Animal Badges

Arsenal Girl Scouts recently visited Dr. Richardson's Animal Hospital in Ravenna. An interesting discussion on animal first aid was held and questions were answered by Dr. Richardson. The girls have received both the Dairy Badge, which pertains to dairying, and the Animal Badge which deals with the health and safety of animals.

At their next meeting they will plan a trip to the Cleveland Museum of Natural History.

Firestone publications won the award in competition with several hundred other leading company publications. Mary Kerrigan, supervising editor for the publications, received a personal honor medal.

THE RAVENNA Arsenal NEWS was one of seven publications for which the top award was given in the Employee Publication category. The other plant papers are: the Firestone NON-SKID, for employees of the home plants in Akron; Firestone CALIFORNIAN at the Los Angeles plant; Firestone SOUTHERNER, Memphis, Tenn.; Firestone NEWS, Pottstown, Pa.; Firestone NEWS, Fall River, Mass.; the Firestone NEWS, Gastonia, N. C.

Healthful Hints

About Vitamin 'C'

Protect yourself from illness by eating oranges, grapefruit, tomatoes, raw cabbage, or salad greens!

Get Vitamin "C" all year round in citrus fruits and tomatoes, fresh or canned. For variety, add certain fruits and vegetables in season. Fresh strawberries, salad greens, fresh raw cabbage, cantaloupes and pineapple are among the other Vitamin "C" sources to keep in mind in choosing your meals.

You need to keep fit! Vitamin "C" helps maintain the health of the entire body, muscles, bones, teeth, even blood vessels. So eat citrus fruits, tomatoes, or fresh greens every day for Vitamin "C" for much needed minerals and for some Vitamins A and B, too!

Your Arsenal cafeteria has a wide selection of all fruits and vegetables containing Vitamin "C". Pay us a visit!

Golf, Softball Organizational Meetings Set For April 9, 13

Arsenal Golf and Softball Leagues will go into action next month, the Recreation Department announces. Tentative arrangements have been made to establish golf leagues in the Kent-Ravenna area and the Warren-Youngstown area.

All Arsenal golfers who are interested in forming or joining the Handicap Golf Leagues are asked to attend the organizational meeting on April 9 at 4:45 p. m. in the Recreation Building Auditorium.

The Recreation Department is attempting to establish golf teams on a departmental or division level. Golfers should try to form their teams within their department and then submit the team names and rosters of players at the organizational meeting on April 9.

Men's Bowling

Arsenal Men's Bowling League team standings for week ending April 3.

MONDAY NIGHT LEAGUE			
Team	W.	L.	Pct.
Salvage	67½	36½	.649
Load Line Two	61½	42½	.591
Jolly Rogers	57	47	.548
P. E. Foremen	56	48	.538
RAI Guards	47½	56½	.457
P. E. Maintenance	45	59	.432
Checkers	44½	59½	.428
P. E. and I.	38	66	.365

TUESDAY NIGHT LEAGUE			
Stores	W.	L.	Pct.
Load Line One	67	33	.670
Industrialists	60½	39½	.605
Depot U-7	56	44	.560
Stand-Ins	49	51	.490
Arsenalites	43	57	.430
Manufacturing	43	57	.430
Ammo - Inspectors	17	83	.170

WEDNESDAY NIGHT LEAGUE			
Electricians	W.	L.	Pct.
Ord. Personnel	59	33	.641
Rejects	55	41	.573
Truck Drivers	55	45	.550
Old Timers	49	51	.490
Engineers	32	64	.333

Women's Bowling

Team	W.	L.	Pct.
Bandaids	57	18	.760
Old Timers	42	33	.565
Elements	41½	30½	.577
Circlettes	41	31	.569
Recordettes	40	35	.533
Post Eites	36	36	.500
Pleasant Valley	21½	47½	.309

New Arrivals

A GIRL to Mr. and Mrs. Charles Hutzell, Windham, on March 6. Mr. Hutzell is a vehicle dispatcher at the Main Garage.

A BOY to Mr. and Mrs. Harold Dawson of Canton on March 8. Mr. Dawson works in Department 71, Load Line Two.

CONGRATULATIONS to Mr. and Mrs. Homer Miller of Salem on the birth of their 11th child. The baby was named Mary Kathryn. Mr. Miller works in Department 73, Load Line Two.

A GIRL to Mr. and Mrs. Wallace Whitaker of Ravenna on March 3. She was named Diana Lynn. This is their fifth child. Mr. Whitaker works in Department 190, Depot.

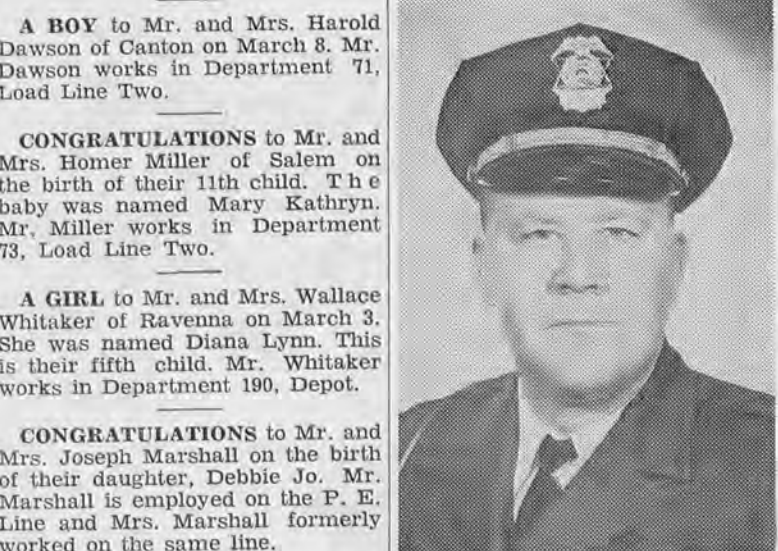
CONGRATULATIONS to Mr. and Mrs. Joseph Marshall on the birth of their daughter, Debbie Jo. Mr. Marshall is employed on the P. E. Line and Mrs. Marshall formerly worked on the same line.

A BOY, Thomas Lee, to Mr. and Mrs. Sundae Tontimonia of Ravenna on March 5. Mrs. Ruth Tontimonia is on leave from the Signal Office.

CONGRATULATIONS to Mr. and Mrs. Harold Batson on the birth of their first child, Harold Jr., on March 8. Mr. Batson works in Department 194, Depot.

A GIRL, Catherine Colleen, to Mr. and Mrs. Robert Hart of Kent on March 12. She is their third child. Mr. Hart is employed in the Workmen's Compensation Department.

A BOY, Kenneth Ray, to Mr. and Mrs. James Newell of Deerfield on March 14. They now have four children. Mr. Newell works in Department 191, Depot.



LIEUTENANT WHITE

Promotion of William R. White to Lieutenant in the RAI Guard Force has been announced by W. J. Fogarty, Industrial Relations Manager. Lieutenant White came to the Arsenal in April 1951 as a patrolman on the RAI Interior Guard Force. In October 1951 he was promoted to Sergeant.

Before coming to the Arsenal he was a constable and deputy sheriff in Jefferson County, O., years. Prior to that he was the Gadsden, Ala., Police 1st ment for two and one-half years.

Lieutenant White also served four years in the U. S. M. Corps during World War II, years of which was spent overseas. A native of Steubenville, he now makes his home at the Arsenal with his wife and daughter.

First Bowlers Sign Up For Handicap Tourney



FIRST BOWLING team to sign up for the first annual Handicap Tournament for members of the Arsenal Bowling Leagues is shown above with (right) Don Mullen, Bowling Alley Manager. Team members are, left to right, Randy Forney, George Lutin, Gil Hosteder, Paul Bogner, and Bob Wilson. Official date for the tourney will be April 27 to May 8, the Recreation Department announced. Entry blanks for the tournament which is open to league bowlers only, are still available at the Arsenal Bowling Alley. Closing date for all entries is April 20. Event schedule for the tourney will be as follows: Team Event—April 27, 28 and 29; Doubles—April 30, May 4 and 5; and Mixed Doubles—May 6, 7 and 8.

All Employees Are Near High Explosive Material Every Day

Did you know that all materials with high-explosive potentialities in the Ravenna Arsenal are not in magazines, igloos, load lines and other explosive storage and manufacturing areas?

Every employee who rides to work in a car or who operates motorized equipment is near this explosive material. Yes, you guess it, it's gasoline!

A gallon of gasoline used in a combustion engine contains the energy equivalent to 85 to 95 pounds of 40 per cent straight nitrogly. sticks of dynamite. Now multiply that by the number of gallons of gasoline in your tank and think it over.

A tunnel, nine feet in diameter, could be driven through four miles of solid rock with the energy from 1,250 gallons of gasoline, that is,

in terms of dynamite. Yet every day many of us handle gasoline and other flammable liquids and give little thought to the fire and explosion they are capable of producing. Flammable liquids account for 13 per cent of all deaths by fire and in practical every instance the deaths have been due to lack of ordinary care in their use.

ALSO INCLUDED among flammable liquids are acetone, paint, thinners, alcohol, oils and many others that appear to be safe and innocent. They are so common we don't give them a second thought. A great deal of acetone is used in the Arsenal and its fire hazard is only slightly less than that of gasoline.

Remember — never keep gasoline in a glass jar or bottle, whether open or sealed, or in a screw-top, unvented, or unapproved can. Safety cans are available. Glass jars may break or explode, and vapor tight cans may blow up.

Never keep gasoline in the house for cleaning purposes or any other purpose. Keep fire, sparks and heat away from it, and the area in which it is used should be well ventilated to avoid explosive mixtures.

Fishing May Be Good Near Home

The story is often told about the ardent fisherman who leaves home at 3 a.m. and travels 100 miles to what he thinks is an excellent fishing spot.

He is quite chagrined when he returns home with a single, fat fish and finds his neighbor has a whole basketful.

Before coming to the Arsenal he was a constable and deputy sheriff in Jefferson County, O., years. Prior to that he was the Gadsden, Ala., Police 1st ment for two and one-half years.

Lieutenant White also served four years in the U. S. M. Corps during World War II, years of which was spent overseas. A native of Steubenville, he now makes his home at the Arsenal with his wife and daughter.

Manager Of New RAI Auditing Department



G. T. FOX

Manager of the new RAI Auditing Department is G. T. Fox, a native of Akron and a Firestone employee for 10 years. This department was formerly the Procedures Section in the Office Manager's Department. It is now a separate unit in the Comptroller's Division.

Before joining Ravenna Arsenal, Inc. in May 1951, Mr. Fox was Firestone Stores Auditor for the Akron district. He started working for the Company in the Gun Mount Division's Auditing Department.

Mr. Fox graduated from Northwestern University where he majored in accounting. He is married and has five children.

New Men's Choral Group Open To All Arsenal Employees

An Arsenal Men's Choral Group has been formed and is open to all male employees who get enjoyment out of singing. The group meets each Monday at 4:45 p. m. in the Recreation Building Auditorium.

Arthur D. Gibbs, who works for RAI Inspection, is pro tem chairman of the Choral Group. Mr. Gibbs lives in Howland.

Otis Moore is the group's first vice chairman.

The group will be working with the Choral Group, are asked to attend the next meeting.

Any male employee, who is interested in singing with the choral group, should contact Mr. Gibbs on Extension 646.

"Fighting Deer" Photo Wins Award At KSU Exhibit

Picture of two Arsenal deer, with their antlers locked in mortal combat, won honorable mention in the spot news division at Kent State University's 12th annual Short Course in Press Photography on March 24. The photo was taken by George B. Hoagland, Arsenal chief photographer.

Mr. Hoagland's "fighting deer" picture also took one of the top awards in the Ohio Valley Photographers Club's exhibit at Pittsburgh, Pa., during March. The OVPC awards will be formally announced at the club's annual convention this spring.

The Arsenal photographer has entered his deer picture in numerous salons throughout Ohio.

JUST A SLIP

An employee suffered a fractured left leg when he lost his footing on a wet area in a parking lot and fell to the ground. Employees should make allowances for hazardous walking conditions.

—OAC Excerpts



Vol. 2, No. 6

RAVENNA ARSENAL, INC., APCO, OHIO

April 6, 1953

RAI Expands Production Facilities

Blood Donors Give 155 Pints

Arsenal employees donated 155 pints of blood to the Red Cross Bloodmobile when the Cleveland unit made its second visit of the year to the Arsenal on April 3.

Among those giving was the first Arsenal employee to become a member of the "One Gallon Club." He is Jack Russ, Department 65, Line One, and a resident of Ravenna. He is also the first Portage County blood donor to give a gallon of blood.

Suggestion Board Approves 9 Awards

Nine winning suggestions have been approved for payment by the Suggestion Board. Walter Rydzak, Line Maintenance Department, was the 100th award winner.

A resident of Warren, Mr. Rydzak received \$30 for his idea. So far, he has received three suggestion awards totaling \$50.

A \$20 award was presented to Thomas Mellesky, Railroad Shop Maintenance. Mr. Mellesky resides in Warren.

Suggestion awards for \$10 each were presented to the following employees: George Hoagland, Apco, Department 46; Mary Padovane, Ravenna, Department 44; John A. Whalen, Youngstown, Powderhouse, Department 60, Line One; Agnes Stillion, Ravenna, P. E. Line; and for a joint suggestion from Z. Norman, Akron, C. Norman, Windham, and J. Wise, Ravenna, all from the Line Maintenance Department.

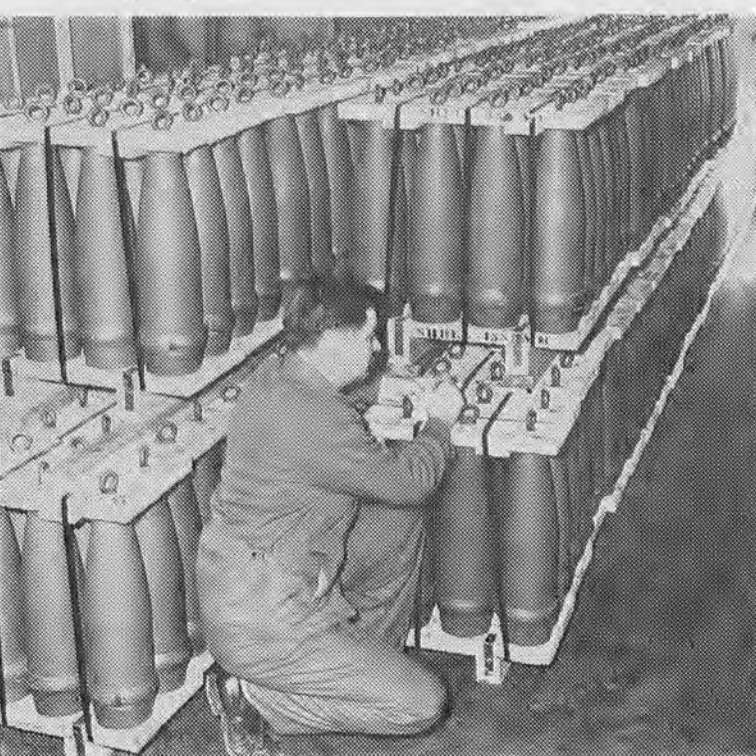
Employee's Son Receives Scouting's Highest Award



Eagle Rank, Scouting's highest award, has been presented to Jack Cole, son of two Ravenna Arsenal employees. Scout Cole, a member of Explorer Unit 302, Troop 2 of Warren, received the award at a recent court of honor at the First Methodist Church.

The boy's father, Wilbur "Bill" Cole works in the Production Planning Department, and his mother, Vivian, is a guardmatron.

Scout Cole, who is 14 years old, is one of the youngest scouts in this area to hold Eagle Rank. He has been in the Boy Scouts for three years and has 36 merit badges.



LOADING and shipping high priority 155mm projectiles is another phase of Ravenna Arsenal production. James Murray of Ravenna and the RAI Inspection Department, checks a stack of 155's before the shells are conveyed through Load Line Two to be loaded with high explosive TNT. After being loaded, the shells are shipped directly from the load line in commercial carriers to ports of embarkation for our troops in Korea.

Arsenal Employee Loses His Down Payment On New Home

Thaddeus N. Truant, an Arsenal employee, recently lost the down payment on his home by gambling. The money could have purchased a comfortable bungalow, but the home was "lost" through absenteeism.

T. N. Truant lost all that money, time and home by making a bet with his co-workers that he could "get by" on the job by missing one or two days of work each week. Mr. Truant used all the alibis in the book — sickness, death in the family, automobile trouble, no transportation, etc. He gambled and lost, and fooled himself.

Are you a chronic absentee employee like our mythical employee, T. N. Truant? Are you also robbing your family of a home, life insurance, clothing, food and the other necessities of life?

Just think how comfortable you and your wife could live in retirement with the money you lost through absenteeism. And if the "absentee wages" were put into U. S. Defense Bonds, the money would earn three per cent interest.

Absenteeism among hourly employees dropped from 6.7 per cent in January to 5.89 per cent in February. This is a good trend, but not good enough.

The following is a list of RAI departments and lines with their percentage of absenteeism during the two months.

DEPARTMENT	JAN.	FEB.
Stores, Warehouses	4.4	3.5
Stores, Stock Control	3.7	2.7
Railroad Operations	10.2	5.9
Transportation	4.4	2.7
Automotive Maint.	3.8	2.5
Railroad Maint.	3.0	2.7
Material Handling Equip. (Repair Shop)	2.3	.46
Powerhouse	2.9	1.7
Space Heating	1.4	.23

Line Four to Load Tank Mines; Mechanize 90mm Shell Line

Ravenna Arsenal, Inc. has been allotted one and one-half million dollars for expansion of shell and mine loading facilities. This was announced last week by Col. C. K. Allen, Commanding Officer, and Paul Borda, RAI General Manager.

This increase in production was announced earlier by U. S. Rep. Oliver P. Bolton of the 11th District in line with the announcement by Secretary of the Army Robert Stevens that production of artillery shells for Korea is to be increased.

The Arsenal expansion includes warehouse additions to the shipping buildings on Load Lines One, Two and Three; the mechanization of Load Line One; and the conversion of Load Line Four to anti-tank mine loading.

WAREHOUSE additions will afford a considerable saving in operating costs to the American taxpayer. The additions will reduce delays waiting for delivery of shell components and materials; eliminate excessive handling of components and materials; and thus provide efficient and smooth flowing

production of artillery shells on the three load lines. Paul Borda, General Manager of Ravenna Arsenal, Inc., stated that the mechanization of production facilities on Load Line One will provide a tremendous saving for our National Defense Program and increase the loading of high explosive 90mm projectiles.

The 90's are high on the Armed Forces priority list since the shell is used in the new type 90mm, high velocity, tank gun and by anti-aircraft artillery.

The mechanization of Line One calls for re-tooling of equipment and installation of new conveyor systems. At present, Load Line One is equipped with tools and equipment installed in 1942. The line will be mechanized at a minimum cost to produce a maximum quality of high quality 90mm shells at a minimum cost.

LOAD LINE FOUR, which was used during World War II for bomb loading, is being re-activated for loading high explosive anti-tank mines.

Tank mine loading is entirely new to the Ravenna Arsenal and Line Four has not been used since World War II. Line Four is now being re-habilitated and re-tooled for the tank mine loading job, and thousands of these mines will begin coming off the production line early this summer for our Armed Forces.

It is not expected that this increase in production will require any large increase in personnel because of technological improvements and because it is planned to utilize employees who will be available upon completion of shell renovation projects.

New RAI Assistant Production Manager



H. L. SORENSEN

New Assistant Production Manager is Harry L. Sorensen. A native of Nebraska, Mr. Sorensen has been with The Firestone Tire & Rubber Company for over 13 years. He joined the Company's Industrial Relations Department in Akron in August 1939.

He graduated from the University of Nebraska in 1937 where he played varsity basketball for three years. In his senior year, his team tied the University of Kansas for the Big Six championship. For two years, 1939 to 1941, he played with the Firestone pro basketball squad.

Mr. Sorensen spent four and one-half years in the Army during World War II and was discharged a Captain. He returned to Firestone in 1946.

Prior to coming to the Arsenal, Mr. Sorensen was manager of the Purchasing and Industrial Relations Departments at the Firestone World Bestos Division in New Castle, Ind.

The new assistant production manager, with his wife and two children, has taken up residence at the Arsenal.

New Type Men's, Women's Safety Shoes For Sale

Men's high top safety shoes and women's oxford safety shoes are now on sale at the RAI Shoe Department, Room 14, Employment Building.

The men's high top work shoe has a plain, one-piece toe and the women's safety oxford is a semi-dress walking shoe.

Regular men's oxford safety shoes, which have been on sale for several months, are still available at the shoe department.

These safety shoes can be purchased at a considerable saving by employees who are not issued powder shoes. Those who wish to buy a pair of safety shoes should contact their supervisor and fill out the necessary shoe sales slip.

Don't Give Away Your Children

"Couple Gives Away Seven Children." Maybe you read that item in your daily newspaper a year or so ago. It seems that a mother and father, who were unable to support their seven children, had advertised that they were giving them away. Homes were eventually found for the seven youngsters.

We hope this never happens to you, because there is one fool-proof way to protect your family. It's what many Arsenalites and millions of Americans are doing every single payday. They're putting part of their earnings into U. S. Defense Bonds saved through the systematic and automatic RAI Payroll Savings Plan.

All over the United States millions of your fellow-citizens are making absolutely sure their children will have the best of everything because they are making a down payment on their future NOW with U. S. Defense Bonds.

Why not join these Americans today on Payroll Savings!

Two Line Employees Utilize Arsenal First Aid Training

Two Load Line Two employees from Atwater recently put into practice what they learned at the Arsenal's Red Cross First Aid training classes.

While shopping in an Alliance department store, Ethel C. Larkins, Department 71, and Effie Wall-brown, Department 72, saw a woman fall on a stairway and immediately went to her aid.

One of the employees called the manager of the store and a doctor, while the other employee remained at the scene of the accident in order to aid the victim.

Upon examination, the woman seemed to have a leg fracture. The Arsenalite then followed instructions that she learned in her first

aid classes.

The "first-aid" made the victim comfortable and covered her to keep her warm in order to lessen the possibility of shock. The employee used counter covers as blankets, the only available material.

SHE THEN remained at the scene of the accident and refused to allow the victim to be moved until the doctor arrived and took over.

These two employees followed instructions received in their Arsenal First Aid classes. Would you know what to do in such an emergency?

If you would like to know what to do in any type of an emergency, then make arrangements to join an Arsenal Red Cross First Aid class. Classes will start on Tuesday, May 5 and Thursday, May 7. The Tuesday classes will be from 1 to 3 p.m. and the Thursday classes will be from 5 to 7 p.m.

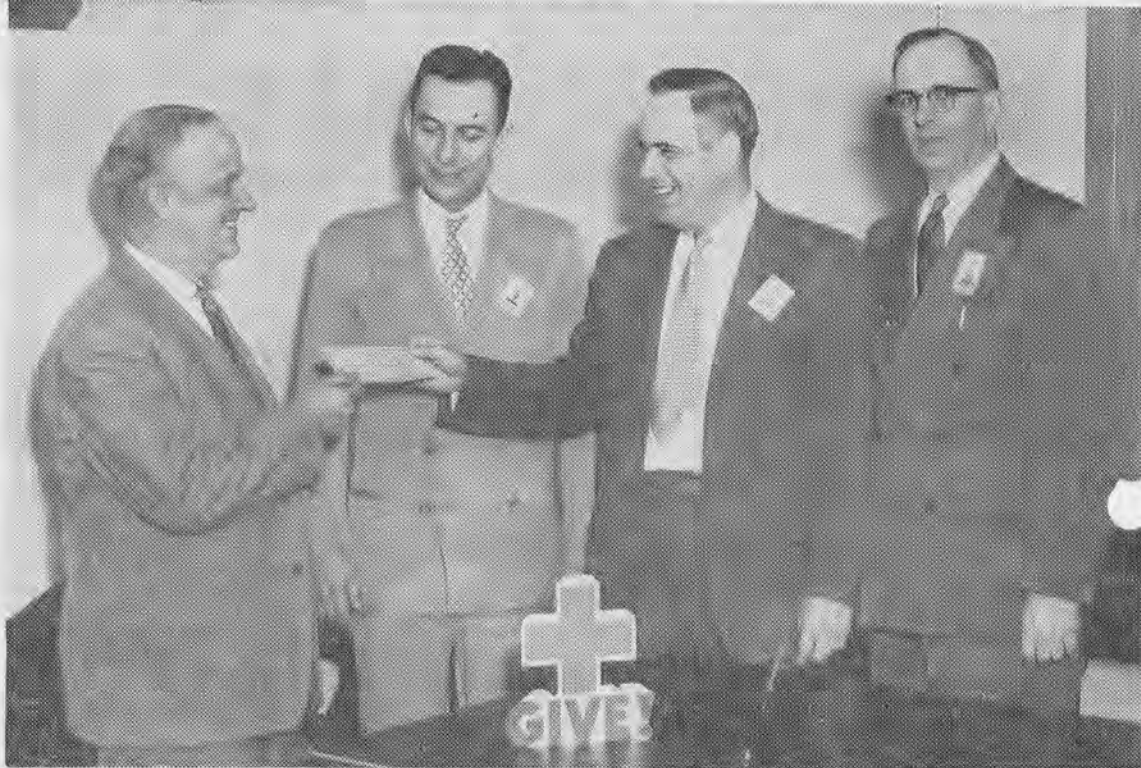
These first aid classes are for all Arsenal employees who want to give 22 hours of their time over a 11-week period in order to learn how to save a life or give aid to an accident victim. Remember, the victim may be a member of your family or a close friend.

First Aid registration cards can be obtained from the guards at all line gates and from your department foreman or manager. Sign up TODAY!

FAMOUS LAST WORDS.

"But he was supposed to stop."
"It's yellow but I can make it."
"Aw, those signals start when the train's a mile away."
"I don't have time to poke along behind this guy."
"I've been doing it this way for a long time and nothing has happened yet."

Employees Give \$2,400 To Portage Red Cross Drive



PORTAGE COUNTY Red Cross Fund Campaign recently received a \$2,400 boost from the Ravenna Arsenal. The money included \$300 contributed by Ravenna Arsenal, Inc. and \$2,100 collected from RAI and Ordnance employees who live in Portage County. Industrial Relations Manager W. J. Fogarty is shown above giving the \$2,400 check to Seabury Ford (left), Red Cross Chairman for the county. Standing between Mr. Ford and Mr. Fogarty is John Foss, Red Cross Blood Donor Chairman here, and at right is V. C. Bloomer, Red Cross Fund Chairman. The Arsenal contributions far exceeded the \$2,000 quota set at the start of the drive. Arsenal employees drew the plaudits of Mr. Ford when he accepted the check from Mr. Fogarty.

Meet Your Reporters

Covering the Roads and Grounds Department for the Arsenal NEWS is Sawyer Kimes, a resident of Brady Lake, O. He was born in Shalersville, O. and graduated from high school there in 1948.



He started working here for Ordnance in October, 1951 and transferred to Ravenna Arsenal, Inc. in March, 1952. His main hobby is fishing but he also enjoys other sports and reading.

Reporter for the General Stores Department in Buildings 808 and 809 is Elaine Tutoki, a native of Warren. Elaine graduated from Warren G. Harding High School in 1951 and during her senior year she was editor of the high school's "Highlights", a weekly section in the Warren Tribune-Chronicle.

She started working for Ravenna Arsenal, Inc. in September, 1952 as a clerk-typist. Elaine is also vice-president of the Warren social sorority Zeta Beta Gamma which is a chapter of the National Gradale. The Warren group also participates in community and charitable work.

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Weddings

LEE-MOLLOHAN

Two Arsenal employees, Leona Mollohan and James D. Lee, exchanged their marriage vows on St. Patrick's Day in Tulsa, Okla. The new Mrs. Lee is a chauffette in the Depot. Her husband is a resident of Ravenna and is a lift truck operator in Building U-8, Depot.

Mrs. Lee is the daughter of Wilma Bowers, also a chauffette and Lester Bowers of Windham. The newlyweds are touring the western states and California and expect to be back April 17.

McElROY-BROGDON

Two Load Line Two employees, Miss Claudia Brogdon and Claren-

ce McElroy, were united in marriage by Reverend Dulaine in Warren on March 13.

Mr. McElroy works in Department 76 and his wife works in Department 71. The couple spent a two-day honeymoon in Cleveland.

GEORGE-MYERS

Ravenna Congregation Church was the scene of the wedding ceremony for Kathryn Myers and Mickey George on March 1.

Both are employed on the Percussion Element Line. Kathryn is the daughter of Mrs. Ida Orsburn, Hannoverton, O., and Mickey is the son of Mrs. Anna George, Phillipsburg, Pa. The couple are now living on Route 5 near Ravenna.

Arsenalites In The Armed Forces

Pvt. Bert Croop, former Depot employee is now stationed at Fort Knox. Upon completion of his basic training he will attend a mechanic's school. His address is Pvt. Croop, US 52265013, HQ Co., 122 ADM Bn, CCR Third Armd. Div., Fort Knox, Ky.

His brother, Vernon, recently returned home after 12 months combat duty in Korea. He was an artillery repairman with the 17th Ordnance (Direct Support) Company. Both boys are the sons of Howard F. Croop, a millwright at the George Road Shops.

A new military address has also been received from Pvt. Anthony Chulfo, US 52265523, Co. A-122, DAOM Bn, CCR, 3rd Armd. Div., Fort Knox, Ky.

ARSENALITES who recently entered the Armed Forces are Anthony J. Chulfo, Ravenna, Department 9; Franklin Fitzgerald, Akron, Department 74; Zane D. Jackson, Akron, Department 86; Ronald P. Judson, Kent, Department 194; Marvin R. Miller, Farrell, Pa., Department 76; Richard Reynolds, Diamond, Department 76; Frank A. Toth, Jr., Mantua, Department 194.

Also Theodore B. Barker, Windham, Department 76; Herman G. Harris, Kent, Department 75; Frank White, Akron, Department 65; Kenneth A. Beynon, Newton Falls, Department 12; Rocco De-Maiolo, North Jackson, O., Department 195; Jack F. Pultz, Newton Falls, Department 194; Joseph W. Garro, Newton Falls, Department 196; Robert E. Nelson, Ravenna, Department 65; Otis R. Green, Newton Falls, Department 76; Donald R. Robertson, Akron, Department 97.

New military addresses have been received from the following: Pvt. Richard Wright, RA 15499860, Btry. B, 83rd FA Bn, Fort Bragg, N. C.; Pvt. James A. Russell, US 52198233, Prov. Co. 2422, APO 872, c-o Postmaster New York, N. Y.

Otis Green, who formerly worked in Building DB-13, has written a letter to say "hello" to his Line Two buddies. His military address is: Pvt. Otis Green, Plt. 103, HC 2nd Bn., MCRD, Parris Island, S. C.

A change in military address has been received from Pvt. Ernest L. Breckenridge, Co. H, 2nd Bn. W. M. Sch. Regt. Detachment No. 1 9135 TSU, Fort Lee, Va. Ernest would also like to say "hello" to his friends in Department 68, Line One, where he formerly worked.

Airman 2nd Class David L. French, son of Mr. and Mrs. David French, Apco, returned home March 21 after a one-year tour of duty with the Air Force Intelligence Service in the Far East. He will report to Colorado Springs, Colo. after his 30-day furlough. Before entering the service, David worked here for the Ordnance Utilities Branch. Both of his parents are Arsenal employees.

News In Brief

Main Cafeteria

A group of girls and the chef from the Main Cafeteria recently gave a surprise birthday party for Flora Ball and Betty Elliott at the home of Mr. and Mrs. Archie Graham. Flora and Betty received gifts and a delicious lunch was served. The group also surprised Margaret Taylor on her birthday anniversary. She received gifts; cake and ice cream were served at the Main Cafeteria. Howard Hickle, from Chicago, Ill., and auditor for Nation Wide Food Service, Inc., recently visited the Main Cafeteria.

Depot Area

Our sympathies to Glenon Smith, Department 192, on the death of his grandfather. Also get-well wishes to his wife, who was injured in a fall. Bonnie Harris, U-14 office, recently spent the weekend in Charlestown, W. Va., visiting the parents of her husband, who is with the 101st Airborne Division in Germany. Welcome to Doris Hyer, new inert operator in Department 191. Also welcome back to Hester Sley and Dorothy Hoover. Get well wishes to Jane Thomas' husband who underwent major surgery on March 10. Employees at the LCL Building, third shift, celebrated the birthday anniversaries of three members of Department 191 on March 17 with a covered-dish supper. Those honored were Mabel McCave, Retta Loudin and Helen Howell.

Among the oldest in continuous service with the Ravenna Arsenal are Ben Bradley and Jesse Whiting, both Depot employees. Ben started with the Atlas Powder Company on March 6, 1942, and Jesse with the same concern on March 30 that year. Raymond Trocchio, U-8, has returned after a two-week sojourn in Florida. Richard Legros, Bolton Barn tool-crib, spent a week in Florida with his wife and daughter, who are visiting their parents there. William Nerone, IW-1, has been an Arsenal employee for 12 years. Virgil Drake had the unusual experience of getting the mumps, but is now back on the job. Mary Woolard, Bolton Barn cafeteria, is back after several weeks absence due to an auto accident. John H. Taylor, Bolton Barn, completed 11 years' service at Ravenna Arsenal on March 25.

Ordnance

Ruth Beardsley, Transportation, is in St. Luke's Hospital, Cleveland, where she underwent an ear operation. Howard A. Grohe, Personnel, recently spent two weeks at Rock Island Arsenal, Ill., attending an Organization Analysis Course. Chloe Yaw, Inspection, spent a recent weekend in Columbus and Athens, O., and Eunice Slimak, Office Services, spent a recent week-end in New York City. Hartford P. Thune, Safety, visited the Pentagon in Washington, D. C. on March 16 and while there, he saw Major J. Richard Browder, who sends his greetings to his many Arsenal friends. Also back from a recent trip is Charles R. Branfield, Inspection, who visited Kansas Ordnance Plant, to study the continuous sampling plan for X-ray acceptance of shells. Sympathy is extended to Lillian McConnell, Security, on the recent death of her mother, Mrs. Frances Rogal.

Laundry

Greetings to our new laundry staff members: Pearl Gahring, Cotton Corners; Fern Lewis, Diamond; Doris Sollberger, Wayland; and Jake Linderman and Dick Welch, both of Akron. Jake and Dick are well acquainted with laundry operations since they have worked in laundries in Akron. Our get-well wishes go to Gladys Morris, who has taken sick leave to under-go a major operation. Mrs. Morris lives in Ravenna. Our sympathy to Margaret Martin on the death of her father, Lawrence Eakin, at Lake Milton.

George Road Shops

New Machine Shop employee is Harold W. Altman, Sr. of Newton Falls. Mrs. Edwin Lietzow has returned to her home in Mantua after undergoing surgery at Robinson Memorial Hospital, Ravenna. Her husband is an Electric Shop foreman.

Fire Department

Congratulations to Bert Spencer upon the completion of his new home in Windham. Bert and his family moved into their new dwelling on the first day of Spring. Fire-Guard Chief R. B. Walters has returned after a month's training at the Security Supervisory School, Camp Gordon, Ga.

Load Line Two

Employees in Department 76 received a very nice thank you note from co-worker Margaret Aphrope for their token of appreciation during her husband's illness. Mr. Aphorpe (George) is with the Arsenal Signal Branch and is now recuperating at home.

Percussion Element Line

Benson Higgins and Edward Tekely were injured in an automobile accident on March 27. Edward was seriously hurt and is still in Robinson Memorial Hospital, Ravenna. Mr. Higgins was treated and released the next day.

Personnel Building

Four members of the Pleasant Valley bowling team were forced to forfeit their game in the Arsenal Women's Bowling League on March 1. The bowlers, Margaret Chionchio, Jeannette Brode, Kay Miller and Suzi Miller, were involved in an auto accident while on their way to bowl at the Arsenal alleys. They were treated for minor injuries at Robinson Memorial Hospital, Ravenna, and released. Dick Viebranz, Employment Department, has returned to work after a one-week vacation.

Ammunition Inspection

Southern Fried Chicken topped the menu at a recent dinner party at the home of Mr. and Mrs. Grant L. Higgins. Members of the Ammunition Inspection Branch who attended the party were Betty Andriko, Grace Blasko, Millie Misceovich, Mary DeCavitch, Gertrude Lee, Mr. and Mrs. James Roberts and the guest of honor, Mrs. Barbara Dudek, who has joined her husband Pvt. Louis Dudek at Camp Hood, Texas.

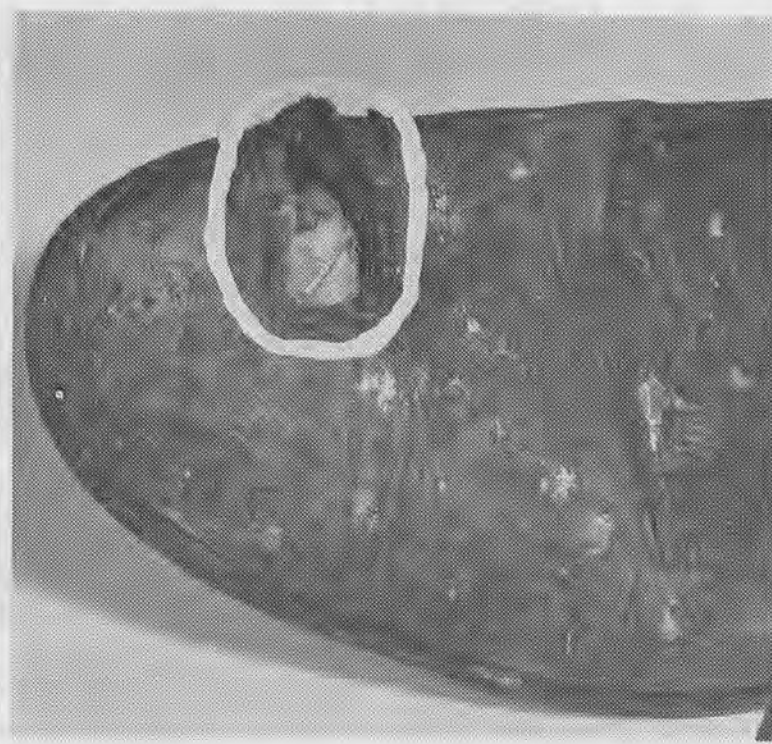
Stores Stock Control

Welcome back to Walter T. Jenkins, warehouseman, who had been in Crile Veterans Hospital for two weeks.

Auditing Department

New procedure auditor in the Auditing Department is Ted Foss, who transferred from the Engineering Division. Ted started working for RAI in January, 1952 and is a business administration graduate of Kent State University. A native of New London, Conn., Ted is married, has two boys and is now a Kent resident.

A Safe, Sure Investment



ALTHOUGH the leather was ripped and the steel toe was dented on the above safety powder shoe, it never-the-less saved an employee's toes from being smashed by a heavy steel tank that fell on his foot. Are YOU wearing your safety powder shoes or regular safety shoes? You only have ten toes and they can't be replaced. Why leave yourself wide open for a foot injury; it isn't worth the pain and suffering. Be safety-wise and wear your safety shoes at all times.

Load Line Three

Arthur Malone, line planner, is now working the day shift. Arthur Ivory, former tool crib attendant, is currently employed in Department 84, third shift. March marked the completion of 7 years service at Ravenna Arsenal for Arthur Ardis, Inspection Department. He is a resident of Alliance. A recent promotion transferred Bill Syron to Production Planning in Headquarters Building. He was formerly a line planner on Load Line Three.

Product Engineering & Inspection

Robert Nickel, inspector on Load Line Two, has returned to work following a leave of absence due to illness. Edward Bradish, a materials inspector who suffered a heart attack on March 12, is still confined to St. Elizabeth's Hospital, Youngstown.

Artillery Primer Line

Thomas Pardee, son of Mrs. Gertrude Drake, left for duty with the U. S. Marine Corps at Parris Island, S. C. on March 17. Tom worked in Department 73, Load Line Two. Welcome to our new electrician, Harry R. Burgess. Congratulations to Catherine Buie and her husband Johnny, who celebrated their seventh wedding anniversary on March 28.

Find The Safety Violations -- Win A Prize!



WHAT'S WRONG with this picture?

If you can find the safety errors being committed in the picture, enter the contest and win a prize. Awards will be \$10 for first place, \$5 for second, and \$1 each for the next five winners based on the number of errors found.

All you have to do is list on a sheet of paper the violations of good safety practices you find in the cartoon. Write your name, home address, department name or number and clock number on the same sheet and send it to the RAI Safety Department either by inter-Arsenal mail or U. S. Mail (Box 98, Apco, O.). The contest is open only to Ravenna Arsenal employees. Safety Department personnel are not eligible.

Entries must be postmarked on or before midnight April 30. So get busy now. Find the safety violations and win a prize.

There will be another contest next month.

Engagements

TURK-ROBSEL

The engagement of Miss Josephine Turk, P. E. Line nurse, to Raymond Robsel, has been announced by her parents, Mr. and Mrs. Joseph Turk of Girard, O. Mr. Robsel is the son of Mrs. Omelia Robsel also of Girard. Their wedding date has been set for April 11.

Miss Turk graduated from Girard High School and the St. Elizabeth Hospital School of Nursing, Youngstown. She has been working for Ravenna Arsenal, Inc. since April 1952.

Mr. Robsel also graduated from Girard High School. He served two years in Korea with the U. S. Army and is now employed by the Warren Telephone Company.

SHEEHAN-MATHY

Mr. and Mrs. J. A. Ricker, Garrettsville, have announced the engagement of their daughter, Mildred Sheehan, to John B. Mathy Jr., son of Mr. and Mrs. John B. Mathy of Ashland, Ill. The couple will be married on April 24.

Miss Sheehan is a graduate of Garrettsville High School and is now employed by the General Telephone Company in Garrettsville. Mr. Mathy, a graduate of Ashland High School, is a P. E. Line employee.

In Memoriam

IZETTA A. ROGERS

Mrs. Izetta A. Rogers, 35, an Arsenal resident for the past 12 years, was buried March 27 in Maple Grove Cemetery, Ravenna. A native of Horton, W. Va., she died March 24 after being ill for two months.

Mrs. Rogers was employed by Nationwide Food Service at Bolton Barn Cafeteria for the past 14 months. She is survived by her husband, Wilbert, a foreman of ammunition handlers in the Depot and a daughter and son at home.

ANNA GANTT

Funeral services were held March 16 for Mrs. Anna Gantt, 81, of Newton Falls. She died March 12 in St. Joseph's Hospital and is survived by a son, Henry, who is general foreman of the George Road Shops, a daughter and one grandchild.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer

Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Misceovich, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalcawczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohne, Dick Moffat, Lillian French, Margaret Taylor.

Sports Quiz

- 1. In which American League park were the most home runs hit in 1952?
- 2. What college basketball player set a new scoring record in the last three minutes of the 1952 season?
- 3. What boxer's punch was timed at 135 mph?
- 4. Who was the first czar of a national sport?
- 5. Who holds the National League record for grand slam homers?

Salvage Bowlers Win Monday Night League Championship

Stores Cop Tuesday League Crown

The Salvage kegglers rolled to victory in the Men's Monday Night Bowling League on April 13 with a final tally of 72½ wins, and 39½ defeats.

Stores copped the Tuesday Night League Championship title with a final score of 77½ victories and 34½ defeats.

Members of the Salvage squad are Ed Weyrich, Bill Warthen, Tom Brown, Mel Jagnow, Charlie Kehl and Charlie Simera. Stores kegglers are Carroll Ruben, Al Dessum, Bob Pavlick, Mel Jagnow and Joe Kehl.

Load Line Two copped second place in the Monday Night League by winning 65½ games and dropping 46½. The P. E. Line Foremen racked up 63 wins to take the number three spot in the league. They lost 49 games.

In the early weeks of the Monday Night League action, Salvage and Load Line Two fought back and forth for the number one spot. The Salvage bowlers have held the lead since November 3, 1952.

During the entire bowling season, Line Two, P. E. Foremen and Jolly Rogers battled back and forth for second and third place. The Jolly Rogers finished in fourth place.

In the early weeks of action in the Tuesday Night League, Stores held down the third and fourth place. On November 25 the league winners pulled up into the number two spot, and on December 2 they took first place.

Load Line One kegglers held the lead during the early weeks of bowling in the Tuesday League. During the remaining part of the season, the Industrialists, Depot U-7 and Line One battled back and forth for second and third place.

Line One ended the season in second place, Industrialists took the number three spot, and Depot U-7 ended in fourth place.

Final standings for the two leagues are as follows:

MONDAY NIGHT LEAGUE			
TEAM	W.	L.	Pct.
Salvage	72½	39½	.645
Load Line Two	65½	46½	.573
P. E. Foremen	63	49	.561

Bowling Tournament Deadlines Extended

Deadlines for entries in the Arsenal League Bowling Tournament have been extended, the Recreation Department announces. New deadlines are: Team Event — 9 p. m., Wednesday, April 29; Doubles Event — 6:30 p. m., Tuesday, May 5; and Mixed Doubles Event — 9:30 p. m., Thursday, May 7.

TUESDAY NIGHT LEAGUE

Stores	77½	34½	.690
Load Line One	72	40	.641
Industrialists	67½	44½	.602
Depot U-7	67	45	.595
Stand-Ins	53	59	.472
Manufacturing	51	61	.454
Arsenalites	46	66	.409
Ammo. Insp.	17	95	.151

New Arrivals

A DAUGHTER, Jayme Michelle, to Mr. and Mrs. J. O. Nelkirk on April 6. Mr. Nelkirk works in the Ammunition Inspection Department.

A BOY, Robert Vaughan, to Mr. and Mrs. James Martin of Apco on March 25. This is their second child. Mr. Martin works in the Paymaster's Office.

CONGRATULATIONS to Dr. and Mrs. A. L. Knight, Apco, on the birth of their first child, George Frederick, on April 11. Dr. Knight is the Industrial Physician for the Arsenal.

A GIRL, Brenda Lynn, to Mr. and Mrs. Naseeb Nieman of Newton Falls, on March 22. Mr. Nieman works in the Ammunition Inspection Department.

A BOY, to Mr. and Mrs. Harold Howell of Brady Lake, Mr. Howell is Assistant Manager of Nationwide Food Service, Inc. here at the Arsenal.

Arsenal Savings Bond Drive In Full Swing; 100 Per Cent Employee Participation Is Aim

The 1953 Ravenna Arsenal Savings Bond Drive is now under way. Our employees are being contacted by their supervisors and asked to participate in the Payroll Savings Plan. The drive has as its goal 100 per cent employee participation.

At the present time only one-third of the employees are taking advantage of the Payroll Savings Plan to purchase U. S. Savings Bonds. Our percentage of participation is below the average in the 22 arsenals in the United States which are under contractor operation.

Recent correspondence from Brig. Gen. W. E. Laidlaw, Commanding General of Ordnance Ammunition Center, called to the attention of Ravenna Arsenal the fact that our participation is below average.

Bulletin!

Seven departments have gone 100 percent in the 1953 Savings Bond Drive as of press time. So far, employee participation is up to 48 percent with returns pouring in daily. The 100 percent departments are: Railroad Shop Maintenance, Laundry, Roads and Grounds Equipment Repair, Sewage, Stock Records, Firefighters, Water and Stock Control.

General Laidlaw pointed out that the purchase of Savings Bonds is an integral part of the defense effort and is particularly appropriate that we, who are so actively engaged in the defense effort, leave no stone unturned for the furtherance of the bond program. He also said that the regulated purchase of Savings Bonds is considered to be for the benefit of both the nation and the employee.

For the purpose of friendly competition, the Arsenal has been divided into five units and chairmen have been appointed to spearhead the drive for participation.

THE UNITS and chairmen are: Administrative and Inspection, V. C. Bloomer; Engineering and Maintenance, William Wagener; Robert Pavlick and George Yocum; Manufacturing Lines, Frank Fedorka, Ray Williams and James Russ; Depot, Richard Spencer and Glen Taylor; Services, L. B. Coleman and H. H. Harris.

The drive officially started on April 20 and will close April 30. It is expected that by the close of the drive Ravenna Arsenal, Inc. will be among the leaders in Arsenal participation. Employees who wish to participate are urged to contact their supervisor or foreman and enroll at once.

The merits of the Payroll Savings Plan are too numerous to mention in detail, but can be summarized by saying that U. S. Savings Bonds are the safest savings in the

world. They will be replaced if lost, stolen or destroyed.

This plan is the easiest way to save since your bond deduction is taken from your pay before you receive it. You not only help yourself but you help your Government by lending your money to Uncle Sam who returns it with interest upon maturity of the bonds.

Join the U. S. Savings Plan today, and start in May to save the "E" Bond way.

12 Softball And 8 Two-Man Golf Teams Ready For Action

The spring and summer recreation program for all Arsenal employees will be in full swing within the next few weeks. Twelve softball teams and 8 two-man golf teams are now ready for action.

The 12 softball teams represented at the organizational meeting held April 13 were: Control Lab, Motor Pool, Financial Accounting, Roads and Grounds, Postiles, Engineers, Materials Inspection, P. E. Line, Ammunition Inspection, Bolton Barn and two Product Engineering and Inspection squads.

Seven other softball teams have said they will also enter the Arsenal League.

Another meeting will be held May 4 at 4:30 p. m. in the Recreation Building Auditorium. Team rosters will be reviewed at the meeting and the leagues will be established. Team rosters must be sent to the Recreation Office, Room 15, Personnel Building.

OAC Official Is Arsenal Visitor

H. L. Guenzler, Chief of the Shell Loading and Renovation Branch at Ordnance Ammunition Center, visited Ravenna Arsenal on April 14 and 15. Mr. Guenzler toured all the operating lines to observe loading techniques and operations.

His last visit here was in May 1952 during the first meeting of the Complete Round Sub-committee, of which he is chairman. The sub-committee is part of the Integration Committee on Shell Loading.

Mr. Guenzler has been in ammunition work since 1931 when he started at the Savanna (Ill.) Ordnance Depot. In 1943 he transferred to the Field Director of Ammunition Plants, the predecessor of Ordnance Ammunition Center.

Conservation Club Plants 5,000 Trees

Members of the Arsenal Conservation Club have planted 5,000 trees throughout the Arsenal. The members did the planting on their own time and purchased the trees with their own money.

During the winter months the club also set up bird feeders throughout the area. This is part of the club's conservation program for the benefit of the Ravenna Arsenal and surrounding counties. This work is done at no cost to taxpayers.

The softball schedule will also be drawn up and the starting date announced at the May 4 meeting. All team representatives are asked to be present for the meeting.

THE EIGHT TEAM golf league is composed of Comptroller's Division personnel and they will play their first competitive rounds on May 7 at the Chestnut Hills Golf Course.

All other golf teams interested in playing in the Chestnut Hills League each Thursday should report to the golf course on May 7 at 5:30 p. m.

The Wednesday Night Golf League will battle over the Meadowview Golf Course. League teams will play their first competitive rounds at Meadowview on April 29. All other teams interested in joining the league should report to the course on April 29 at 5:30 p. m.

No response was received from Arsenal golfers to form a league in the Warren-Youngstown area.

CONGRATULATIONS to Mr. and Mrs. Arnett Swiger, Mantua, on the birth of their second child, a boy on April 7. Mr. Swiger works in Department 190, Depot.



Be Prepared--Join
An Arsenal First
Aid Training Class

Vol. 2, No. 7

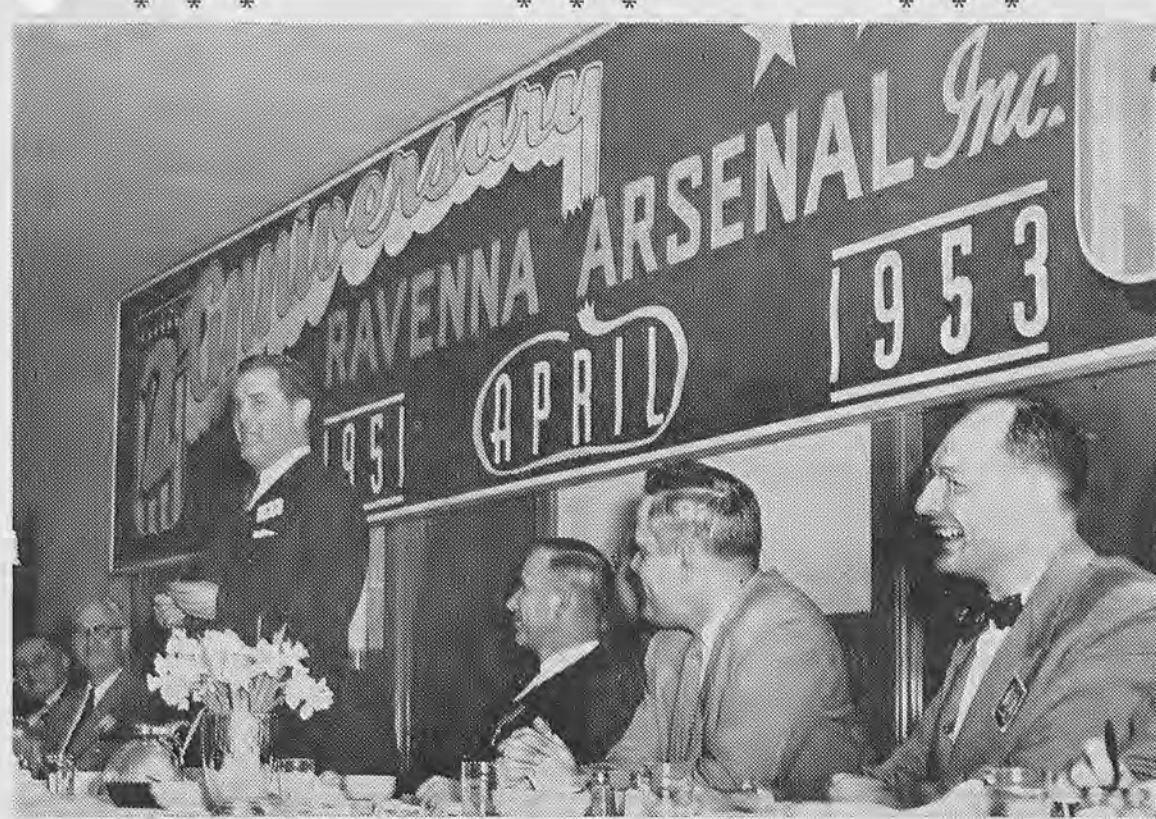
RAVENNA ARSENAL, INC., APCO, OHIO

April 28, 1953

RAVENNA ARSENAL NEWS

Men's Choral Group
Meets Every Monday
At 4:45 p.m. In The
Recreation Hall

RAI Celebrates Second Anniversary



J. E. TRAINER, RAI President and Firestone Production Vice-President, is shown above as he spoke to Arsenal supervision at RAI's Second Anniversary dinner-meeting on April 13. Others at the speakers table are, left to right: Carroll Ruben, H. M. Krengel, Mr. Trainer, E. V. Crutcher, W. J. Fogarty and J. C. Duer. Also seated at the table, but hidden from view, are: Col. C. K. Allen, Paul Borda and Capt. W. L. Watts.

RAI President Praises Fine Production, Safety Records

Congratulations for a job well done have been extended to the men and women of Ravenna Arsenal, Inc. by J. E. Trainer, RAI President and Production Vice-President of The Firestone Tire & Rubber Company.

Mr. Trainer spoke before the April 13 supervisory dinner-meeting commemorating RAI's second anniversary at Ravenna Arsenal and was deeply impressed by the fine production record established during the past year.

He went on to say that team work starts from the top, but to get results, it is up to the working supervisor and the employee who does the job. "Everyone should be justly proud of RAI's production accomplishments," Mr. Trainer declared.

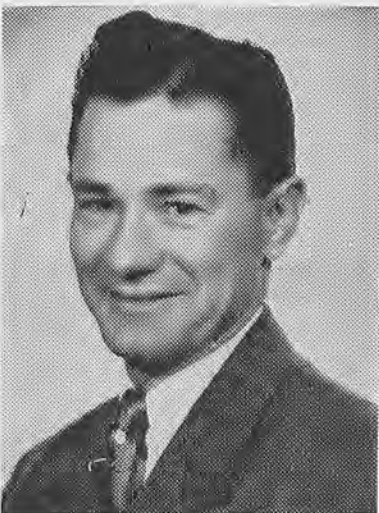
"The only way that we will have more goods to distribute is by individual production of everybody, because they add to our economic power. And by having more goods in the pool there will be more for distribution," he pointed out.

Mr. Trainer said the reduced costs in renovating and producing shells was gratifying. "Reduction of costs benefit everyone, because we pay for this cost by our taxes," he emphasized.

"Your safety record for the past year was outstanding," the Firestone executive asserted, "but your job will be harder during the next 12 months as you endeavor to beat your record."

"IT IS HARD to get people to realize and appreciate the fine job you have done and the few accidents you have had to a few employees and none to the Arsenal proper. But if there is one bad accident, somebody slips or becomes too familiar in handling explosives, then that is the only thing they will remember about RAI's operations here," Mr. Trainer declared.

M. K. Skipper Is New Line One Superintendent



M. K. SKIPPER

Promotion of M. K. Skipper to Load Line One Superintendent has been announced by Paul Borda, General Manager. Prior to his promotion, he was Inspection Department Manager.

Mr. Skipper has been with The Firestone Tire & Rubber Company 14 years. He transferred to the Arsenal in March 1951 as Production Planning Department Manager.

He started working for the Company in the Final Inspection Department at Plant One in Akron. Mr. Skipper entered the Navy in January 1942 and upon returning to Firestone in 1945 he became secretary to the Production Superintendent of Plant One. He held this position until coming to the Arsenal.

Mr. Skipper is a graduate of Actual Business College in Akron and attended Akron University for two years studying business administration. For recreation he enjoys golf, bowling, softball and fishing.

Production Record, Expansion Program Cited By Paul Borda

Ravenna Arsenal, Inc. is two years old this month. On April 1, 1951 RAI took over the operation of Load Lines One and Two and about 625 employees. Total personnel was about 860.

Today, RAI operates the entire Ravenna Arsenal, which is the second largest Army Ordnance installation in the nation.

A subsidiary of The Firestone Tire & Rubber Company, RAI gradually took over one operation after another during the first year. By April 1, 1952 the entire Arsenal was being operated by the subsidiary.

In addition to new employees hired during the first year, nearly all Ordnance personnel were transferred to RAI. About 4,400 men and women are now employed by the contractor.

PRODUCTION facilities include four shell loading lines, a cartridge case renovation line, and two component lines—Artillery Primer and Percussion Element.

Col. C. K. Allen, Commanding Officer, lauded the accomplishments of Ravenna Arsenal, Inc. during their second year of operation as he spoke at the Second Anniversary dinner-meeting. "Renovation of World War II ammunition was completed and the scope of the new loading program was extended," the Colonel added.

He stated, "Substantial progress has been made in the improvement of loading facilities and techniques, and the expansion program will further improve the efficiency of Arsenal operations."

"Throughout the second year," Colonel Allen pointed out, "the Ordnance Corps staff has served in the administration of the contract, assisting in the carrying out the safety program, and in conducting acceptance inspection of RAI production."

Colonel Allen closed by saying, "The coming year presents a challenge to all Arsenalites. Our goal is improvement of our good safety record, maintenance of our high quality of production, and meeting the stepped-up production schedules at lower operating costs. To these ends I pledge the full cooperation of my staff."

In speaking before members of supervision at RAI's Second Anniversary dinner-meeting, Paul Borda, General Manager, paid tribute to the fine cooperation of the Ordnance Corps staff and expressed hope for their continued help.

In his report Mr. Borda stated, "The two and one-half million dollar expansion program now underway will greatly increase our loading capacities and after one year will reduce production costs by \$1,500,000 per year."

"Construction of warehouse additions to the shipping buildings on Load Lines One, Two and Three will provide space for packaging supplies and thereby eliminate delays waiting for transportation and make possible the shipment of incoming materials directly to the point of use. These additions will save \$555,000 per year."

"Mechanization of Load Line One will increase production and reduce manufacturing costs. With this mechanization, Ravenna Arsenal will have the most efficient 90mm shell loading line in the industry. Savings will be \$1,000,000 per year."

"Load Line Four is being re-

habilitated and re-tooled for loading high explosive anti-tank mines. This is a high priority item and production will begin early this summer.

"LOAD LINE THREE will be re-tooled to load 155mm shells. A year ago, there was no production of 155mm shells. Today, these shells are being loaded on Line Two at the rate of 7,000 tons per month. This is expected to be increased to 10,000 tons as soon as Line Three goes into production."

"Renovation of World War II shells and spent cartridge cases from Korea has saved millions of dollars as compared to the cost of producing new ammunition. During the past year, 310,000 90mm shells were renovated at a cost of \$4,550,000 at a saving of \$4,602,000 under the cost of producing the same number of new shells. Renovation of 298,000 105mm shells was accomplished at a saving of \$2,930,000."

"In addition to these dramatic savings, 155mm shells are being loaded with 10 to 20 per cent fewer manhours than were required during the peak production period of World War II."

"Over-all output during March 1953 was 83 per cent of that attained by this Arsenal in early 1945 and this was accomplished with one-third fewer employees."

"Through improvements in production efficiency, reduction of absenteeism and labor turnover, 27.6 pounds of ammunition were loaded in February 1953 for \$1.00 as compared with 14.1 pounds of ammunition produced for \$1.00 in March 1952."

"Artillery primer and percussion element loading was greatly increased from 9,276,000 in 1951 to 84,554,000 in 1952."

"ANOTHER important phase of RAI operations is the receiving, shipping and storing of ammunition which increased from 85,400,000 pounds to about 120,000,000 pounds, or an increase of 41 per cent."

"Substantial improvements were made during the past year in attendance and personnel turnover. Absenteeism dropped from 6.9 per cent to 5.1 per cent and turnover decreased from 5.3 per cent to 4.2 percent. These improvements have contributed to more efficient operations and lower costs."

"There was also a substantial improvement in our safety record. The number of accidents per million man-hours worked dropped from 3.1 during the first year to 1.7 the second year."

"Group insurance and hospital benefits are being paid to RAI employees at the rate of about \$300,000 per year, and favorable comments have been received from employees who benefited in time of need."

In closing, Mr. Borda expressed his appreciation for the loyalty and team work of all the employees

(Continued on page 2)



MEMBERS of RAI supervision are now participating in monthly conferences to discuss their safety problems and to exchange ideas on how to solve them. The one-hour discussion meetings started February 16 and are held in the Headquarters Conference Room.

Discussing the results of one of their safety meetings with T. M. Brown, RAI Safety and Training Manager, are left to right, sitting: Jesse Whiting, Department 194, Depot; Marion Young, Department 194, Depot; T. M. Brown; Verne Vandenoorn, Engineering; Ernest

Ceroky, Control Lab. Standing: Leo Money Penny, Production; Ray Warren, Engineering; Wally Whitaker, Department 190, Depot; William Herron, Department 192, Depot; Edgar L. Parsons, Inspection.

RAI supervisors and foremen also discuss the overall Arsenal safety problem and the possibility of better cooperation and coordination between the Safety Department and the various production departments. Mr. Brown is the moderator for the meetings and reports that they have been well received by those attending the conferences.

2nd Anniversary Pictorial Review ...



AN EDUCATIONAL TOUR of the Arsenal was conducted for RAI and Ordnance office personnel whose technical paper work is closely allied to the loading, shipping and storing of high explosive shells. These employees toured all the work areas to see the operations first hand. The number of employee tourists permitted to enter an operating line was also limited from a standpoint of safety and productivity. These employees witnessed operations and mechanisms which were only words before the tour.



A YEAR ROUND recreation program provides companionship, entertainment and competition for many employees. Participation is good in spite of the Arsenal's geographical location. The program includes golf, softball, bowling, horse shoes, volley ball, badminton and miscellaneous social activities.



FIRE PREVENTION and protection is a 24-hour-a-day job for the Arsenal Fire Department. They are constantly on the alert for fire hazards. These Arsenal firefighters also train employees in the use of fire fighting equipment and keep this equipment in tip top condition. During Fire Prevention Week in October, the Fire Department conducts Arsenal-wide demonstrations on fire-fighting methods and fire prevention for the benefit of employees, as shown above.



DIRECT SHIPMENT of shells from the load lines to our Armed Forces was inaugurated. This reflects high quality because a load line must be on preferred status to ship ammunition direct prior to ballistic acceptance. Direct shipments also save \$727 per day in reduced materials handling costs. Shown above are 155mm shells being loaded in a commercial freight car on Load Line Two.

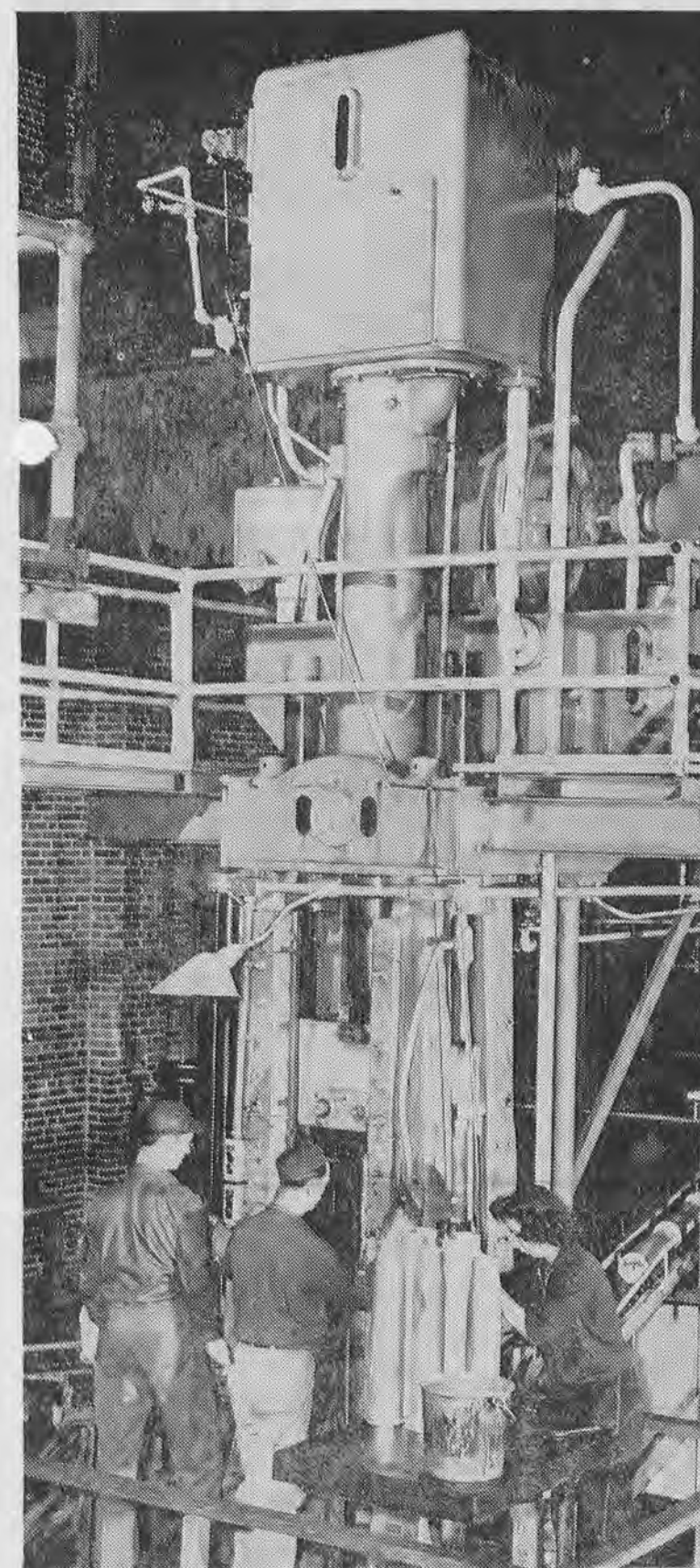


THE SAFETY SLOGAN Contest was a big success through the concerted effort of RAI employees. The winning slogan for 1953 was "Safety's Smart, Do Your Part". Contest winners are shown receiving their awards from Paul Borda, General Manager. Over 5,000 slogans were submitted to the Safety Department by 1,045 participating employees. This was the biggest Arsenal slogan contest in several years.



CHILDREN'S CHRISTMAS party was the largest held at the Arsenal in recent years. Over 3,500 people attended the three performances in Bolton Barn. More than 2,000 children of Arsenal employees received a gift and a stocking full of candy at the party. The program included a magic show, movies and Santa Claus, who greeted the children.

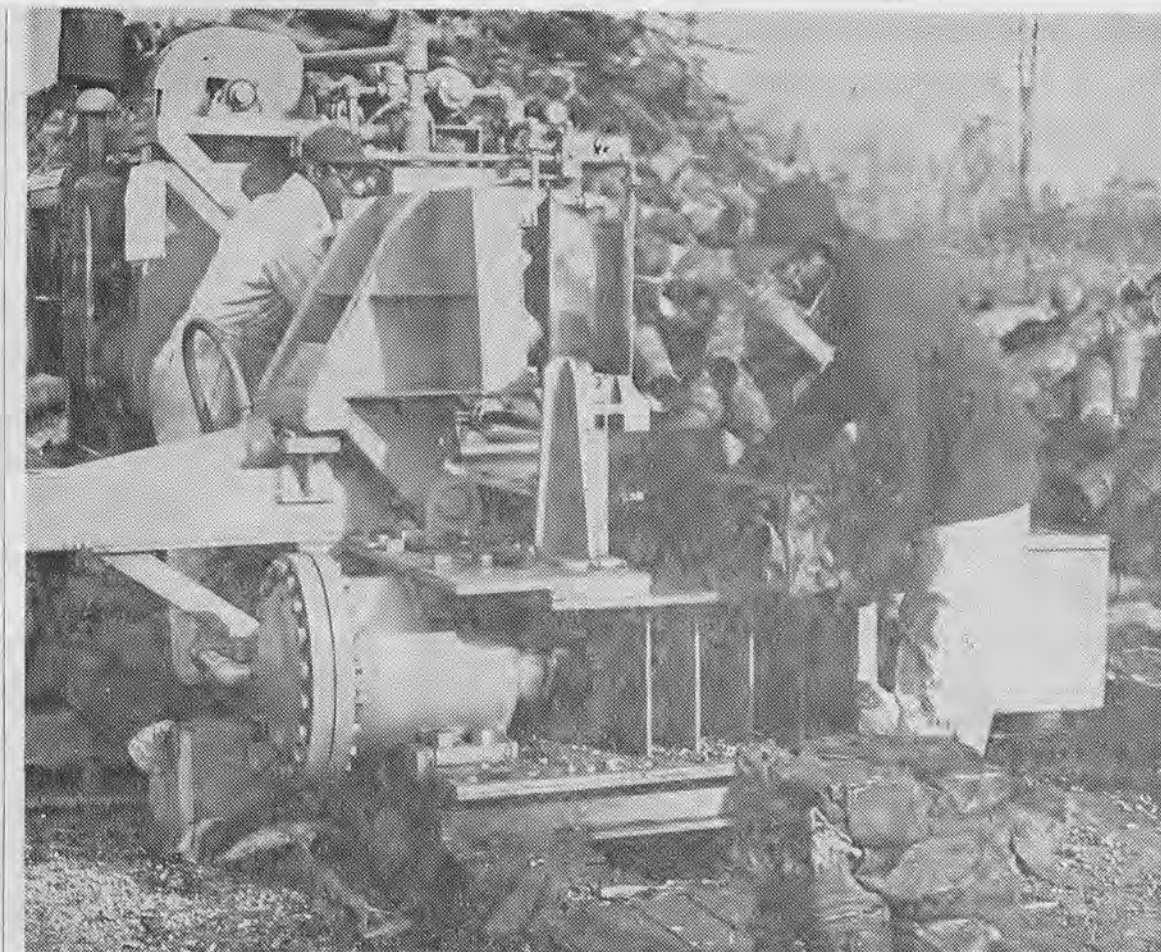
2nd Anniversary Pictorial Review ...



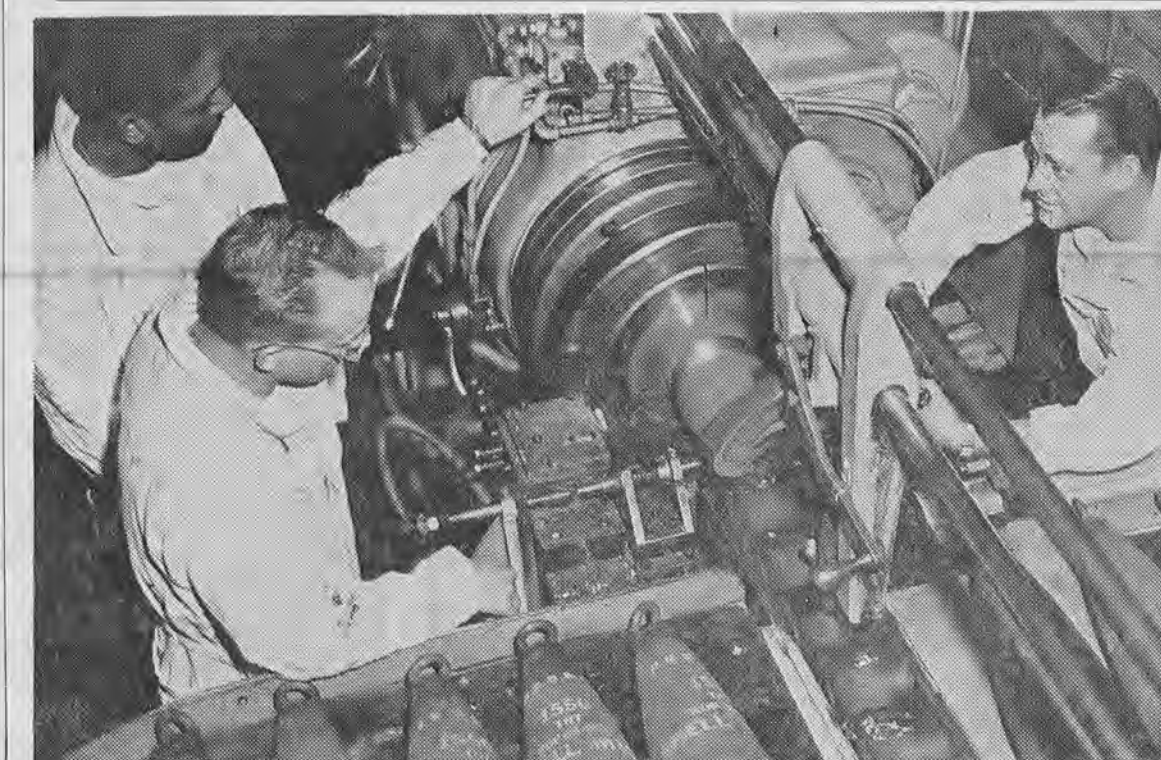
RENOVATION of 90mm spent cartridge cases was started on the A. N. Line. Millions of cases repaired in this way have been made available for instant re-use at a time when there is a tremendous shortage of new brass cartridge cases. Savings are more than 70 per cent of the cost of making new cases. The used 90mm cases are sent here for renovation from Korea and U. S. training camps. This huge 75-ton press re-sizes the bodies of the used cases.



LOADING AND SHIPPING of high priority 155mm projectiles is another phase of Arsenal production. These shells are now being loaded with TNT on Line Two and then shipped directly to our Armed Forces. Production of 155mm shells will be increased this summer when Load Line Three begins loading these high explosive shells.



SCRAP AND SALVAGE in an important phase of operating this Arsenal. The above photo shows obsolete steel cartridge case containers being compressed into compact bundles for sale as scrap. This new baler reduces the cost of shipping the containers, and other types of scrap, in loose form. But the big job is separating the scrap from material that can be salvaged for use again here, and preparing and sorting the scrap into various categories.



CONVERSION of 155mm gun shells to 155mm howitzer shells was done on Load Line Three. This renovation job provided some of the most critically needed ammunition in Korea this past year. Lathes were used to cut down the rotating band on the 155mm gun shells so that they could be used in the howitzer. The job also involved deep drilling the nose cavity, cleaning the threads, inserting a new cavity liner, gaging, repainting the shell, inserting a supplementary charge, zone weighing, stenciling and packaging for shipment.



OVER \$10,000 was donated by Arsenal employees to the Community Chest, Red Cross and other worthy causes during the past year. This money was distributed to the surrounding communities where our employees reside. These communities have expressed their gratefulness to the Company and its employees.

Congratulations From General Laidlaw

(Editor's Note—The following is a letter of congratulations received by Paul Borda, General Manager, from Brig. Gen. W. E. Laidlaw, Commanding General of the Ordnance Ammunition Center.)

"This will acknowledge with appreciation your letter of April 7 inviting me to attend your assembly in observance of your 2nd anniversary of operation of Ravenna Arsenal.

"I particularly regret that other commitments in connection with ammunition production will not permit me to attend your program, because it seems to me that your assembly and the matters of most immediate concern to my headquarters share a common purpose.

"This purpose is the systematic, continued improvement of the quality, quantity, and cost of the ammunition we are producing, as well as the improvement of our physical capacity to produce more ammunition when needed. In the two years of your operation of Ravenna Arsenal, much of significance has already been achieved in renovation of ammunition, new production, cost reduction, and the improvement of the physical plant. In the job that is ahead of us, a great deal more remains for accomplishment. It is necessary for each of us who share responsibilities for this job to examine each day whether we are personally satisfied with our particular contribution.

"You may be assured that no effort will be spared from my office to continue the steady progress toward the highest order of production performance. Each month we have been getting more and more good reports on the production performance of our plants. It is my earnest desire that the Ravenna Arsenal should continue to have a prominent part in the favorable news."

Your Plant Protection



The plant guard is a symbol of protection for American industry. He is the key to the protection of your plant. It is his responsibility to protect all property within the limits of plant boundaries and to protect employees and others on the property.

The job for which he is trained is an important one. He is charged with the enforcement of the law insofar as company and employee interests are concerned. He must enforce safety regulations, rules of conduct, and company and plant policies and procedures.

Today, American industry is in constant danger from subversive activities. Espionage agents seek information which will help any potential enemies. The saboteur seeks to tie up or stop our productive capacity. Together, the saboteur and spy could become one of the most effective weapons that could be used against us.

Your plant guard must be on the alert to prevent espionage and acts of sabotage. He must be wide awake to prevent fire and carelessness. He must guard against pilferage and waste.

Day and night, workdays and holidays, he is never free of his responsibilities. He knows that constant vigilance is the price of security.

The guard depends on you to help him carry out his mission. He needs your cooperation to maintain effective plant security. If you fail to do your part through indifference or neglect, you may be contributing to the success of a saboteur or foreign agent.

Your best protection against any enemy is common sense. Use good judgment. Be calm. Report to proper authorities any suspicious act or person.

Plant protection rules are made to protect you and the plant. They protect your job—and your life. Be a good American. Be alert.

Cooperate with your Ravenna Arsenal Guard Force.
ROSWELL L. GILPATRIC
Under Secretary of
The Air Force

Ravenna Arsenal NEWS

Vol. 2, No. 7 - - April 28, 1953

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Jack Taylor, Susan Jones, Nellie Kentris, Betty Maurer, Thelma Higgins, Fred Benbow, Willie Sands, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Misceovich, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French, Margaret Taylor.

Ordnance Employees Receive Service Awards



THREE ORDNANCE staff members have been awarded service pins. Col. C. K. Allen, Commanding Officer, is shown presenting a 10-year award to Janet L. Witherstay of Garrettsville. Left to right, are Carroll Ruben, Mary C. Melillo, George E. Halstead and Charles R. Kennington. Five-year service pins were presented to Mrs. Melillo of Windham and Mr. Halstead, a Ravenna resident. Participating in the ceremony were Mr. Ruben and Mr. Kennington, who are chiefs of the Operations and Administrative Divisions in which the award winners are employed. The award program is sponsored by the Civilian Welfare Fund to provide recognition to personnel on active government rolls who have completed continuous satisfactory periods of five and 10 years Arsenal service.

RAI Celebrates ...

(Continued from page 1)

without whom the output of the past year would have been impossible. He added, "Future production schedules will be much higher and along with the expansion program, we will have additional burdens and responsibilities."

"Our abilities and our energies will be tested to the utmost," he said, "but I have full confidence in the Arsenal team and feel sure that a review of accomplishments in another year will again show a fine production record."

Quiz Answers

1. Detroit's Briggs Stadium (12).
2. Clyde Lovellette, Kansas All-American, who tallied his 1,888th point to better the then existing three-year mark of 1,886 points, set by Dick Groat of Duke.
3. Jack Dempsey's punch was officially timed at 135 mph, using a short blow 9-10 inches. Joe Louis registered 127 mph.
4. Judge Kenesaw Mountain Landis, who was appointed baseball's first commissioner in 1921, shortly after the Black Sox scandal of 1919.
5. Rogers Hornsby with 12.

First Aid Training 'Pays Off'

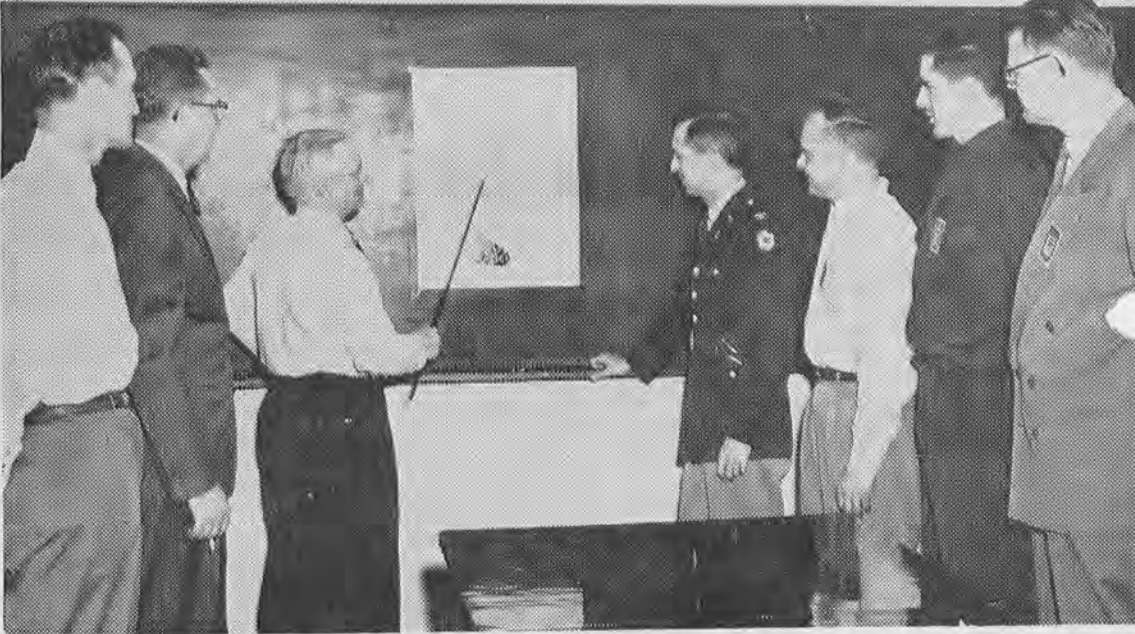
The importance of "First Aid Training" became a reality for Crew Chief Charles Salem of the Arsenal Fire Department a few days ago. On April 8, Mr. Salem completed his final lesson in the Arsenal First Aid training course and upon arriving home that evening, he found his first patient, his wife, waiting for him. Mrs. Salem had two serious cuts on her right wrist. By using the knowledge he had gained in the Red Cross First Aid course, Mr. Salem was able to stop the bleeding and prevent any infection that might have occurred.

This same situation could happen in your home, or a fellow worker could be injured right in front of your eyes. Would you be able to aid an accident victim, or would you stand around helpless? All Arsenal employees now have the opportunity to enroll in a First Aid training class in order to be prepared for any emergency. Enroll NOW for the First Aid classes that will start next month.

Enrollment cards can be obtained from your supervisor or from the guards at all line gates, or you can fill out the enrollment blank below, and send it to R. B. Walters, Fire-Guard Chief, Fire Station One, or give it to any Arsenal Guard.

+ Red Cross First Aid Class +	
NAME.....	
ADDRESS.....	
DEPT. PHONE..... HOME PHONE.....	
DEPARTMENT..... SHIFT HOURS.....	
CLOCK NO..... SALARY.....	
CLASS OF MAY 5, 1 to 3 P.M.....	
CLASS OF MAY 7, 5 to 7 P.M.....	

Ordnance Safety Personnel Complete Training Course



MEMBERS of the Ordnance Safety Office have completed their safety training course started in May, 1952. Pictured with Col. C. K. Allen, Commanding Officer, during the final session are, left to right: John T. Dishong, Ravenna; Virgil L. Carpenter, New Milford; Charles P. McKinley, Ravenna, (pointing out a quantity distance safety problem); Colonel Allen, William J. Kazimer, Newton Falls; Francis H. Eildebrand, Mantua; and Hartford P. Thune, Ravenna. Donald N. Royston, Akron, who also completed the course, was not present when the photo was taken.

The group met two hours each week to discuss explosive and industrial safety stressing more effective accident prevention work. Discussion of quantity distance problems was also one of the many topics included in the course. Mr. Thune, Safety Office Chief, directed the course and was assisted by Mr. Carpenter and Mr. McKinley. The program was based on the course used at the Ordnance Field Safety Office Technical School. Certificates were awarded to each graduate at completion of the final session.

News In Brief

Production Offices

Edith Heintz and Ruth Jonason, Field Service Stock Control, spent a recent weekend in Washington, D. C. attending the Cherry Blossom Festival....The girls in Field Service Stock Control enjoyed a dinner party at Cafe 422 near Warren, on April 9....Doris Harris, Traffic, and her husband, Robert, have returned from a three-week trip to Fort Luaderdale, Fla....Welcome back to Carmella De Santis, Traffic, who was off for several months recuperating from an operation....Dorothy Waltz, Production Planning, is still enthused about a week of sight-seeing in New York City with her husband and little daughter....Lynne Lewis of Industrial Service Stock Control and her husband, Vernon, an Arsenal fire lieutenant, have moved into a new apartment in Kent.

Depot Area

Dan Marginen, Department 192, recently underwent surgery in Fairview Hospital, Cleveland. We wish him a full and speedy recovery. Bill Herron, U-14, visited his parents in Washington Courthouse, O., week-end of April 11....The welcome mat is out for Carl Seckman, who transferred from Load Line Three to Department 192....A hearty welcome back to Bessie Hutcheson, Department 191. Bessie returned to work March 30 after a lengthy absence due to illness....Agnes Mailach, Department 191, spent a very enjoyable Easter weekend in New York City. She went on a tour of Rockefeller Center, Chinatown, the Bowery and United Nations Building. She saw several Broadway plays and took part in the Easter Parade on Fifth Ave.

Frances Kolasky, Department 191, and her family spent the Easter weekend at the home of her parents in Weirton, W. Va....Grace Bainter's husband, Noah, has returned home after spending one week in Robinson Memorial Hospital, Ravenna, and three weeks in City Hospital, Akron. We extend our get well wishes....Sgt. E. G. Fortune, Lake Charles Air Force Base, La., and his family are spending a 20-day leave with his mother, Mrs. Carolyn Bentz, Department 191....Sarah Pelmonter, Department 191, and her daughter, Mary Alice, recently welcomed home Mary Alice's husband, Pfc. James Solits, Pfc. Solits spent his last eight months in Germany and has now been discharged.

Wilbur Rogers recently had a considerable amount of misfortune. His daughter, Beverly, was hospitalized for appendicitis and then Wilbur himself was hospitalized. Get well wishes are extended to both....Nancy Kyser, Bolton Barn Office, recently became an aunt. Her new nephew was born on Easter Sunday.

Ammunition Inspection

Mr. and Mrs. Grant L. Higgins celebrated their 12th wedding anniversary on April 4. Many of their friends and Mr. Higgins' co-workers attended the party held in Newton Falls.

Guard Force

Harold W. Elgin recently spoke before Flight "D", Kent Air Force Reserve group. Mr. Elgin, who is a Lieutenant Colonel in the reserves, spoke on "Psychological Warfare".

Artillery Primer Line

Dana Booth is back to work after spending an enjoyable week with her aunt in Fort Worth, Tex....Helen Cassette and family spent a recent weekend with her father in Du Bois, Pa....Gladys Daugherty spent a week in Kentucky with her mother who underwent an operation....We are glad to hear that Gladys Simpson is home from the hospital and is feeling better.

George Road Shops

Charles "Chuck" Needler, Paint Shop is one of 23 members of a newly organized mounted posse for the Trumbull County Sheriff's Department. Mr. Needler runs a breeding farm in Southington for pure bred Arabian and Palomino horses. Chuck was foreman and veterinarian for the Atlas Powder Company stables here during World War II.

Ordnance Staff

We wish to welcome George Steinwender, who transferred to the Operations Division, Facilities Branch, on April 13.... Captain Edward A. Healy, Security, recently spent a week visiting his family in Brooklyn, N. Y....Charles R. Kennington, Administrative, spent an enjoyable Easter with his family in Kimmundly, Ill.

P. E. & I. Division

Benson Higgins, who was injured in an auto accident on March 31, is still confined to his home. Mr. Higgins is a materials inspector.... New employees are Charles O. Bailey from Ravenna and Geraldine M. Windhorst from Newton Falls. Charles is a department inspector on Line One and Geraldine is a clerk-typist in Quality Control, Inspection Department.... Recent transfers were Walter Amos and William Guthrie from Process Inspection to Materials Inspection.

Nationwide Food Service

A group of employees from the Main Cafeteria celebrated the birthday anniversary of Pete Droccopolas, the chef, with a chicken supper on March 13. Pete received a TV lamp and many other gifts. Pete also recently received a 10-year service award pin from Col. C. K. Allen....Martin King from the Nationwide Food Service office in Chicago recently visited the Arsenal....Margaret Taylor, Main Cafeteria, completed eight years service at the Arsenal on March 29.

Personnel Building

Irene Few was feted at a miscellaneous wedding shower on April 10. Hostesses were Norma Feiss and Estelle Kenny. Games were the diversion of the evening with prizes being won by Marian Capela and Mary Padovane. Irene received many lovely gifts....Don Anderson and Bob Wilson spent a week's vacation in Bedford County, Pa., just relaxing and trout fishing in Yellow Creek. Don caught the first one, a 12-incher....Marian Capela made a recent trip to Niagara Falls, enjoying the sights on the Canadian side.

Load Line One

Bill Davis would like to thank his many friends for the flowers and cards he received while confined to the hospital....Welcome is extended to Mike Gaskell, Charles Shuke and M. Abeid who recently transferred to Line One....Get well wishes are extended to Marilyn Myers and Ruth Carver who have been hospitalized....Also on the sick list recently were Alice Kelly, Helen De Hart, Andrew Moton and Garland Syme....We are sorry to hear that Dorothy Shaw's son has been hospitalized....Florence Berry recently returned from her vacation in Frankfort and Chillicothe, O. where she visited relatives.

Firestone Official Named Special Assistant To Secretary Of Defense

Appointment of Robert W. Koch, Director of Purchases of The Firestone Tire & Rubber Company, as a Special Assistant to the Secretary of Defense, has been announced by Roger M. Kyes, Deputy Secretary of Defense.

The assignment of Mr. Koch will be that of securing effective and efficient procurement methods and operations throughout the Department of Defense, according to Deputy Secretary Kyes.

Assisting Mr. Koch in Washington will be Major General J. Matejka, who has been relieved from duty by Military Director for Production and Requirements at the Munitions Board.

Born in New Waterford, Ohio, Mr. Koch is a graduate of the University of Pittsburgh. He was employed by Firestone in 1925 and was assigned to the purchasing division of the Firestone Steel Products Company. In 1930 he was named purchasing agent for the parent company and in 1943 was made Director of Purchases, the position he has held since then.

During the leave of absence of Mr. Koch, Norman Smith, purchasing agent for Firestone, will temporarily take over some of Mr. Koch's duties.

Engagements

KOCHES-MCKINSTRY

Mr. and Mrs. Frank Koches, R. D. 1, Warren, have announced the engagement of their daughter, Alma Jean, to Bryan C. McKinstry, son of Mr. and Mrs. J. C. McKinstry, R. D. 1, Warren. Wedding plans for the young couple are indefinite.

Miss Koches is a 1952 graduate of Lordstown High School and is a clerk-typist in the Ammunition Inspection Department. Her fiancé was graduated from Newton Falls High School in 1950 and is employed by the Ohio Edison Company in Warren.

Weddings

WEAVER-MOSER

Miss Mona Lee Moser, daughter of Mr. and Mrs. James G. Moser of Windham, became the bride of Richard Weaver of Braceville on April 12 at the Church of God in Ravenna. Following the double ring ceremony a reception was held in the church parlor.

The newlyweds journeyed to Pennsylvania for their honeymoon following which they will make their home in Newton Falls. The new Mrs. Weaver is employed as a clerk-typist in the Load Line One Office.

Comptroller's Division

Joseph Riddle, Payroll, has passed his pre-induction physical examination and is now awaiting his call from the Armed Forces.... New member of the Steno Pool is Mary Lyons. Mary is a native of Kentucky but now makes her home in Newton Falls....Also from Newton Falls is Margaret Frank, new Financial Accounting employee. Margaret's husband works on Load Line One.... Rose M. Koia, from Ravenna, is the new employee in Cost and Inventory....New man in Payroll is Ed Horvat. A native of Leavittsburg, Ed now makes his home in Niles.

Recovering from a recent auto accident is Cliff Harriman from Purchasing. Mr. Harriman, who is confined to Trumbull Memorial Hospital, Warren, will be on the sick list for several weeks....Taking over some of the mail room duties is Jerry Mags of Johnstown, Pa. Jerry is now living in Ravenna with his sister, Ida Mae Ellis, Industrial Relations office....Lydia Williams recently had to take a forced leave of absence when her five-year-old daughter got the measles....Eleanor O'Hare and husband Ed enjoyed a two-week vacation at the Belfair Hotel near Tampa, Fla.

General Stores

Among the new employees in Department 1, Buildings 808 and 809, is Earl "Bootie" Lohr. Bootie hails from Brimfield but makes his home in Black Horse. He graduated from Ravenna Township High School in 1951. An ardent basketball player, Bootie is a guard on the YMCA Team....New stores attendant in Building 809, Peter Pollicano, was born in Carerra, Italy and is now living in Ravenna. Pete attended Ravenna High School and his favorite pastime is swimming....Matthew Lusette, Building 808, recently discharged from the Army, lives in Ravenna. Matt graduated from Ravenna Township High School and has been an RAI employee since March, 1953....The new employee in Department 3, Building 808, is Donald Pitzer, a transfer from Building 801. Don was born in San Diego, Calif. and spent four years in the U. S. Air Force doing air and ground photography work. His favorite pastimes include all sports. He and his wife, the former Catherine Verhosec, make their home in Warren.



—U. S. Navy Photo

THREE MEMBERS of the Arsenal-Charlestown Boy Scout Troop 557 recently visited the Akron Naval Air Station. Examining an aerial camera, left to right, are: Jack Williams, Bob Richards, Chief George B. Hoagland and George Stratton. Chief Hoagland, scoutmaster of the troop, is also a reservist attached to the air base. He conducted the scouts on the trip.

* * * * *

Arsenal Scout Troops Active During Past Twelve Months

Scouting activities have been quite prominent during the past year. Charlestown's Boy Scout Troop 557 has been closely allied to the Arsenal, both through its members and leaders. In August 1952, three Arsenal Girl Scout Troops were organized.

Scoutmaster of Troop 557 is George B. Hoagland, chief photographer at the Arsenal. Mr. Hoagland, who was assistant scoutmaster, took over the troop in January 1953 after Major C. M. Hathaway, the scoutmaster, was transferred overseas.

At the present time, the troop has 20 members from the Arsenal and Charlestown-Edinburg area. Senior Patrol Leader is Bob Richards, son of Arsenal employee Pete Richards.

The troop recently received a Good Camping Achievement certificate for their 1952 summer camp period at Camp Manatoc near Akron.

Troop 557, which has always been sponsored by the Charlestown-Edinburg PTA, meets each Wednesday at 7:30 p. m. in Bolton Barn. Membership is open to any boy between 11 and 18 years of age.

Many Arsenal employees have had close contact with the local scout troop. It is estimated that more than 150 employees, both past

and present, have been an active leader or member of Troop 557 during the past 35 years.

Troop committeemen at the present time are: Harry Williams, Rex Martin, Roy Magnuson, Ronald Haiflich, Pete Richards and Clayton McGee. Institutional representation from the Charlestown-Edinburg PTA is C. R. Branfield.

Former scoutmasters of Troop 557 since the start of the Arsenal in 1941 were: Earl Babington, Bill Harlan, Pete Richards, Carl Thomas, Ronald Haiflich, Bob Esworthy and Major C. M. Hathaway.

* * *

MRS. L. B. HUMPHREY and Mrs. G. R. Sanders, both Arsenal residents, were instrumental in the founding of the three Girl Scout troops — Brownies, Intermediates and Mariners.

Scout leader for the Brownies is Mrs. C. E. Branson, who was a Girl Guide in England. There are 21 Brownies. The Intermediates have 40 girls and the leaders are Mrs. Humphrey and Mrs. Sanders. There are 19 Mariners under the leadership of Mrs. Pearl Klotzel and Mrs. Humphrey.

A Christmas pageant staged by the three Girl Scout troops was the high point of their first year's activities.

The Intermediates have been working on Animal First Aid, Dairy and Good Grooming Badges. The Intermediates have also completed the Red Cross First Aid training course conducted by members of the Arsenal Fire Department.

The Mariners have been taking swimming lessons during the winter months at the Warren YWCA. They will help teach swimming to the other girls during their two-week summer camp in July.

Strike Out?

Babe Ruth was a Home Run Champion but he struck out more times than he hit home runs. Not every suggestion you turn in can be adopted. One out of every eight suggestions received in 1952 did go for a "home run".

If your suggestion didn't score, then be like the Babe, come back swinging after you "strike out" and knock one of your ideas over the fence for an award. You can't hit them if you don't swing!

2nd Anniversary Pictorial Review . . .

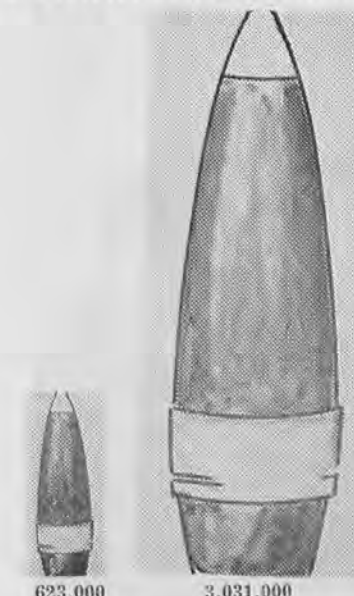


JACK RUSS, first Arsenal blood donor to qualify for the "One Gallon Club," receives his eighth blood donor pin from Red Cross Worker Mrs. Logan Case. Mr. Russ, who works in Department 65, Load Line One, gave his eighth pint of blood at Ravenna Arsenal during the Bloodmobile's ninth visit here on April 3. He is a resident of Ravenna and the first Portage County blood donor to give a gallon of blood.



LOOKING OVER a spent 90mm cartridge case shipped back from Korea is L. L. Iman, A. N. Line Superintendent, and Shirley Grodesky, clerk-typist. The Korean writing on the shell reads "Transportation Unit, Foxhole" and was translated by a South Korean student at Kent State University. The shell was found among the thousands of used shells being shipped into the Arsenal for renovation.

Second Year Shell Production Zooms



OVER THREE million new shells have been loaded by Ravenna Arsenal, Inc. during the past year. This was a tremendous increase over the 623,000 shells loaded in the first year of operation.

If all the automobiles in the world were placed end to end, approximately 98 per cent of the drivers would immediately pull out of line to pass the car ahead.



NEW LOAD LINE Office Buildings have been erected at the main gates of Load Lines One, Two and Three. Shown above is the Line Two Building. These new office buildings are centrally located and have been built next to the original gate houses, which makes them more accessible and time-saving for line visitors and employees. Entrance to the building is on the inside of the load line fence. The new set up also provides more efficient supervision of production since all load line administrative personnel are consolidated in one

building. It also saves transportation time in the delivery of inter-Arsenal mail.

The new buildings afford more office space for the line superintendent, personnel attendant, RAI and Ordnance Inspection, general office personnel, and RAI and Ordnance Safety. Space is also provided for a foremen's locker room, janitors closet and rest rooms. The line dispensary is still located in the gate house with the entrance on the outside of the fence.



CONSTRUCTION of a new Guard Force Headquarters is another phase of the Arsenal's expansion program. At the present time, part of the Guard Force Headquarters is located in Fire Station No. 1, to which the new building is being attached as a north wing. Entrance to the building will be from George Road. The new headquarters will have space for locker rooms for both guards and gunnery, weapons room, radio room, brick vault and a small auditorium for orientation of Guard Force personnel.



TOP MANAGEMENT of the Ravenna Arsenal, who attended RAI's Second Anniversary dinner-meeting are, left to right, front row: W. J. Fogarty, Industrial Relations Manager; H. M. Krengel, Production Manager; Col. C. K. Allen, Commanding Officer; J. E. Trainer, RAI President; Paul Borda, General Manager; Capt. W. L. Watts, Executive Officer; E. V. Crutcher, Comptroller; and A. H. Dessum, Stores Superintendent. Back row: L. E. Lynch, Transportation Manager; G. R. Carley, Manufacturing Superintendent of Load Lines One and Two; H. L. Sorensen, Assistant Production Manager; J. C. Duer, Engineering Manager; and R. C. Merrill, Manufacturing Superintendent of Line Three, A. P. and P. E. Lines.



FOR ESTABLISHING exceptional records of days worked without lost time accidents, Load Line Two and the Artillery Primer and Percussion Element Lines have been awarded the J. E. Trainer Certificate of Appreciation for outstanding achievements in accident prevention. Paul Borda, General Manager, presented the certificates to T. J. Gadeon, Line Two Superintendent; D. R. Lynds, P. E. Line Superintendent; and E. P. Babington, A. P. Line Superintendent during a recent ceremony in his office. Line Two worked 637 days without a lost time accident, the P. E. Line worked 468 days and the A. P. Line worked 364 days. This period was from May 4, 1951 to January 31, 1953.

2nd Anniversary Pictorial Review . . .



THE NATIONAL BLOOD PROGRAM has received 1,320 pints of blood contributed by Arsenal employees and residents to the Red Cross Bloodmobile. Employees, who have given five or more pints of blood during the Bloodmobile's nine Arsenal visits, are: Richard D. Viebranz, Jack R. Russ, LeRoy Nicholson, A. W. Braden, Ralph Pemberton, Eugene W. Crum, Martha J. Crosby, Sidney C. Casbourne and Thomas Fissell. There have also been many other repeat donors. The blood collected here is given to the Armed Forces, to the Cleveland Blood Bank for future personal use by employees and their families, or for national emergency, and the remaining blood is being converted into gamma globulin, the new serum for preventing paralysis in polio victims.



SUGGESTION AWARDS amounted to \$2,455, which gave Ravenna Arsenal, Inc. employees an additional income and provided the Ravenna Arsenal with numerous worth while, cost-reducing ideas. Highest award paid to date was \$400. Raymond C. McDaniels, the top award winner, is pictured on the right demonstrating his suggestion.



NEW CAFETERIA units have been installed on Load Lines One, Two and Three to provide better service in clean, wholesome atmospheres. Plastic dishes and stainless steel utensils add much to the enjoyment. New chairs and tables, each seating six people, have also been added. These modern cafeteria units have a stainless steel serving counter, steam table, and semi-automatic dish washer, restaurant size refrigerator and two five-gallon self-serving coffee urns. Cafeterias in other Arsenal work areas will also be re-designed and modernized.



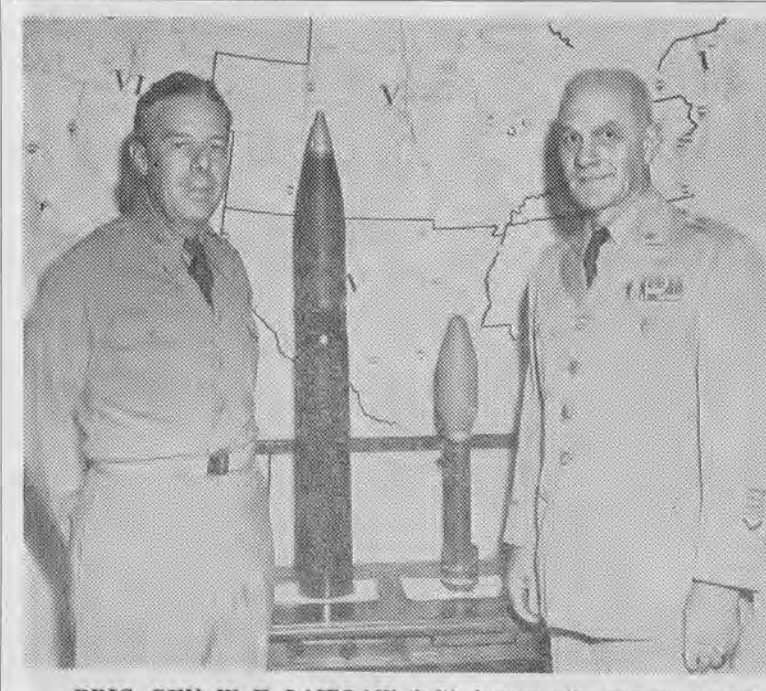
ARMED FORCES DAY was observed with a limited number of "stockholders" of Ravenna Arsenal, Inc. being invited to the Arsenal "open house". This was necessary because of security regulations. However, in this case, the "stockholders" were both taxpayers and representatives of neighboring communities, including public officials, heads of civic organizations and newspapermen. The group toured several work areas to see where part of their tax dollars were going.



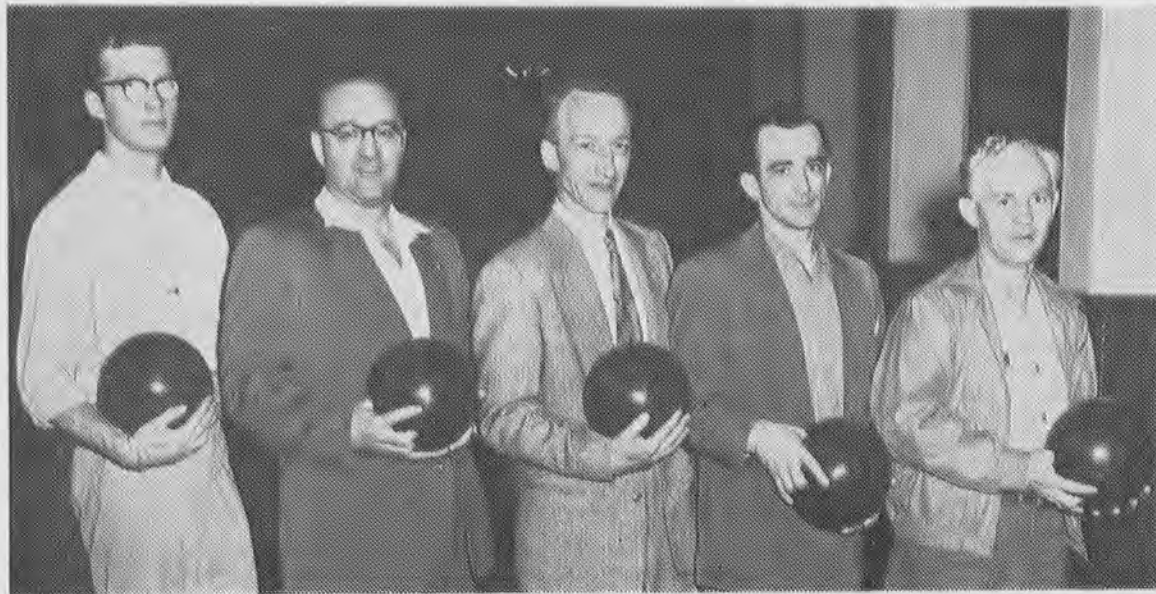
AT THE present rate of production it costs about \$30 million per year to operate the Ravenna Arsenal. Two-thirds of this amount, or \$20 million, goes into salaries and wages of Ravenna Arsenal, Inc. employees. Therefore, the surrounding communities benefit from the money because of the buying power of this annual \$20 million payroll. The remaining \$10 million is for general operating costs. A portion of this amount also goes into the surrounding communities since certain materials are purchased in this area.



A FIRST AID TRAINING program for all employees was started during the past year. So far, 44 Arsenalites have completed the standard Red Cross First Aid course. The need for first aid training has been recognized by industry, but it is more important to Arsenal employees due to the type of operations here. First aid training is also an integral part of our Civilian Defense Program.



BRIG. GEN. W. E. LAIDLAW (left), became the new commanding general of the Ordnance Ammunition Center in September, replacing Brig. Gen. Joel G. Holmes who retired. General Laidlaw directs the operations of 22 government-owned, contractor operated, ammunition plants, of which Ravenna Arsenal is a part. The new OAC Commander paid his first visit to this Arsenal the early part of March, 1953. General Laidlaw was formerly deputy commander of OAC and Commandant of the Ordnance School at Aberdeen Proving Grounds in Maryland.



ORDNANCE PERSONNEL, winners of the Wednesday Night Bowling League, are left to right: Dick Jones, Chuck Kebl, Howard Grohe, Frank Wachovec and Bud Chaplin. Not present was Dick Sands.



WINNERS of the Woman's Bowling League and the Men's Monday and Tuesday Night Leagues are pictured above. Band aids, front, left to right: Nancy Biondo, Mary Ann DeLay, Dorothy Thomas, Dorothy Greenawalt, Elizabeth Heritage, Ann Maimone and Dorothy Horning. Salvage keglers, second row: Ed Weyrich, Bill Warthen, Chuck Kebl, Charles Simera and T. T. Brown. Stores, back row: Joe Kebl, Al Dessum, Mel Jagnow, Carroll Ruben and Bob Pavlick.

Ordnance Keglers, Band aids Win Arsenal League Crowns

Ordnance Personnel rolled to victory in the Wednesday Night League after edging out the Electricians 3 to 1 in the last match of the Men's Bowling circuit. The Band aids capped the Women's bowling crown to wind up the 1952-53 Arsenal league bowling season.

Ordnance keggers racked up 72½ wins while losing 40 games. Electricians and Rejects finished in second and third place.

In the first five weeks of action, Ordnance and the Rejects battled back and forth for the number one spot. On October 29 the Engineers took the lead with the Truck Drivers and Electricians taking second and third place. During the next three weeks the Electricians held first place.

On December 3, Ordnance Personnel rolled into the number one spot, but were bounced back into fourth place the next week. During the next few weeks the Rejects, Electricians and Truck Drivers held the lead.

The Electricians pulled out in front on February 11, with Ordnance holding a close second, and on March 18, Ordnance tied the Electrician bowlers for first place. On April 8 Ordnance Personnel broke the tie and rolled into the lead which they held until the final playoff.

BANDAIDS, who held the league lead throughout the entire season, tallied 63 victories and dropped 21 games.

The Circlettes came up from the number four spot on April 2 to finish in second place and the Elements battled their way into third place after holding down the number five spot on April 9.

During the entire season, the Circlettes, Elements, Old Timers and Recordettes jockeyed back and forth for second and third place. Final standings for the Wednesday Night League and Women's League is as follows:

MEN'S WEDNESDAY LEAGUE		
Team	W	L
Ord Personnel	73	40 .643
Electricians	69	43 .616
Rejects	66	46 .580
Truck Drivers	63	49 .562

Umpires Needed For Softball Games

Umpires are needed to officiate at Arsenal softball games on Monday and Tuesday evenings at 5 p. m. Employees who are interested should contact Don Anderson, Recreation Office, on Extension 8194. Umpires will be paid for each game.

New Auditor



JOSEPH W. WHITE

New auditor in the Comptroller's Division is Joseph W. White, Jr. A native of Lake Charles, La., Mr. White was transferred from the Firestone Tire & Rubber Company plant at Lake Charles where he was a cost accountant. Mr. White started working for the company in March 1951, and is a graduate of Louisiana State University. He is a member of Lambda Chi, national social fraternity, and the National Association of Cost Accountants. This is his first trip north and he is presently living at the Arsenal.

Weddings

MYERS-FEW

Irene B. Few and Donald L. Myers, both of Ravenna, were united in marriage on April 18 at the First Christian Church in Ravenna by Rev. Leslie Bowers. Irene is the daughter of Mr. and Mrs. Fred Few and Don is the son of Mr. and Mrs. George Myers. The newlyweds spent their honeymoon at Daytona Beach, Fla. and have taken up housekeeping in Ravenna. The new Mrs. Myers is a clerk-typist in the Investigation Department, Personnel Building. Mr. Myers is self-employed. Mary Padovane, Services Department, was maid of honor.

5 Golf Leagues Open Season, Softball Starts May 18, 19

Five Arsenal golf leagues opened the 1953 season on May 6, 7 and 14, and a Thursday morning league at Meadowview Golf Course is being organized. The two softball leagues will go into action on May 18 and 19.

Golfers interested in joining any of the leagues are asked to contact the Recreation office on Extension 8194.

The Pine Tree and Par Busters' Leagues play each Wednesday night at Meadowview. Pine Tree teams are: ONE—Bob Wilson and M. K. Skipper; TWO—Harry Sorensen and G. R. Sanders; THREE—Jack Streeter and Roy Widger; FOUR—Pat Coglia and John Mroczak; FIVE—Art Kurtz and Angelo Prezioso; SIX—Ed Weyrich and Howard Grohe.

Par Busters' teams are: ONE—Jack Ruble and Mike Garro; TWO—Jay "Bud" Lemon and Ray Trocchio; THREE—Bob Merrill and Carroll Ruben; FOUR—Dick Spencer and Glenn Taylor; FIVE—C. K. Allen and Charlie Kebl; SIX—Pete Lynds and Ed Takely.

COMPTROLLER'S League will battle over the Chestnut Hills Golf Course each Thursday evening. Teams are: ONE—Bob Merrill and Ray Williams; TWO—Ralph Lewis and Dick Elliott; THREE—Merle Wilkinson and Don Stearns; FOUR—Nick Tambures and Tom Hendricks; FIVE—Ted Foss and G. T. Fox; SIX—George Gleason and Bill Helmkamp; SEVEN—Ralph Bentz and Ed Crutcher; EIGHT—Dom Giovannazzo and Gordon Seaholts.

The National Softball League will open their season on May 18. So far the following teams have signed up: P. E. Line, Load Line

Unclaimed Articles Gathering Dust

Several hundred prohibited articles, such as knives, cameras, flame producing devices and small arms cartridges, are gathering dust in the Guard Force Headquarters.

If they are not claimed by their owners, action will be taken to dispose of the articles. These illegal items have been confiscated by the Guard Force from employees entering the Arsenal.

Many articles have been unclaimed for several months. Persons concerned are asked to call for their personal items at the Guard Headquarters in Fire Station No. 1.

Engagements

SANDROCK - THOMAS

The forthcoming marriage of two Arsenal employees has been announced by Mr. and Mrs. Calvin Sandrock, Newton Falls, parents of the bride-to-be.

A clerk in Industrial Services Stock Control, Miss Doris Sandrock will be married to John W. Thomas on June 13 at the Wayland Federated Church, Wayland, O. Open church will be observed.

Mr. Thomas, the son of Mrs. Jeannette Thomas of Ravenna, works in Department 190, Depot. He graduated from Paris Township High School in 1950 and is now attending Kent State University. Miss Sandrock is a 1951 graduate of Southeast High School.

Summer Bowling

During the summer months the Arsenal Bowling Alley will be open Friday evenings for open bowling.

Employee groups interested in holding bowling parties during the summer are asked to contact the Recreation Department on Extension 8194.

One, Materials Inspection, Arsenalites, George Road Shops, Checkers and Bolton Barn.

May 19 is the starting date for the American Softball League. The teams include: Pleasant Valley, Gear Grinders, Financial Accounting, Roads and Grounds, Salvage, Postites, Receiving and Group Six.



CONGRATULATIONS to Mr. and Mrs. Tom Matteson on the birth of a daughter. She was named Terrie Lynn. Mr. Matteson is a carpenter at the George Road Shops.

CONGRATULATIONS to Mr. and Mrs. Donald E. Richards, Ravenna, on the birth of their first child, Sharon Leigh. Mrs. (Mae) Richards is on leave of absence from the Employment Department.

CONGRATULATIONS to Mr. and Mrs. John Bratnick of Parkman, O. on the birth of a son, John David, on April 24. Mr. Bratnick is a sign painter at George Road Paint Shop.

A GIRL, Rande Ellyn, to Mr. and Mrs. Robert Derr of Kent, on April 24. Mr. Derr works in Department 190, Depot.

CONGRATULATIONS to Mr. and Mrs. Marvin Gordon of Newton Falls, on the birth of a girl, Linda Rae, on April 19. Mr. Gordon works for Roads and Grounds.

A BOY, Richard Francis, to Mr. and Mrs. Frank Wanecek of Warren, on April 29. He is their first child. Mr. Wanecek works in Department 190, Depot.

The victory of success is half won when one gains the habit of work.

—Sarah A. Bolton.

POSTMASTER: If undelivered at the address shown, send notice of change of address to the Arsenal, 367 Division St., Youngstown, Ohio.

R. E. SALERNO
367 DIVISION ST.
YOUNGSTOWN, OHIO

Sec. 36.66, P. L. & R.
U.S. POSTAGE
1/2c Paid
Permit No. 1
Apo, Ohio



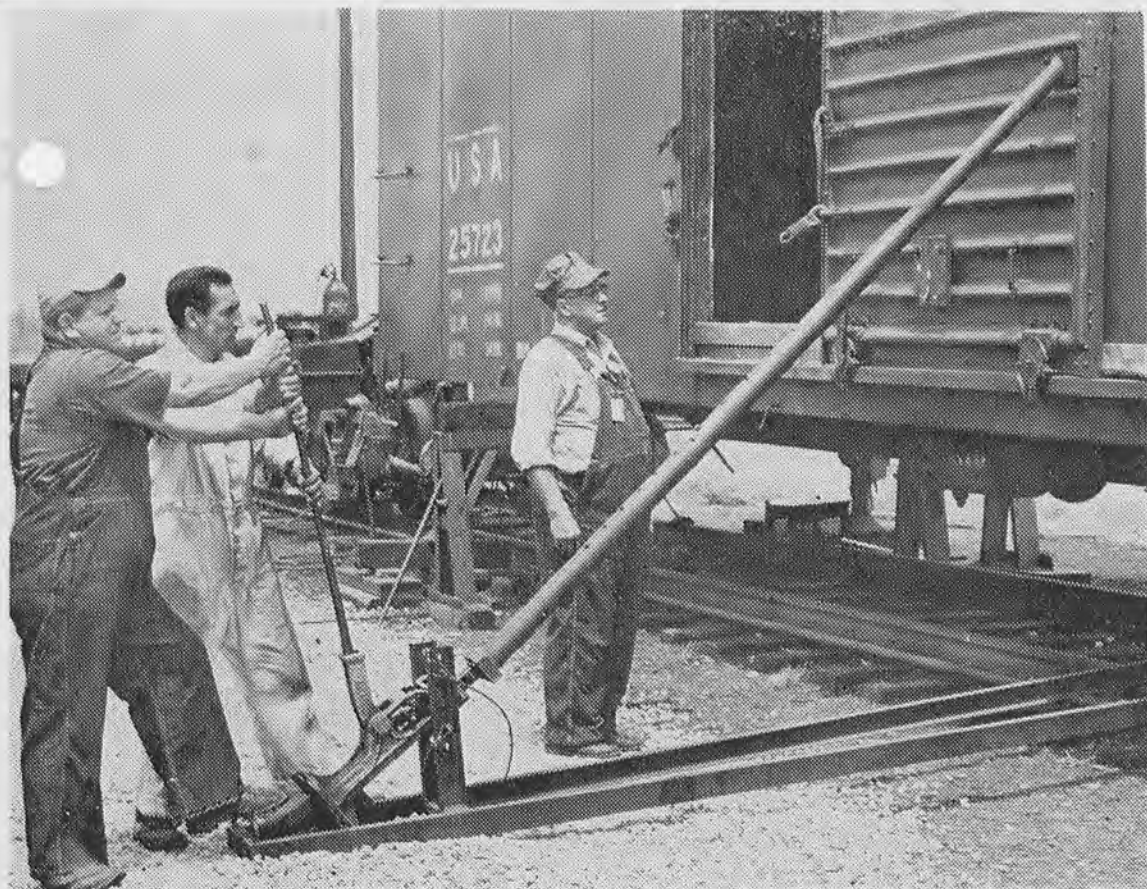
Vol. 2, No. 8

RAVENNA ARSENAL, INC., APCO, OHIO

May 15, 1953

RAVENNA ARSENAL NEWS

Safety's Smart --
Do Your Part!



SUGGESTION award winner J. C. Shanks, left, and John Urban, his helper, use Mr. Shanks' "jig" to straighten a buckled, steel door on an Arsenal freight car. Watching the operation is Homer Zimmerman, foreman in the Railroad Shop Maintenance Department.

21 Workers Win \$480 For Ideas

J. C. Shanks Receives \$200 Award

A total of \$480 has been awarded to 21 employees by the Ravenna Arsenal Suggestion Board. Top award of \$200 went to John C. Shanks of Newton Falls, who works in the Railroad Shop Maintenance Department.

Mr. Shanks' winning idea was a jig with a V-shaped base of I-beams, with hooks on one end to clamp over the track rail as a brace, and with a heavy duty jack mounted on the other end to apply pressure to the point of damage.

Thus, the steel doors on Arsenal freight cars can be straightened without removing them. Buckled sides of box cars also can be straightened without application of heat.

Second highest award of \$80 was presented to Victor S. Grudsky for suggesting a cinch spreading attachment for coal trucks. Mr. Grudsky lives in New Milford and works in Roads and Grounds Equipment Repair Department.

\$15 suggestion awards were won by Robert V. Fredericks, Newton Falls, George Road Shops, and Wallace A. Douglas, Windham, A. P. Line.

The remaining \$10 awards were received by: Alice L. Benshoff, Brady Lake, Office Manager's De-

Bolton Barn, Main Cafeteria Selling New Box Lunches

Prepared box lunches are now available at the Bolton Barn and Main Cafeterias and can be purchased before the start of each shift, Nationwide Food Service announced.

This new lunch service is in keeping with the policy of providing the best food service at the lowest cost to Arsenal employees.

The lunch contains two sandwiches, desert and fruit. The items are carefully wrapped to insure freshness and are put in the box for convenient handling. Food is varied to assure a balanced, tasty lunch.

This service is also available to employees who prefer to use their own lunch boxes. The cafeteria will clean the personal lunch boxes at the end of each shift and they will be packed with the same food that goes into the paper box lunch.

Thermos bottles will also be serviced (washed and cleaned) with either type of lunch and filled with coffee, tea or milk when the employee picks up his lunch. The thermos bottle service is also available to employees who carry their lunch.

Employees' Military Addresses Wanted

Many employees now serving in the Armed Forces are not receiving the Arsenal NEWS and other correspondence because the Company does not have their present addresses.

Relatives and friends are asked to send the military addresses of these employees to the Industrial Services Department, Personnel Building.

Employee Payroll Savings Up To 72%

Employee participation in the Arsenal Payroll Savings Plan has doubled since the U. S. Savings Bond Drive started on April 20.

Over 72 per cent of the Arsenal's employees are now buying the new, improved "E" Bonds through Payroll Savings. Prior to the drive Ravenna Arsenal had only 36 per cent participation.

Returns are still pouring in and the Arsenal goal of 100 per cent participation is expected to be reached within a few weeks.

These patriotic Arsenal employees are backing up our country's defense program both with their money and shell production. Their payroll savings will also insure them of a happy and easy life when they retire.

The Arsenal Bond Drive received a boost when Frank Soper, a stationary boiler fireman in the Space Heating Department, purchased a \$1,000 U. S. Savings Bond. Last October he bought a \$500 bond here.

Mr. Soper also signed up for Payroll Savings. He said his money wasn't drawing any interest and believes "E" Bonds are the best way to save for his old age retirement.

He worked here during World War II for the Atlas Powder Company as a railroader. In July 1951, Mr. Soper returned to the Arsenal and the railroad. Later he transferred to Space Heating.

Another bond drive boost was received from Arsenal employees.

This was announced by C. R. Branfield, representing the Arsenal, at a meeting of the Ravenna Community Chest board of directors on May 7. Mr. Branfield, Ordnance Inspection Chief, is also a Chest director.

Paul Borda, RAI General Manager, and Col. C. K. Allen, Commanding Officer, both stated they are heartily in favor of a single, united drive.

A 12-member committee is now making an exhaustive study of the possibilities of organizing a county-wide United Fund. The Chest directors will hold a special meeting in June to hear results of the committee's UP study.

There's no investment safer and surer than U. S. Defense Bonds!



FRANK SOPER, left, gave the Arsenal Bond Drive a boost when he purchased a \$1,000 U. S. Savings Bond. Mr. Soper is giving his \$750 check to Jack Shearer, Space Heating foreman.

80 Per Cent More Than Invested

For the fellow whose pay goes for living expenses and who finds it impossible to save sums large enough for gilt-edge securities, it would be wise that he invest his small savings in U. S. Savings Bonds. The gilt-edge guarantee of profit which they carry is that of the United States Government.

The few dollars a week deducted from your paycheck to save for U. S. Savings Bonds is the only paycheck deduction that you can get back in full within a few months, should you need it, plus interest.

If you hold these bonds to maturity, that is, nine years and eight months, you get three per cent interest. And if held to their legal limit of 19 years and eight months, you will receive 80 per cent more than you invested.

Ravenna Arsenal, Inc. has a Payroll Savings Plan for the easy, automatic purchase of U. S. Savings Bonds. If you are not now subscribing to it, get an application blank from your supervisor or foreman and fill it out today! You won't regret it. Payroll Savings are sure savings.

These "EYES" Had It!



"OUCH! This molten TNT will spoil my TV vision; and my goggles are hanging around my neck!"



"OOPS. This banding wire is going to hit me in the eye; and my goggles are on the wall!"



"MY OH MY! These steel shavings are worse than flies. I'd better pull down my safety glasses."



"WOW! This acid burns my eyes; and my safety shield is on top of my head."

THE ABOVE "eye accidents" happened to Arsenal employees because they did NOT wear their eye protection equipment. Are YOU wearing your safety glasses, goggles or shield?

Ravenna Arsenal NEWS

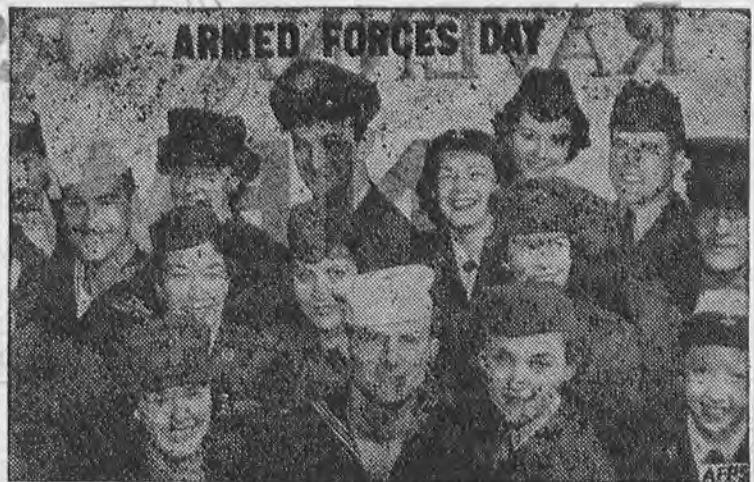
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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Jack Taylor, Susan Jones, Nellie Kenris, Betty Maurer, Thelma Higgins, Fred Benbow, Willis Sands, Sawyer Kimes, Marian Chapla, Lillian Bosko, Gerald Stamm, Millie Miscevic, Kathy Sarocco, Edythe M. Cooley, Flo Liskay, John Kalwarczyk, June Hummer, Suzette Ledgerwood, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffat, Lillian French, Margaret Taylor.



"POWER FOR PEACE"—The theme for this year's Armed Forces Day is a fitting tribute to the buildup and reorganization undergone since the first observance in 1949. Ravenna Arsenal is a partner in this Power For Peace, both through its employees who are producing the ammunition and serving in our Armed Forces for the defense of our country. More than 300 Arsenal employees are serving in the Army, Navy, Marine Corps and Air Force.

Power For Peace means our own military power and helping other free nations build up their military strength so that together we shall be stronger than the forces that seek to destroy us. We swing a heavier punch than the Communists where it counts—in know-how, productive capacity, equipment, teamwork and the ideals men live by.

The principles we defend are that we believe in democracy—the dignity and worth of the individual and government for and by the people; that other nations have a right to establish the kind of government they want; and that mutual security is needed among free nations.

Arsenalites In The Armed Forces

New military addresses were received from Airman 3rd Class Edward J. Ruben, 15476176, 58th Fgtr Bomber Gp., 69th Sqdn., APO 970 c/o Postmaster, San Francisco, Calif., and AB Larry R. Scott, AF15804574, FLT 2516, SQDN 3659 SAMSON AFB, Geneva, N. Y.

Other Arsenalites recently entering the Armed Forces are: Robert W. Conaway, Alliance, Department 70, James L. Johnson, Kent, Department 195; James R. Wyckoff, Salem, Department 62; Joseph A. Chermansky, Ravenna, Department 75; Lonnie C. Jeffries, Akron, Department 76; James L. Queen, Windham, Department 6; James A. Sales, Akron, Department 33.

Also Tracy B. Byrd, Freedom Station, Department 03; Ronald L. Canfield, Kent, Department 66; Bernard J. Chmielewski, Newton Falls, Department 01; Walter R. Hardin, Jr., Akron, Department 76; Joseph W. McKee, Ravenna, Department 194; Darrell G. Woods,

Akron, Department 192; Zane D. Jackson, Akron, Department 66; John H. Taylor, Newton Falls, Department 66; Marvin J. Turner, Niles, Department 76.

Also Early Dixon, Jr., Youngstown, Department 64; Wilson Boykin, Kent, Department 195; John Mackay, Jr., Windham, Department 194; David G. Columbus, Kent, Department 194.

Monday Morning Quarterbacks

Americans are generally the best "arm-chair strategists" and "Monday morning quarterbacks" in the world. All of us like to think we can run the team differently and make good ideas out of our "bull session" stage and put it to work by way of a suggestion. The RAI Suggestion Board pays cash for usable ideas.

Former Korean Artillery Observer



KOREAN WAR VETERAN Melvin L. England is still aiding the movement of artillery shells. Mr. England, a lift truck operator in Department 3, is shown above unloading pallets of 155mm shells in Building 810. In Korea, he was a forward observer for his regiment's artillery and helped to direct the 105mm howitzers as they blasted the Communist troops. A three-year Army veteran, Mr. England was stationed in Hawaii with the 5th Regimental Combat Team at the outbreak of war in Korea. The 5th RCT landed in Korea on July 30, 1950 and Mr. England served with this outfit for one year before being rotated back to the United States for discharge. An Arsenal employee since December 1952, Mr. England is a native of Junior, W. Va., but is now living in Warren, O.

Meet Your Reporters

Covering the Depot Lumber Supply Shops at U-14 for the Arsenal NEWS is Lillian French, an Arsenal resident. She was born in Mansfield, O., and graduated from high school and business college there. Lillian has two children and one grandchild.

She started working here for Ordnance in January, 1951 and transferred to Ravenna Arsenal, Inc. in March, 1952.

Lillian's main hobby is her grandson but she also enjoys crocheting. She also belongs to the Rebekah Lodge and the Eastern Star Lodge. Her husband, David, works in the Installation Department, George Road Shops.

Reporter for the Engineering Department is Jean Miller, a native of Ravenna but now residing in Hudson.

She graduated from Ravenna High School in 1947, attended Miami University, Oxford, O., for two years and graduated from Boecklers Business College in 1950.

During high school she reported for "Hi-Times" and also worked on the year book.

Jean started working for Ordnance here in September, 1950 and transferred to Ravenna Arsenal, Inc. in February, 1952 as a stenographer. She belongs to Zeta Mu Chapter of Alpha Iota, International Honorary Business Sorority.

For recreation Jean enjoys sports but her main hobby is keeping house for her husband, Dean, who works in Department 9, Transportation.

In Memoriam

MARTIN E. PITTS

Martin E. Pitts, 34, a Roads and Grounds employee since February, 1952, was buried on May 7 at Clarksburg, W. Va. Mr. Pitts suffered a heart attack while getting ready for work on May 4. He was pronounced dead on arrival at Robinson Memorial Hospital, Ravenna, shortly after.

A native of Wolf Summit, W. Va., he had lived in Paris for the past three years. He is survived by his wife, two daughters, his parents, two brothers and three sisters.

Security Protects Your Home, Job - It's Your Business

The dictionary defines Security as a condition or quality of being secure, or, having a confidence of power or safety. The Constitution of these United States assures us the security of our homes and person, therefore, it can be said, that Security is everybody's business. In order to perform our duty and be security conscious the following Ten Commandments are important.

1. Do not talk classified information over the telephone. You never know who is listening.

2. Do not talk where you can be overheard by unauthorized persons. Even the walls have ears.

Safeguard all classified information when not in use. Store the information in locked combination files and safes.

4. Memorize your safe combination. It is not safe hidden anywhere, not even in your wallet.

5. Make every person qualify for the official need to know and insure that he or she is cleared to the degree necessary.

6. Think, be alert, eyes and ears open, mouth shut. The last item is the hardest.

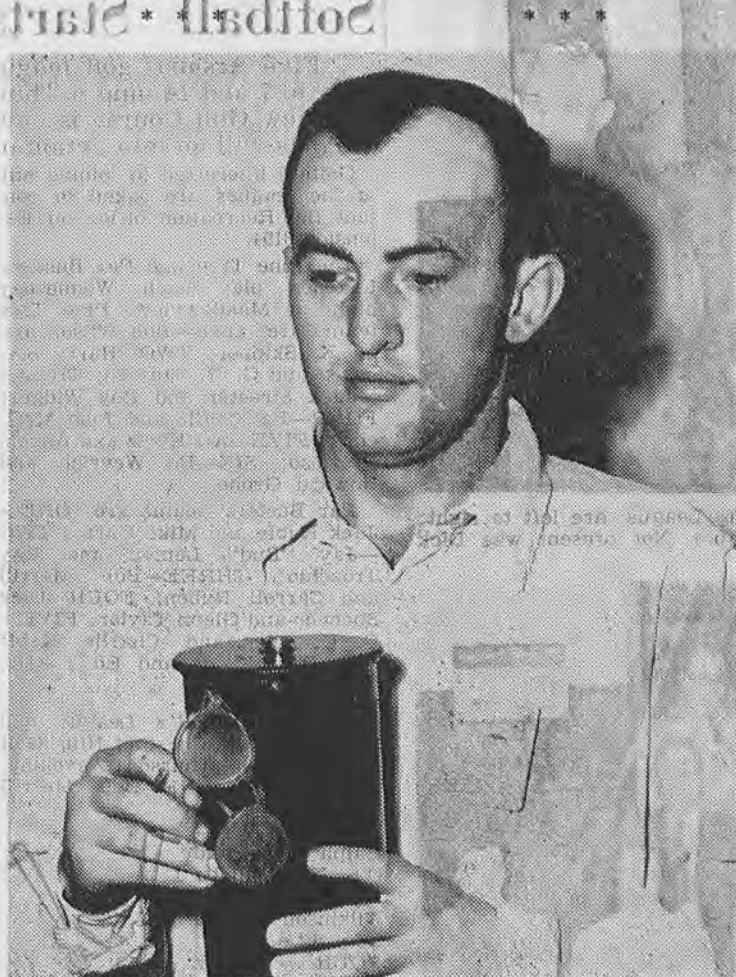
7. When in doubt—don't talk.

9. Be sure all classified information is recorded so that inventory will be quick, certain and correct.

10. Army Regulation 380-5 is the bible, follow it to the letter.

The original Ten Commandments were given to man to instill a yearning for a good moral life. The Ten Commandments on Security are given to instill the necessity of being security conscious at all times. Plant Security is YOUR security.

Two Employees Eligible For Wise Owl Club Membership



HOLDING his safety glasses, seared and blackened by the exploding primer, is Adam Kainrad.

Two more Arsenal employees have become eligible for membership in the Wise Owl Club, an exclusive organization for employees who protect their eyes from serious damage by wearing safety eye protection equipment. They are Adam Kainrad from R. D. 1, Diamond, and O. M. Belknap from R. D. 1, Ravenna.

Mr. Kainrad, who works on Load Line One, had a primer in a 90mm cartridge case explode in his face. But lucky for him that he was wearing his safety glasses. He received only slight powder burns and his eyes were saved.

Hot, molten TNT splashed out of a 155mm projectile and sprayed Mr. Belknap from head to toes. His safety glasses stopped the molten TNT from damaging his eyes.

Both employees said they were very thankful their safety glasses protected their eyes, and that they would never be without safety glasses.



O. M. BELKNAP and his TNT splattered safety glasses are shown above.

News In Brief

Roads and Grounds

New employees in Department 58, Roads and Grounds, are Daniel Lovett, Windham; Robert Lyons, Windham; Berna Marsh, Ravenna; and Freddie Tawney, New Milford.

Depot Area

S. G. Griffin, munitions handler, spent a week's vacation in St. Louis, Mo. The Bolton Barn Tool-Crib moved to its new location in Building IW-1 on April 30.

A. N. Line

Mr. and Mrs. John Matthews of Windham spent their week's vacation traveling through the southern states. Grover "Buck" Mosley is also enjoying a week's vacation down South basking in the Florida sunshine. Sara Brown received the congratulations of her co-workers and a wedding gift prior to her marriage on May 10 and will sail for Petersburg, Fla. A big welcome to the Pipe Shop is extended to Robert Collins, Newton Falls; and Bruce Slack, New Milford.

Fire-Guard Departments

The firefighters extend a "welcome" to three new members: Alva C. Collins and Steve J. Sari, Jr., both of Ravenna, and John J. Meyer from Lake Milton. D. M. Sheen, who was promoted to Guard Sergeant last month, is a resident of Hanoverton, O. and a member of the Guard Force since April 1951.

Production Offices

James "Jim" Russ, who formerly worked in the Production Manager's office, has transferred to Purchasing as an expediter. Michael Minnick, Department 190, and his wife attended the annual Motorists Mutual Insurance Company Agents' convention on May 7 and 2 at the Netherlands Plaza Hotel, Cincinnati. Susan Jones, who is now secretary to H. L. Sorensen, Assistant Production Manager, was formerly in the Office Manager's Office. Field Service Stock Control recently enjoyed delicious birthday cakes on two successive days. Katie Riccardi and Ruth Jonason treated the girls on their anniversaries—April 29 and 30. The Production Planning employees and their husbands had a pleasant time at the home of Mr. and Mrs. T. R. McEwen May 8. The evening was spent visiting and roasting wieners. Mr. and Mrs. E. C. Weyrich attended the Elks National Bowling tournament in Chicago the weekend of May 1. Arsenalites Mr. and Mrs. Charles Kehl were in the same party.

Ordnance Staff

Frank V. Murphy, Area Two Ammunition Inspector, from Blue Grass Ordnance Depot, Richmond, Ky., visited the Arsenal from April 22 to 29 to inspect ammunition activities. Mr. Murphy was Ammunition Inspection Chief at Ravenna Arsenal from 1945 to 1947. Ralph Lewis, Fiscal, recently spent two weeks at the University of Toledo attending an Ordnance Comptroller's Appropriation Accounting course. Mr. and Mrs. Frank Squire, he of Inspection and she of Commanding Officer's office, celebrated their First Wedding anniversary on May 3 by motoring to Chicago. Roland DeUnger, Management office, attended the Procedures Analysis course at Rock Island Arsenal the first two weeks of May. Back at his regular duty station is Simpson Proctor of Personnel, following a visit to Ordnance Ammunition Center on May 8. Chloe Yaw and Irene Prokop, Inspection, spent a recent weekend in St. Catharines' Canada and Niagara Falls.

Railroad Shop Maintenance

To celebrate winning an Arsenal suggestion award, John Shanks gave a spaghetti supper at the Main Cafeteria, followed by a party at the Recreation Building, for his co-workers on May 7. Those who attended said they had an enjoyable evening.

Load Line Three

Wedding bells rang in Anna Swartz's family last month when her daughter, Norma, became the bride of Jay Lynn Toth in St. Peter's and Paul's Church in Warren. Anna works in Department 86. Verne Vandenboom, line maintenance, spent his week's vacation working at home.

P. E. & J. Division

Edward F. Bradish, materials inspector, returned to work April 16 after recovering from a heart attack. Benson Higgins has returned to work after being off for several weeks due to an auto accident. Four new department inspectors are: Paul V. Amodio, who transferred from Production; Donald E. Harmon from Kent; Theodore E. Lashley from Ravenna; and Granville M. Brady from New Milford. New specification engineer is Charles C. Rocko, who transferred from Payroll.

George Road Shops

After a two-weeks absence, Mike Wracher is back to work at the Machine Shop at George Road. Mike recently underwent an ankle operation. Welcome to the Carpenter Shop—Sterling Hinderling, Deerfield; George Stork, Ravenna; Everett Hoover, Kent; David Veits, Cincinnati; Lawrence Mike, Ravenna; Elbert Tomlinson, Diamond; Glen Duffield, Mantua; Joe Frelac, Newton Falls; and Earl Noll, Akron. George Loomis, Pipe Shop, vacationed with his family at St. Petersburg, Fla. A big welcome to the Pipe Shop is extended to Robert Collins, Newton Falls; and Bruce Slack, New Milford.

Nationwide Food Service

Cafeteria employees surprised Beverly McBride with a bridal shower on April 23. She received several nice gifts and money. A luncheon was also served. Helen Sands, P. E. Line Cafeteria, is back after recuperating from a hand injury suffered at home. Guard Lieut. Archie Graham and Mrs. Mildred Graham, Main Cafeteria, were happily surprised by a visit from their son and daughter-in-law from Idaho. They had not seen them for two years. We extend our sympathy to Margaret Taylor, Main Cafeteria, on the death of her grandfather. Also to Virginia Snowden, Line One Cafeteria, on the death of her mother-in-law.

Stores Stock Control

Margaret Dickey spent the weekend of April 25 in Kalamazoo, Mich. Pat DeGirolamo went to Camp Perry, Port Clinton, O. the weekend of May 2nd on maneuvers with Battery C (Alliance), of the 177 AAA 90mm Gun Battalion. William Goff is spending his vacation moving his furniture and getting settled in his new home at White Gates Farm near Medina, O. Alice Gerber is going to spend her week's vacation at home just taking it easy. Mrs. Lillian Bowman spent the weekend of May 2 in Emlenton, Pa. visiting her sister who has been ill.

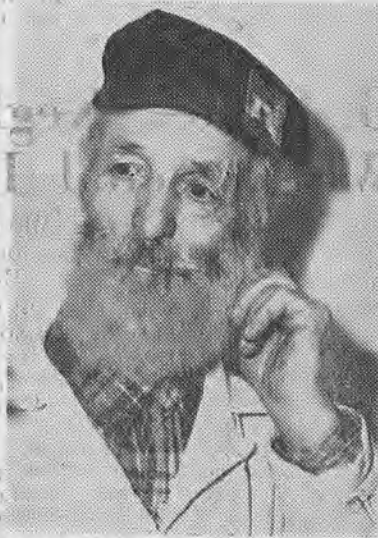
Comptroller's Division

Efficiency plus is the word for the RAI mailroom with its new mail opening machine. Service, as good as it is now, should be better than ever. Carol Kenney from Payroll and her sister Estelle, Employment, will be Florida sun-kissed girls after their vacation. Home is where the fish are, hopes Ralph Bentz of Payroll. He plans to spend his vacation at home and on the lakes near Akron. Hilda Driggers, Financial Accounting, who had been absent for two weeks due to the illness of her father, became ill and is now on leave of absence. Her co-workers extend "get-well wishes." Charles "Chuck" Rocko, has left the tabulating room for a job in Specifications.

Personnel Building

Jim Stanton has returned after vacationing in Florida with his wife. On the way back they visited their daughter, Jean Stanton Duffy in New York. At one time, Jean was a junior accountant at Ravenna Arsenal. Suzi Clark visited relatives during an extended weekend trip to Cincinnati and Lima, O. The Personnel May Dance and Party at the Recreation Building on May 9 was enjoyed by all.

"Spring Clipping"



"IT HAPPENS every spring," says Lewis A. Stewart, Department 84, Load Line Three, as he contemplates shaving his beard grown during the past winter. This is the third year that he has grown a beard in order to keep as warm as possible during the winter months. Mr. Stewart clipped his beard the latter part of April.

Frequently referred to as "Gaby Hayes", he possesses a cheerful disposition and is well liked by his fellow workers. Mr. Stewart worked for the Atlas Powder Company here during World War II and began his current Arsenal service in September 1950. He has been a Ravenna resident for 40 years.

Sports Quiz Answers

1. Stan Musial with 2,023 safeties.
2. A rest in table tennis is the period during which the ball is in play. A rest, the result of which is scored, is termed a "point". A rest, the result of which is not scored, is termed a "let".
3. Larry Doby (Cleveland) with 32 round trippers.
4. False. The great and durable Finn was never able to negotiate the mile distance in 4:10, his best time being 4:10.4. Jules Ladoumègue of France was the first to officially better 4:10. He set a mark of 4:09.2 in 1931.
5. Harry Brecheen, now with the St. Louis Browns, defeated the Boston Red Sox three times in the 1946 World Series.



DON ANDERSON, Recreation Supervisor, presents a bowling trophy to Mary Ann DeLay, captain of the Bandalls, at the Spring Sports banquet. Other team members, who won the Woman's league crown, are, left to right: Nancy Biondo, Ann Maimone, Dorothy Horning, Elizabeth Heritage, Dorothy Greenawalt.

Arsenal Bowlers Feted At Sports Recognition Banquet

First, second and third place team winners of the Arsenal Men's and Woman's Bowling leagues and winners of the first annual Handicap tournament for Arsenal league bowlers were honored at the Spring Sports Recognition banquet on May 22. About 140 persons attended the dinner held in the Main Cafeteria.

A special plaque from the American Bowling Congress was presented to John Talkowski, Time Study, for being the Arsenal bowler who made the greatest increase in his bowling average. Mr. Talkowski bowled with the Industrialists in the Tuesday Night league.

Seated at the speakers table were Capt. W. L. Watts, Executive Officer; Lt. Col. T. H. Bradley, recently assigned here; Paul Borda, General Manager; W. J. Fogarty, Industrial Relations Manager; and D. R. Anderson, Recreation Supervisor.

In speaking at the bowling banquet, Mr. Borda said it gave him much pleasure to see such a fine group of employees who showed so much enthusiasm and cooperation in the Arsenal recreation program. He also congratulated the Recreation department for the fine job it has done. He added, "The Company will do its utmost to provide recreation as long as our employees show an interest in the program."

JACKETS were presented to the first place winners in the Men's league. They were Ordinance Personnel, Salvage, and Stores. The Bandalls, winners of the Woman's

Depot U-7 Wins Team Event In Bowling Tourney

Carl Bungard Takes Top Honors In Both Doubles

Depot U-7 copped the team event in the first annual Handicap tournament for Arsenal league bowlers with a score of 3,077 pins. The Stand-Ins racked up 3,074 pins to take second place.

Jolly Rogers took third with a score of 3,069 and the Arsenalites were fourth with 3,054 pins.

In the mixed doubles event Suzi Miller and Carl Bungard won top honors with 1,311 pins. The other mixed doubles winners were Marie Wilson, Don Mullen — 1,289; Pete Lynds, Peggy Lynds — 1,251; Marie Wilson, Carl Bungard — 1,250; Penny Kebl, Robert Pavlick — 1,243; Estelle Pavlick, Willis Sands — 1,233; E. Pavlick, Charlie Kebl — 1,230.

Carl Bungard also took the number one spot in the men's doubles event. His partner was John Foos and their score was 1,354. Other men's doubles winners were Bob Russell, Ralph Drugan — 1,301; Bob Wilson, Paul Bogner — 1,290; Gene LeMasters, Ralph Drugan — 1,279; Mel Jagnow, Tom Brown — 1,270; Paul Bogner, M. K. Skipper — 1,260; C. Kebl, William Warthen — 1,271; Bob Hilker, Jack Shearer — 1,244.

Morning Golf For Afternoon Shift

Afternoon shift employees, who are interested in joining the Thursday Morning golf league, are asked to contact Don Anderson or Don Mullen in the Recreation office located in the Recreation building, or by calling Extension 8194. The league plays the Meadowview Golf course each Thursday at 10 a.m.

Golf League Standings

In the Arsenal Golf circuit, Team SIX is leading the Par Buster's league, Team FIVE is leading the Pine Tree league, and Team SEVEN is leading the Comptroller's league. Standings as of June 1 are as follows:

PAR BUSTERS				
Team	W	L	Pct.	
Six	24	0	1.000	
One	14½	9½	.604	
Four	12½	5½	.694	
Two	7	17	.291	
Five	1	11	.083	
Three	1	17	.055	

PINE TREE				
Team	W	L	Pct.	
Five	19½	4½	.812	
Three	11	7	.611	
Four	11	7	.611	
Two	11½	12½	.458	
One	6½	17½	.270	
Six	6½	17½	.270	

COMPTROLLER'S				
Team	W	L	Pct.	
Seven	16	8	.667	
Six	15	8½	.645	
One	15	9	.625	
Five	14	10	.583	
Four	13	11	.541	
Three	13	11	.541	
Two	5½	18½	.229	
Eight	4	20	.166	

Tips For Fishermen

by Harlan Major

1. In spite of the constant battle for survival, fish have been on this earth longer than men. Don't underrate them.

2. Learn streamcraft and simple fishing, step by step, before complicating your sport with intricate equipment. Mastery of fundamentals and appreciation of nature's offerings produce greater satisfaction than a lot of dead fish.

3. Fish play, love, fight—get hungry, indisposed and temperamental. Attention to these moods puts fish on the hook.

4. Don't fall in love with a pet lure. It is good only when it produces results, and when it ceases to catch fish, discard it for another.

5. After a fish is hooked, use your tackle—not your strength. Use of tackle is to the best advantage because, pound for pound, a fish can outpull a man.

6. Make a strike by getting your hook into Payroll Savings and get a regular catch each month on U. S. Defense Bonds!

HARLAN MAJOR, leading authority on fishing says: "Get your hook into Arsenal Payroll Savings and catch regular security with U. S. Defense Bonds!"



SUZI MILLER and Carl Bungard, winners of the mixed doubles event in the first annual Arsenal Handicap tournament, receive their prize money from Don Mullen, of the Recreation department, at the Spring Sports banquet.



A BOY to Mr. and Mrs. Pat Revizzo of Niles on April 12. Mr. Revizzo works in the Cost Accounting department.

CONGRATULATIONS to Mr. and Mrs. Wallace Douglas on the birth of a son, Juan Adair, on May 16. Mr. Douglas works on the A. P. Line.

Sports Quiz

(By Armed Forces Press Service)

1. Who holds the Major League record for the most base hits?
2. American athletes won more than half of the track and field events in the 1952 Olympics. (True-False)?
3. When was Aloysius Szymanski the American League batting champ?
4. What track performer was credited with six of 22 world records approved last year?
5. Joe McCarthy made nine World Series appearances as a manager. How many did he win?

(Answers on Page 3)



Safety's Smart —
Do Your Part

Vol. 2, No. 9

RAVENNA ARSENAL, INC., APCO, OHIO

June 3, 1953

150th Anniversary . . .

Work and Progress is Ohio's History

"Hats off to the past, coats off to the future" is the slogan this year as Ohio Celebrates its 150th birthday. The Sesquicentennial slogan signifies the work and progress that has marked and will continue to mark the Buckeye State's history.

Ohio ranks among the first five in wealth and population in the 48 states. It has given the United States eight of its 34 presidents and has contributed innumerable leading statesmen to the country. Since the first pioneering settlements, Ohio has been a leader in both agriculture and industry, keeping the two well balanced.

The first state carved out of the old Northwest Territory, Ohio was admitted to the Union in 1803 as the 17th state. Through its development into one of the largest and richest states, the celebration of its birthday is not only a matter of local pride, but has regional and national significance as well.

Chairman of the Ohio Sesquicentennial Commission, which planned and is leading the celebration of the State's 150th birthday, is Harvey S. Firestone, Jr., fifth generation Ohioan and Chairman of The Firestone Tire & Rubber Company.

Part of America's western frontier following the Revolutionary War, the territory had been under three flags before the Stars and Stripes. The Spanish once claimed it, and the French explored it, holding the area until pushed out by the British.

THE TERRITORY operated under the historic Ordinance of 1787, which brought organized government to the Northwest and which influenced the Constitution of the United States. The pioneers enjoyed complete personal and religious liberty, trial by jury, exemption from cruel and inhuman punishment, due process of law, and the sanctity of property contracts.

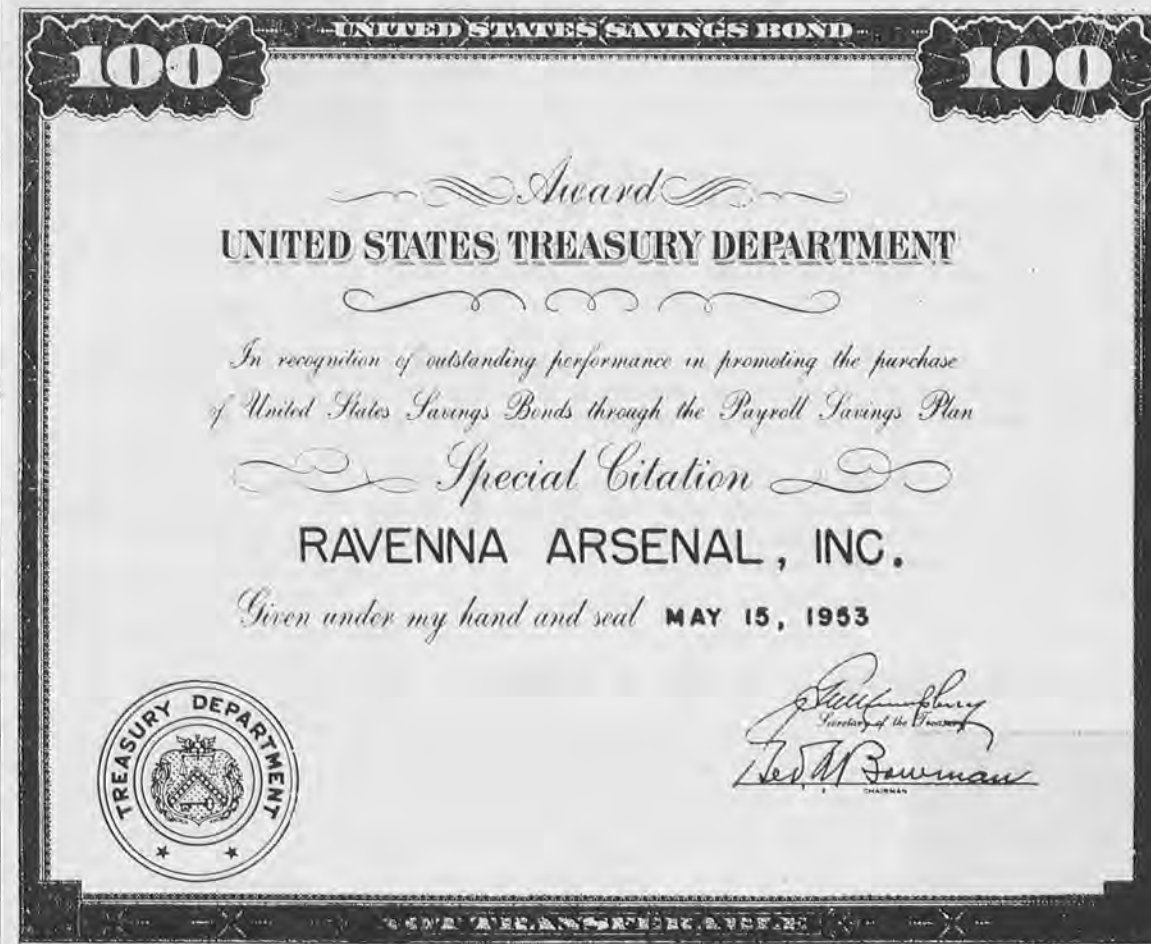
They also saw education, morality and religion encouraged by constitutional provision. They saw slavery barred. The founders of the State of Ohio resolved to preserve these blessings in their new state constitution. Thus Ohio entered the Union on March 1, 1803, with a (Continued on Page 2)



THE SEAT OF PORTAGE county justice was transferred to Ravenna when the present courthouse and jail were occupied in 1810. The buildings have been remodeled somewhat during the years in between, but the architectural lines and locations of them are recognizable in this print taken from an early pictorial history of the county.

RAVENNA ARSENAL NEWS

"We hold it to be the first task of statesmanship to develop the strength that will deter the forces of aggression and promote the conditions of peace."
—Dwight D. Eisenhower



THE U. S. SAVINGS BOND certificate, above, has been awarded to the employees of Ravenna Arsenal for attaining a record of 75.4 per cent participation in the Company's Payroll Savings Plan. Ravenna Arsenal is the first plant in Portage county to receive the award. In presenting the certificate, Harvey B. Heiser, Treasury department representative, extended his congratulations to all employees for their fine patriotic spirit.

Employees Win Bond Award

Lt. Col. T. H. Bradley Assigned To Arsenal

Lt. Col. T. H. Bradley has been assigned to the Ravenna Arsenal and will assume command of this post when Col. C. K. Allen leaves for an overseas assignment the latter part of July.

Colonel Bradley was transferred from the Ordnance Ammunition Center at Joliet, Ill.

Payroll Savings Participation Jumps to 75.4 Per Cent

Employee participation in the Arsenal Payroll Savings Plan has reached a two-year high average of 75.4 per cent as of May 15.

In recognition of this outstanding effort, Arsenal employees have been awarded a Savings Bond certificate from the U. S. Treasury department.

The certificate is awarded to individual plants that have 50 per cent or more, participation in the Payroll Savings Plan.

Ravenna Arsenal is the first plant in Portage county to receive the award. As soon as the Arsenal reaches 90 per cent participation it will receive a U. S. Savings Bond flag. So far, only one plant in Ohio has won the flag.

Also, 18 departments have gone 100 per cent for the purchase of U. S. Savings bonds through the convenient Arsenal savings plan.

The number of salary employees subscribing to payroll savings jumped to 89 per cent and for hourly personnel the participation went up to 72 per cent, thus bringing the Company total to 75.4 per cent.

ARSENAL employees who have enrolled in the Payroll Savings Plan are to be commended for their loyalty toward our Government and Armed Forces, and for their wisdom in saving for the future.

The balance of the employees, who have not enrolled in the plan, have various reasons for not doing so. However, it is hoped that they will consider buying the new, improved "P" bonds through Arsenal payroll savings as soon as possible.

U. S. Savings bonds provide an extra source of revenue for our country's defense effort. Through

WANTED—News Reporters

Many departments in the Ravenna Arsenal are not represented in the Arsenal NEWS because of no reporters.

Your plant newspaper depends upon departmental reporters for a large part of the news and for tips on feature stories.

If you would like to report the news and activities from your department, contact the Arsenal NEWS office either by telephone — Extension 506, or in writing — R. W. Fuehrer, Arsenal NEWS, Room 15, Personnel Building.

Any employee is eligible to be a reporter for the plant newspaper. Be a news reporter and get your department in the Arsenal NEWS.

News In Brief

A. N. Line

An emergency operation put **Phyllis Dietrich** in the hospital during part of her week's vacation. She is now recuperating at home and we extend our "get-well wishes"...Our sympathy to **Alexander Goodwin** who was called home to South Carolina due to the death of his mother...Welcome back to **Arlene Bollinger**, who formerly worked the night shift...Recent transfer from the Depot is **Truly Luckett**. Her husband, **John**, formerly worked on the A. N. Line but is now on Load Line One...**Isaac "Iki" Gatewood** is back after making an emergency trip to Georgia due to his mother's illness.

Personnel Building

Rosemary Hamed, who has been working in the Load Line Two office on the third shift, transferred to the Industrial Relations office. Prior to working on Line Two, she worked in the Employment department...**Mary Lou Bognar**, husband **Paul**, Load Line One, and their milly motored to Wyola, Mont. to visit her parents. They will spend two-week vacation there on her parents' cattle ranch...**John Foos** and family vacationed in Georgia and Florida...**Mary Padovane** formerly of the Services department has transferred to the Employment department.

Comptroller's Division

Jean Murphy, Financial Accounting, has entered Cleveland Lakeside hospital to undergo surgery...For a fine vacation **Nick Tambures** recommends Detroit and Canada. "The golfing is good and the weather is fine," he says...**James Nelson** has the new role of inventory clerk for Property...The Payroll Tabulating room has added **Jeannette Moore** to its staff. **Jeannette** is now living in Ravenna, but formerly resided in Van Wert, O...**Lake Charles, La.**, has contributed another employee to the Headquarters staff—**Milton A. Stine**, clerk in the Paymaster's office...New member in the Insurance office is **Eleanor Moffatt**, formerly of Warren and now residing in Kent...Our sympathy is extended to **Pat Revezzo** upon the death of his father-in-law.

Ordinance Staff

Mary Szabo, Office Services, and husband **Andy** spent a quiet vacation at home. Also enjoying a week of relaxing at home is **Louise Hoffstetter**, Fiscal. Devoting a week's leave to remodeling his home is **Harold Gepper**, Management office...**Carroll Ruben**, Operations, is spending two weeks at Rock Island Arsenal attending the Top Management seminar...**Charles P. McKinley**, Safety, has returned to work after a week's illness. **Edith Cook** of Safety is planning a weekend trip by air to Houston, Texas, to visit her sister...Welcome to **Charles Kebl** who recently transferred from RAI to Ordinance. "Chuck", an Arsenal employee since June 1942, worked for the Atlas Powder Company and Ordinance prior to RAI service, including several years experience in Inspection during World War II... "They laughed when I sat down and watched the lawn mower operate", is a slogan providing the last laugh for **Foster Fludine** of Property. Seems as though it required written proof to establish the fact that completely automatic lawn mowing equipment is now available and on the market.

P. E. & I. Division

New department inspectors in the P. E. & I. Division are, **Donald G. Goodyear**, Kent; **Denver D. Bowen**, Ravenna; **Charles L. Shockley**, Ravenna; **Jack P. Ossler**, Alliance; **John R. Hollenbach**, Mantua; **Robert Lilly**, Kent; and **Pete Dickey**, Newton Falls...**John Clause**, a former department inspector has transferred to Quality Control...**Lorine Schrock**, Statistical Quality Control, is confined to Crile Hospital in Cleveland.

(Continued on Page 5)



STORES STOCK CONTROL employees using the new record-keeping equipment are, foreground: Myrtle Collier, Garrettsville, and William Goff, Akron. Background, left to right: Lillian Bowman, Apco, and Margaret Dickey, Newton Falls.

Sports Quiz Answers

1. Ty Cobb is the all-time leader with 4,191 hits.
2. True. Of the 24 events on last year's Olympic track and field program, 14 first-place medals went to athletes of the U. S.
3. In 1930 and 1931, when the great Philadelphia A's outfielder, known to baseball fans as Al Simmons, batted .381 and .390.
4. Emil Zatopek, of Czechoslovakia, whose new marks in distance events ranged from 10,000 meters to 20,052 meters. The latter distance was covered in one running.
5. McCarthy's teams won seven World Series, all in the American League. In his only World Series appearance for the National League, with Chicago in 1929, Philadelphia won, four games to one. McCarthy's 1942 Yankee team lost to St. Louis.

New Stock Control V-dex File Less Fatiguing For Employees

The new record keeping equipment and system now being used in the Stores Stock Control office is proving to be less fatiguing for posting by department employees.

It is simply a vertical card file with added visibility. The new files replaced the ring type binders.

Known as a V-dex, each file has 40 compact sections that open to a 40 degree "V". Each section has five dividers that have a capacity of 14 Stores Stock Control cards.

Notches on the bottom of cards fit on rails in the file tray, giving the cards a shingled effect and thus exposing the margin to desired visibility. Margins of the 14 cards are all visible at the same time when divider is flipped open.

The two exposed margins can be marked and top of the card can also be marked with a metal index tab for signaling special attention or follow-up of information on the card. These signals can be easily spotted for posting in this new file system.

The exposed margin shows minimum and maximum re-order points, together with balance on hand and provides a better control and review of stock in Stores without removing the cards from the file.

CARDS CAN also be easily removed, posted and returned to the file. When a card is removed, a signal shows that a card is out and this serves as a guide in returning the card.

The file trays are set on stands

Arsenal Deer Move To Children's Zoo

Among the new residents of the Children's Zoo in Akron are two Arsenal fawn. They were turned over to the zoo by the Arsenal Fish and Wildlife Conservation club.

The young deer were captured by members of the club with the assistance of two representatives of the Ohio Museum of Natural History and four members of the Akron Isaac Walton league.

The pleasant moments provided by the fawn to children and adults alike during the visits to the zoo represents one of the many benefits for which the Arsenal Conservation club is responsible. Supported solely by their own contributions and working on their own time, this group has been very active in Arsenal conservation work.

Recently, the club planted 5,000 red pine seedlings throughout the Arsenal in observance of "Plant A Tree Week". In addition to beautifying the area, the trees serve as cover for the Arsenal's wildlife during the winter season.

equipped with swivel casters for easy moving in the office and the stands may be adjusted in height from 18 inches to desk top level.

Functions of Stores Stock Control are to determine the material requirements of Ravenna Arsenal, based on past usage and immediate foreseeable operations, and review and approve requests to stock materials which are not being carried as stock items.

Also, the preparation of purchase requisitions to secure an adequate supply on time, maintain a perpetual inventory or balances of Stores material by recording all transactions on stock record cards, and furnish to Cost Accounting Department data related to cost distribution.

Victor W. Perry Gives Commencement Address

Victor W. Perry, Arsenal Training staff, gave the Eighth Grade Commencement address on May 25 at Colebrook, O. He was superintendent of schools there from 1944 to 1950.

His subject was "Motivation in Education". Mr. Perry, a native of Salesville, O., is a graduate of Wooster University, where he received a bachelors degree in philosophy. He also did post-graduate work at Ohio State University.

He has been with Ravenna Arsenal, Inc. since April 1951. His present residence is in Kent.

Weddings

TAYLOR-McBRIDE

Wedding bells rang for Beverly McBride and Paul Taylor at the Methodist Church in Ravenna on April 29. They were united in marriage by the Rev. Harry Young, pastor.

Beverly is the daughter of Mr. and Mrs. E. G. McBride from Ravenna and Paul is the son of Mr. and Mrs. Raymond Taylor of Kent.

The newlyweds both graduated from Ravenna Township High School. Beverly is a waitress at the Main Cafeteria, and Paul is employed by the State Highway department in Kent. They have taken up housekeeping in Kent.

When you define liberty you limit it, and when you limit it, you destroy it.

—Brand Whitlock.

National Advisor Meets Arsenal Girl Scout Leaders



RAVENNA ARSENAL Girl Scout leaders were given the opportunity to meet Miss Julia Peterkin, community and camp advisor from National Girl Scout headquarters, when she visited the Arsenal on May 14. Leaders who attended the meeting are, front row, left to right: Mrs. L. B. Humphrey, Miss Peterkin, Mrs. L. R. Van Winkle, Mrs. G. R. Sanders. Back row, left to right: Mrs. Harry Lettie, Mrs. E. C. Thorpe, Mrs. Reed Jones, Mrs. Paul Bellard, Mrs. D. H. Ringler, Mrs. Carroll Ruben, Mrs. E. C. Tomlinson, Mrs. C. R. Branfield.

Miss Peterkin's main discussion was on the possibility of a County Girl Scout council. She pointed out that by so doing the scouting movement would be stronger and there would be more training for the leaders. She explained that such a county-wide council would be divided into subcommittees with representation from each lone troop committee, creating an "umbrella" over all Girl Scouts in the county. Miss Peterkin also praised the progress made by Arsenal Girl Scouts during the past year.

Is Uncle Josh's Buffalo Robe Still Collecting Dust Out In The Garage?

Rubbish and needless fire go hand-in-hand. That's why clean property means fewer fires. The chances of having the fire department pay you a visit at home or at work are in direct proportion to the amount of rubbish you allow to collect in your house or work area.

Rubbish may not be a cause of fire in itself, but it supplies the fuel for a carelessly discarded match, cigarette or stray spark.

Rubbish is not just waste paper and dirt as so many people assume.

Auto Registration Is For Your Benefit

Have you registered your 1953 auto license number with the Arsenal Guard Force? This card file is kept for the benefit and protection of all Arsenal employees in the event of accident, fire, theft or any other emergency. Auto registration cards are available at Guard Headquarters in Fire Station One.

Webster defines "rubbish" as: "Anything worthless or valueless." This means that Uncle Josh's buffalo robe in the garage... that broken down sofa in the attic... or those oily or paint covered rags you are saving at work to use again are **RUBBISH!**

Americans probably keep more rubbish than any country in the world. We also have the worst fire rate. There's two reasons for this rubbish record: First, the "I'll take care of the trash barrels tomorrow" philosophy. Second, we have a lopsided sense of thrift. We are a nation of string-savers and trivia collectors.

We hate to throw anything away. We hang on to things like Aunt Emma's moth-eaten muff, three legged furniture and dirty coveralls in the vain hope that we may be able to use them sometime.

Good housekeeping is the key to fire safety. A good housekeeper not only keeps dirt and rubbish to a minimum, but through regular check-ups eliminates possible causes of fires.

To be seventy years young is sometimes far more cheerful and hopeful than to be forty years old.

—Oliver Wendell Holmes.

RAI Wise Owl Club Founded



FORD GOODNIGHT (left), receives his Wise Owl Club award certificate from **C. F. Craver**, Safety, Security and Training Manager. Mr. Craver congratulated Mr. Goodnight for being an alert employee and for wearing his safety glasses while doing hazardous work. Mr. Goodnight also received a lapel pin—a small gold owl wearing goggles.

Ford Goodnight Is First Member

A new chapter of the Wise Owl Club of America has been established at Ravenna Arsenal. First employee to receive a lifetime membership in the club is Ford Goodnight.

Mr. Goodnight became eligible for membership in the Wise Owl club on May 22, 1952 when his safety glasses saved his eyes from being burned by hot, molten TNT.

He received first and second degree burns of the face, but his safety glasses saved his eyesight. One lens of the glasses was completely covered with TNT.

The place of the accident was Department 75, Load Line Two. He is still working in the same department but is now a lift-truck operator.

Prior to receiving Mr. Goodnight's award, Ravenna Arsenal, Inc. was presented a charter from the Wise Owl club which is sponsored by the National Society For The Prevention Of Blindness. Picture of charter appears on page two.

Roads and Grounds' Portable Robin's Nest



ARSENAL ROBINS seem to prefer mobile, dry, sheltered places to build their nests instead of the old fashioned trees. One of three Robin's nests found "attached" to mobile equipment used by the Roads and Grounds department is shown above. Driver E. S. Cooper from Windham (above), found the nest built on the body frame over the axle under the left, front fender of his truck.

Mother Robin laid her first egg in the nest on May 11 and one egg on each of the next three days. Thus, she has been using the heat of the truck's engine to help hatch the four eggs. As of this date, the eggs have not hatched and the truck has been in continuous service since May 11. The truck travels about 40 miles a day and each time the truck comes into the old Atlas area at lunch time and quitting time, Mother Robin flies under the fender to sit on the nest.

This was the second Robin's nest found on the truck. On May 4 Mr. Cooper destroyed a half-completed nest and Mother Robin built her second nest over the weekend prior to May 11. The other two Robin's nests found by Roads and Grounds' employees were built under a trailer and on a roller being used in Load Line Four. The nest under the trailer had three eggs in it and the other nest had one egg. The nest on the roller was destroyed because it would have been smashed when the roller was used.

Mariners Initiate 7 New Members

Arsenal Mariners have finished their first aid training and have initiated seven members of Troop 1 into their group.

Troop 1 scouts have earned their second badge, which includes home-making, agriculture, music and dancing, sports and games, arts and crafts, out-of-doors, literature and dramatics, health and safety, nature, community life and international relations between Girl Scouts in other countries.

Troop 1 will spend a week at Camp Jessie May on the Fageol Farm this summer. Activities will include swimming, hiking, out-of-door cooking and nature. Their main project will be learning safety while at camp. A Mother's Tea ended their activities for the season.

Brownies also held a Mother's Tea to end their activities for the season.

In Memoriam

ETHEL M. WISE

Death claimed the life of Ethel M. Wise, 56, wife and mother of two Arsenal employees, on May 15. Mrs. Wise was buried May 18 in Restland cemetery, Brimfield.

She is survived by her husband, C. Merle Wise, truck dispatcher for Roads and Grounds at the old Atlas area, and a daughter, Mrs. Atlee Pitt, Office Manager's department.

CHARLES B. LOVELESS

Private funeral services were held May 25 for Charles B. Loveless, 89, who died May 22 after a one-week illness. He was the father of Phillip Loveless, foreman of the George Road Paint Shop.

He was a well-known Warren industrialist and businessman and a life-long resident of that city. Mr. Loveless is survived by his wife, three daughters, two sons, seven grandchildren and 13 great-grandchildren.

WILLARD E. LOUDIN

Funeral services were held May 17 for Willard E. Loudin, 36, who died May 14 after an extended illness. Burial was in French Creek, W. Va. Mr. Loudin was a millwright in Department 30 and made his home in Windham.

He began his Arsenal employment in December 1950 with Ordnance and transferred to Ravenna Arsenal, Inc. in May 1951. Mr. Loudin was a World War II veteran and a native of Rock Cave, W. Va. He is survived by his parents, three sisters and three brothers.

15 Ordnance Employees Have Perfect Attendance Record For Past Year

Fifteen Ordnance employees recently were commended for attaining perfect attendance records during 1952. In receiving recognition for their record of working an entire year without use of sick leave, it was pointed out that these employees aided materially in the efficiency of the organization.

The review of leave records of the Ordnance staff which resulted in these commendations is a part of the continuing Management Improvement Program designed to provide maximum economy and efficiency in operations stressing the theme of "Cost Consciousness".

Accomplishing the perfect record were Earl Barnett and Marjorie Utt of Property; Charles Branfield, Stanton Elwell, William Flasher, Ray Neass, Dean Parks, Angelo Prezioso and Chloe Yaw of Inspection; Lillian McConnell and Tom Brown of Security; Ernest DeGraw of Surveillance; Florence Dingley of Office Services; Charles Kennington of Administrative and Simpson Proctor of Personnel.

ARTIFICIAL RESPIRATION

Drowning, asphyxiation, or electrical shock can stop breathing. Artificial respiration should not be stopped too soon. There have been instances where a patient began to breathe after eight hours of artificial respiration.

The Miracle On The Ridge

"Back Down The Ridge" is a heart warming story of what American blood, donated freely by patriotic Americans, has done for our wounded in Korea.

Back from the frozen, bloody ridges they come, these shattered boys, still brave, still spirited. This is the never-to-be-forgotten story of their Calvary. This war classic of stark horror and shining heroism was written by William L. White and has appeared in condensed form in the February 1953 issue of Readers Digest.

In writing a postscript, General Omar N. Bradley, stated: "Like Eddie and Bill and Phil and Fred in the inspiring story "Back Down The Ridge", most of our wounded in Korea have been saved by a miracle—blood. Their lifeline is literally the thin rubber tube through which precious, life-restoring blood and plasma flow into their veins. Without this miracle, neither surgical skill nor medical invention can help them.

"To continue their magnificent work in Korea, our medical services need blood—your blood. They need it today!"

We recommend that every Arsenalite and his family read this impressive story about our troops in Korea who have been wounded and saved from death by American blood.

And after you read "Back Down The Ridge", you will want to give a pint of blood when the Red Cross Bloodmobile makes its next Arsenal visit on June 25, or when the bloodmobile visits your home town.

Your blood is the miracle that can save a life!

An Idle Plant Is A Dead Plant



HAROLD E. TALBOTT
Secretary of the Air Force

American production defends the free world. The largest obstacle to the Communists' plan for world conquest is our ability to turn out material and equipment.

There are thousands of factories and plants which are vital to our defense program even though they are not making arms or ammunition. An electric power plant or a city water system may not have a defense contract, but put it out of business and you cripple ten or a hundred defense plants which depend on it.

An idle plant is a dead plant. A plant dead for lack of power or water is just as dead as one bombed dead. So is one dead from sabotage. In event of a "hot war," sabotage might cripple our industrial empire. If trains and planes were stalled for lack of fuel, or if our communications system were dead for lack of power, our ability to produce would be cut to a minimum.

Faced with this danger, every one of us must do what we can to safeguard American industry.

What can YOU do? You can take special care not to commit some negligent act that might cause a disaster. You can observe every safety regulation at the plant where you work; they are intended to protect you as well as your plant. Finally, you can be alert to what goes on around you. Don't let some subversive make a fool of you. If you notice anything that seems to threaten our national security, report it to the Arsenal Guard Force. They'll know how to handle it.

Above all, in times like these, be a good American. Remember that security is everybody's business, and that it is one business that makes a profit for everybody.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Micevich, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, June Hummer, Frances Gigliotti, Beverly Williams, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura.



THE FIRST COURTHOUSE in Portage county was the frame house—pictured above, located in Campbellsport. The building, constructed in 1806, was used as a private residence for years and is still in use as a barn today.

Ohio's History

(Continued from Page 1)
government in which all the precepts of the democratic way of life were safeguarded.

Echoenbrunn Village, (New Philadelphia), founded in 1772, was the first village in what is now Ohio, but the first permanent settlement in the Old Northwest was Marietta, established in 1788.

Within a year or two, several other villages sprang up, including Belpre, Cincinnati and Gallipolis. With each new settlement the Indians increased their resistance and they began getting encouragement from the British, who still held land in the West.

By 1790 the United States was determined to put an end to the strife in this new area. President George Washington sent an army under Gen. Josiah Harmar against the Indians, but it was defeated. The subsequent campaign led by General St. Clair met with the same fate in 1791.

KNOWING that a third defeat would be disastrous to the United States as a military power, President Washington commissioned Anthony Wayne to lead an army against the Indians.

After carefully training and disciplining his troops, General Wayne advanced from his headquarters at Fort Greene Ville to meet the Indians in the Maumee Valley. On August 20, 1794, he defeated the Indians at the Battle of Fallen Timbers.

During the following years he strengthened his position by building forts throughout western Ohio and at Fort Wayne, Ind. He also invited the Indian tribes to Fort Greene Ville to a peace conference. From January to July, 1795, tribal representatives struggled into the headquarters camp. Negotiations began in July and the treaty was signed August 3, 1795, by General Wayne and other Americans and 90 Indians representing 12 tribes.

After the treaty was signed a large part of the Ohio country became safe for the owners of isolated farms. Agriculture took on greater importance as the great productive effort of the people of the Ohio region. New towns sprang up, including Hamilton, Middleton, Lebanon, Dayton, Chillicothe, Franklinton (now Columbus), Lancaster, Athens and Zanesville.

In 1796 surveys of the Western Reserve began under the Connecticut Land Company, and settlements were started at Cleveland and Youngstown that year. By 1800 the census showed a population of 48,365 in seven counties, including part of Michigan.

BY 1802 OR 1803, the population was sufficiently strong to win state recognition from the national Congress. Ohio became the 17th state and since it was the first in the Northwest Territory, it became known as the Gateway State, a status it has held ever since. The bulk of all transcontinental travel, whether by rail, air, or land, is funneled through Ohio.

Ravenna, the Arsenal's namesake, came into being on June 17, 1799 when Benjamin Tappan settled in the area that is now the city of Ravenna. Mr. Tappan was also a member of the Ohio State Senate from 1839 to 1845.

Other outstanding settlers who helped build Ravenna, seat of Port-

age county, were Cyrus Prentiss, President of the old Cleveland and Pittsburgh railroad; Jesse Grant, father of Gen. U. S. Grant, who had a tannery in Ravensna from 1810 to 1821, and Gen. E. B. Taylor, who had a hat factory in Ravensna before the Civil War. General Taylor went down in history as the Union Army commander who saved Washington, D. C., from being burned and sacked by the Confederate Army.

Portage county was created in 1808 and the first court was held in the Robert Eaton house located in Campbellsport, about two and one-half miles southeast of Ravensna on Route 14. Built in 1806, the house is now used as a barn.

ON THE NORTHWEST corner of the Eaton house, a log jail was built to provide a temporary place for those that had no regard for law and order.

The seat of justice was moved in 1810 to the present site when John and William Tappan built a frame courthouse and log jail. The log jail was replaced in 1819 by a frame building and the original portion of the present jail was constructed in 1840. The front of the present Portage County courthouse was built about 1887.

The first settlement in the area now known as Summit county was established by a band of settlers from Connecticut. The area was known as Hudson township in 1799. There the first school and church were organized. But the surrounding territory was settled slowly for it was on the very edge of the Indian country. The Cuyahoga river,

Milk Products Form Large Part Of Average Diet

Milk and milk products are the foods that contain CALCIUM which is so necessary for strong bones and teeth! In fact, three quarters of the average American diet comes from milk in some form or another, such as fresh milk; evaporated, dried, or skim milk and cheese. So "drink your milk" in whatever form you prefer — there's good nutrition in all milk products!

Milk is a body builder, too! Like eggs, meat and poultry, it provides first class protein to help build muscle and tissue.

So include some milk products in your diet every day! There's no other food group that supplies so concentrated a form the calcium you need.

There is always a supply of milk and milk products available in your cafeteria. In addition to liquid milk, there is cottage and American cheese as well as ice cream. The milk is always top quality, ice cold and is sold as reasonably as possible.

In Memoriam

MANFORD E. BREWSTER
Funeral services were held May 11 in West Sunbury, Pa. for Manford E. Brewster, 71, who died May 8 at his home. Interment was in the Mt. Chestnut cemetery.

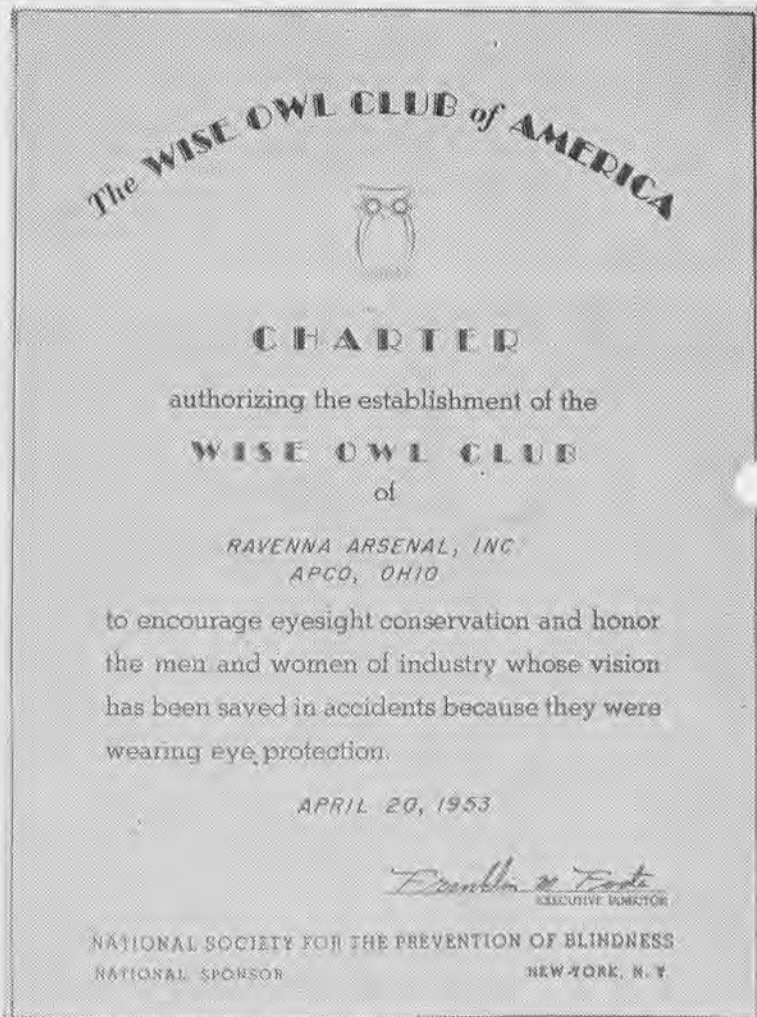
He is survived by a daughter, Mrs. Margaret Purdy, Main Service Garage, and a grandson, James Purdy, Roads and Grounds.

Portage Path and the Tuscarawas still formed the eastern boundary of the Wyandott-Deleware reservation.

In 1805 the Indians relinquished all rights to the land, and Middlebury, the first permanent settlement within the present limits of Akron, was started in 1807, centering where East Exchange meets East Market.

Akron was founded, planned and has grown and expanded in much the same way as any other average American city. The Ohio Canal furnished the occasion for a new town and the series of locks to be built determined the city's location.

General Simon Perkins, who had acquired a large tract of land on the summit between the valleys of the Cuyahoga and Tuscarawas rivers, laid out Akron and recorded the plat on December 5, 1825.



THE NATIONAL SOCIETY For The Prevention of Blindness has presented the above charter to Ravenna Arsenal, Inc. and authorized the establishment of a Wise Owl Club here.

News In Brief . . .

(Continued from Page 3)

Depot Area

The Henry Locke youngsters are quite happy since a pinto pony was born May 1 at their home on Route 80. Henry works in U-8.... Employees from U-8 who recently enjoyed a week's vacation are Fred Douglas, Norman Williams, Ernest Metcalf and Gustafson.... Other vacationers are Adam Siegruth, Operations; John Taylor, Bolton Barn; and Clark Schoolcraft, U-10, who toured West Virginia and adjacent states.... Emmett Hamilton, checker force, spent his vacation fishing in Chesapeake Bay.... Other checker force vacationers were Joe Kehl and Harry Venable.... Robert Dean, checkers, is recuperating from a recent operation.... Glenn Taylor, Bolton Barn, has recovered from a painful case of poison ivy.... Carol Bentz of F-16, and wife of Cash Bentz is recuperating at home after a week's treatment at the hospital.... Nancy Kyser had a touch of bronchitis.

Department 192 is glad to welcome back Dan Marginen, and happy to report his full recovery from surgery.... Also welcome to Katie Jackson, absent several weeks because of illness.... Lucky vacationers from U-14 this past month have been Franklin Shaw, John Mitrovka, Old Bartlett, George Snyder, Amos McPeak, Jack Manear, Joseph Van, Harvey Richards and Fred Woods.... Elizabeth Cook, U-14 office is taking a week's vacation to put the finishing touches on her new home.... G. Mansfield, U-14, continues on the sick list and James Keen, is a patient in Crile Hospital. Wilbur Lloyd is also hospitalized for surgery. Good luck to all.... Our sympathies are extended to Mrs. Pearl Young, Department 191, on the death of her brother, Jesse Diepenbaugh, in Dover, O.... Betty Barr, Department 191, spent a weekend in Wheeling, W. Va., visiting her mother and other relatives.... Hazel Cooper, Department 191, is entertaining her sister and husband, Mr. and Mrs. Philip Underwood of Phoenix, Ariz. at her home in Ravensna. They plan to spend the summer in Ohio.

Nationwide Food Service

Marie Quimby spent her vacation at home learning to drive a car. Margaret Taylor, Main Cafeteria, celebrated her eighth wedding anniversary on May 19. She received a bouquet of carnations and several beautiful cards.... May 20 was the fifth wedding anniversary for Harold "Pete" Howell, Assistant Cafeteria Manager.

Roads and Grounds

Welcome to Roads and Grounds is extended to Irving Vaughn, Robert Swecker and Dennis McClintock all from Ravensna and William Dean of Dorset, O.... Maurice Mack, a Grounds supervisor, spent a week's vacation fishing in the southern states.

Artillery Primer Line

Congratulations to Mr. and Mrs. Robert Walton on their 18th wedding anniversary, May 29.... And congratulations to Phil and Josephine Larcus on their first wedding anniversary, May 24.... Helen Gasetto and family spent a very enjoyable week at Lake Erie.... We extend a big welcome to our new employees—Christine Dix, Willie Mae Taylor, Beatrice Gothard, Queenie Brannon, Louis Marik and Wilfred Davenport.

Production Offices

Hazel Richards, Ruth Law and Edith Heintz of Field Service Stock Control were in Washington, D. C. on May 16 and 17. They viewed the Armed Forces Day parade and met General Omar Bradley. They also visited the White House and many other points of interest.... Traffic Department employees have been doing a considerable amount of traveling on weekends. Among them are Mary Jane Larrison, who was in Dayton with members of Alpha Iota sorority; Charlene Manners, who went home to Punksutawney, Pa. and Thomas Rawley and family, who visited relatives in Marietta.... Rillis Moneyenny's son, Rillis Jr., is in Robinson Memorial Hospital, Ravensna, for an operation. We extend our "get-well wishes".... Leo Spahn, Depot Space and Reports, has transferred to Time Study.... Olga Burkhardt, who usually works at Bolton Barn, is temporarily assisting the Depot Space and Reports section at Headquarters.... Helen Flanagan, Depot Space and Reports, spent her vacation visiting relatives in Pennsylvania and at home.

Stores Stock Control

New storekeeper in our department is Vern G. Evans, who transferred from the Railroad department.... Edith Kouba spent a recent weekend in Dayton attending the state convocation of Alpha Iota, International Honorary Business sorority.

Laundry

Margaret Martin vacationed in Wheeling, W. Va. visiting relatives.... Betty Max has been confined to her home in Youngstown due to illness but is expected back soon.... Iva Hunk spent a recent weekend visiting her son, William and his family in Dayton, O.... Charlie Shields has moved from Windham and taken up the life of a trailerite near Ravensna.... Fern Lewis spent a weekend visiting relatives in Glassport, Pa.... Gladys Morris, on leave of absence, has left for Florida to recuperate following a recent operation. We all wish her a speedy recovery.... Ellwood Zink, Charlie Shields and Aurelia Brant are all back at their old fishing spot on the shores of Mosquito Lake, but they report the fish are very unfriendly.

Arsenalites In The Armed Forces

New military address has been received from A-2C William L. Ayers, AF 15470344, Box 79, 3600 AP Sqn., Luke AFB, Glendale, Ariz.

A change in military address has been received from Pvt. Ned Johnson, Jr., U. S. 52229837, Co. K, 19th Inf. Regt., APO 24, c-o Postmaster San Francisco, Calif.

Arsenalites recently entering the Armed Forces are: Edwin Alston, Canton, Department 194; Richard M. Patyak, Elyria, Department 1; Thurlio Lyles, Alliance, Department 194.

A change of address has also been received from Pvt. William Fairhee, RA-15495997, Co. B, 508th Airborne Regimental Command Team, Fort Benning, Ga.

RICHARD KEEN, former Department 70, Line Two employee,

is now aboard the USS Moale, a destroyer, and headed for Korea. Dick's home is in Atwater and he was stationed at Great Lakes NTS before shipping out.

In his letter of May 17, he said they were on the Red sea and had been through the Mediterranean sea and the Suez canal. Dick's address is Richard Keen, MMFA 3311525, USS Moale DD-693, E Div., c-o FPO San Francisco, Calif.

Former A. N. Line employee Pvt. Okey L. Stout is now stationed on Koje Island off Korea with the 64th Field hospital. Pvt. Stout, whose home is in North Benton, O., stated in his letter that he would be in the Korean War zone for 12 months before being related home. His new address is P.O. Box 1, Stout, US 5214114, 64th Field Hospital, APO 612, c-o Postmaster San Francisco, Calif.



ARSENAL FIREMEN who recently completed the Standard Red Cross First Aid course are, left to right, first row: Lieut. O. D. Riesterer, Akron; Lieut. Vernon Lewis, Kent; Crew Chief H. J. Cleveland, Alliance; Crew Chief C. M. Salen, Warren. Second row: Crew Chief B. D. Spencer, Windham; C. R. Harris (instructor), Ravensna; Elmer Spurlock, Apco; E. J. Clark, Canton; Floyd Fought, Lake Milton. Third row: T. A. O'Malia (instructor), Niles; John Schwab, Ravensna; E. A. Kilmer, Garrettsville; John Meyer, Lake Milton; C. O. Blume, Alliance; C. A. Welker, Deerfield; O. E. Hardway (instructor), Akron; W. M. Brenner, North Benton; D. B. Osburn, Barborton. Back row: George Apthorpe, Jr., Apco; Jack Detruf, Newton Falls; Harry May, Lake Milton; W. G. Davis, Atwater.

58 Employees Complete First Aid Training

Fifty-eight employees have completed the Standard American Red Cross First Aid course which is being taught by instructors from the Arsenal Fire department.

The last class of 14 employees to complete the standard course was on May 25. Two first aid classes for production and office personnel are now underway. New classes will begin in about eight weeks.

On June 15 a class of 15 firemen will complete their Advanced First Aid training and shortly after that date they will start their Instructor's course. About August 1 the Fire department will have 19 qualified first aid instructors to train other Arsenal employees.

As soon as all firemen have completed their basic first aid training, members of the Arsenal Guard Force will be given the Standard course.

ACCIDENTS have come to be a leading cause of death in the United States. The chance that one will occur within the scope of your life is greater than you may think. Perhaps it will be a member of your family; an accident victim as you are traveling to or from work; or even an employee with whom you are working.

No one can estimate how many deaths and permanent disabilities could have been prevented if only a person with first aid training had

been present.

A common practice which cannot be condemned too strongly is that of loading an injured person into an automobile without regard to injuries, and then driving at break-neck speed to a hospital.

Every Arsenal employee can be trained in first aid in order to save the life of an accident victim, whether it be at home, at work, on the highway or during a national emergency.

Arsenal First Aid classes are open to all employees. Contact the Fire or Guard departments, or your supervisor for more information and sign up TODAY by filling out a first aid registration card.



ANOTHER GROUP of the 58 employees who completed the Standard Red Cross First Aid Course taught by Arsenal firemen are shown during their final lesson. Working on A. F. Killey, General Stores, the "victim" are Fireman O. E. Hardway, the instructor; M. F. Wilkinson, Cost Accounting; and D. B. Stearns, Financial Accounting. Looking on are Carl W. Thomas, Ordnance Production; Elaine Tutoki, General Stores; Margaret Dickey and Dorothy Holupko, Stores Records.

Ammunition Loading Yesterday and Today



AMMUNITION LOADING as it was done 150 years ago and as it is being done today by Ravenna Arsenal's modern shell loading facilities is portrayed above on the Arsenal's Sesqui-Centennial float. The two pioneers on the left, loading their muskets with gun powder, are George Yanasco from Newton Falls and Bob Lattea from Leavittsburg. Both men are employed in Building 808. The front part of the float depicts the log cabin powder company of the early 1800's and the process for making gun powder. In the early days, the powder was made by mixing together saltpetre, sulphur and charcoal. Saltpetre is also known as sodium nitrate.

Portraying modern day explosive operators on the other half of the float are Art Nessenhaler from Diamond and John Andrie from Atwater. Mr. Nessenhaler is with the Fire department and Mr. Andrie works in the Main Garage. The mural above the modern ammunition display shows a section of an Arsenal melt load building where our present day shells are loaded with molten TNT. The float was constructed by employees from the George Road Carpenter Shop with Paint shop employees doing the finishing touches. The float has already been in three parades, including the Ravenna-Kent Sesqui-Centennial parade. The float will be in Newton Falls on July 4 for the Sesqui celebration.

Pete Lynds, Ed Tekely Lead Par Busters With 30 Wins

Pete Lynds and Ed Tekely are leading the Par Busters league with 30 straight wins as the Arsenal's five golf leagues enter their sixth week of action. Jack Ruble and Mike Garro are holding down the number two spot in the Par Busters.

Golf two-some leading the Pine Tree league are Art Kurtz and Angelo Prezioso with 25½ victories and 4½ defeats. Harry Sorensen and G. R. Sanders are in second place.

In the Comptroller's league Ed Crutcher and Ralph Bentz lead their loop with a score of 23½-12½. Tom Hendricks and Nick Tambures are trailing with a close 23-13 tally.

P. J. Ryal and Ernie Claybaugh are holding the lead in the Arsenalites league with six straight wins. Bob Russell and George Russell are in the number two spot.

On top in the Dubbers league are Milt Stine and Charles Hostetter with 9½ wins and 2½ losses. Don Mullen and Wallace Smalley are close with a score of 8-4.

PAR BUSTERS		
TEAM	Won	Lost
Lynds-Tekely	30	0
Ruble-Garro	18½	11½
Spencer-Taylor	15½	14½
Lemon-Loehr	7	24
Ruben-Merrill	7	17
Allen-Kebl	6	18

PINE TREE		
Kurtz-Prezioso	25½	4½
Sorensen-Sanders	17½	12½
Ceglia-Mrochak	14½	9½
Streeter-Widger	12½	16½
Grohe-Wyrlich	6½	17½
Wilson-Skipper	6½	23½

COMPTROLLER'S		
TEAM	W	L
Crutcher-Bentz	23½	12½
Hendricks-Tambures	23	13
Gleason-Helmkamp	20	16
Wilkinson-Stearns	19	17
Foss-Fox	18½	17½
Merrill-Williams	15½	20½
Giovannazzo-Seaholts	15½	20½
Elliott-Lewis	9	27

ARSENALITES		
Ryal-Calybaugh	6	0
R. Russell-G. Russell	9½	2½
Litun-Bognar	7	5

Summer Bowling League Started

Twelve Arsenal bowling teams opened the Summer bowling season on June 12. However, there are still openings for alternates in the Friday Night league. Interested bowlers should contact Don Mullen, Recreation office, on Extension 8194. First standings are as follows:

TEAM	W	L
H. Foos-J. Foos	3	0
E. Shearer-Dave Lynds	2	1
H. McCoy-D. Tullis	2	1
R. Bayley-L. McCall	2	1
R. Skipper-M. Skipper	2	1
E. Sanders-G. R. Sanders	2	1
Peg Lynds-Pete Lynds	1	2
M. Wilson-R. Wilson	1	2
B. Burk-S. Raeburn	1	2
T. Higgins-B. Schwab	1	2
B. Pringle-L. Mike	1	2
V. Sorensen-H. Sorensen	0	3

Bolton Barn 'Nine' Wants Outside Games

The Bolton Barn softball team is available for outside ball games on Sundays and weekday evenings except Monday. Team captains wanting to book outside games should contact Marion Johnson by calling Akron, Jefferson 8238.

Tips On Good Golf

by Sammy Sneed

THE GRIP—the most important single part of your golf game—get a good grip and stick to it.

STANCE—get comfortable so that the balls of your feet act as a firm cushion to maintain balance during the swing and follow through.

BACK-SWING—keep it under control at all times and don't hurry the start of the down stroke.

TIMING calls for the club head reaching maximum speed at the instant of impact with the ball.

HEAD DOWN until the "hit" is completed and the club head passes beyond the point of impact with the ball.

YOUR FUTURE is best served by joining Payroll Savings in your plant today and starting automatic regular saving of U. S. Savings Bonds.

SAMMY SNEAD SAYS: "Amateur golfers are often innumerable. All-American, open, is notable. ing, his over-



Arsenal Softball League Standings

The Arsenal's two softball leagues have finally gotten several games under their belts after being rained out in the beginning of the season.

The George Road nine is leading the Monday Night league and the Comptroller's are out in front in the Tuesday Night league. Standings as of June 12 are:

MONDAY NIGHT		
TEAM	W	L
George Road	2	0
Arsenalites	1	0
Materials Inspection	1	1
Bolton Barn	1	1
P. E. Line	0	3

TUESDAY NIGHT		
TEAM	W	L
Comptrollers	3	0
Pleasant Valley	2	0
Roads and Grounds	1	2
Gear Grinders	1	2
Salvage	1	2
Building 808	0	2

Arsenal Golf Outing Set For June 27

A mid-summer golf outing will be held at the Chestnut Hills golf course on Saturday, June 27. Reservations close June 25.

The outing is open to all Arsenal golfers and their friends. Reservations can be made by calling Don Anderson, Recreation office, on Extension 8194.

Sports Quiz

(By Armed Forces Press Service)

1. Who was voted "Most Valuable Player" in the National League last year?
2. Eddie Arcaro's victory in the 1952 Kentucky Derby established what three records?
3. Emil Zatopek ran more than 40 miles in the 1952 Olympic Games (True or False)?
4. What is called the "fastest" sport?
5. Which basketball championship is older — The National Invitation, N.C.A.A. or Olympic?

(Answers on Page 3)

You — at the machine, the work bench, or the desk are the experts. You know the job better than anyone. You are the expert who knows the good points and the flaws in your job. Why not improve it with a suggestion and get dollars for sense.



CONGRATULATIONS to Mr. and Mrs. Robert Lattea of Leavittsburg on the birth of twin girls, Laura LaVerne and Lois LaVonne, on June 3. Mr. Lattea is a lift-truck operator in Department 1.



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Do Your Part!

RAVENNA ARSENAL NEWS



Vol. 2, No. 10

RAVENNA ARSENAL, INC., APCO, OHIO

June 17, 1953



DISCUSSING a 90mm shell packaging operation on Load Line One during General Ford's visit are left to right: Col. C. K. Allen, Commanding Officer; Paul Borda, RAI General Manager; Maj. Gen. E. L. Ford, Chief of Ordnance; M. K. Skipper, Line One Superintendent; Capt. M. B. Coker, Aide to General Ford; and Lt. Col. Thomas H. Bradley, recently assigned to Ravenna Arsenal.

Deposit a Pint of Blood June 25 for Future Use

'Roll Up Your Sleeve' For The Arsenal's 10th Bloodmobile Visit

Arsenal employees will have another opportunity to "deposit" a pint of blood in the district blood bank when the Red Cross bloodmobile makes its 10th Arsenal visit on June 25.

Every American benefits from the blood collected by the bloodmobile — members of our Armed Forces, Arsenal employees and their families, and our neighbors.

It's too late to roll up your sleeve when our servicemen are wounded, or when tornadoes strike without warning, as has happened in the past few weeks. Now is the time to build up a reserve in our district blood bank for an emergency, whether it be personal or nation-wide.

Employees are being contacted

19 Departments Go 100 Per Cent For 'E' Bonds

A total of 19 departments signed up 100 per cent for Payroll Savings during the recent Ravenna Arsenal Savings Bond drive. The departments are:

- General Stores
- Stores Records
- Stock Control
- Water
- Sewage Disposal
- Water and Sewage Maintenance
- Roads and Grounds
- Repair Shop
- Buildings and Structures Maintenance
- Janitorial Service
- Laundry
- Fire Protection
- Strategic Material Stores
- Employment
- Training
- Industrial Services
- Time Study
- Industrial Safety
- Traffic
- Engineering (Department 54)

General Ford Lauds Maximum Production

Chief Of Ordnance Corps Makes First Visit In Arsenal's 12-Year History

Maj. Gen. E. L. Ford, U. S. Chief of Ordnance, made a brief tour of the Ravenna Arsenal on June 5, and expressed his thanks to the personnel of this installation for maximum production at the lowest possible cost.

This was the first time in the Arsenal's 12-year history that it was honored with a visit from the Ordnance Corps chief.

Accompanied by his aide, Capt. M. B. Coker, General Ford explained his visit as routine, saying he wanted to "get a first-hand view of operations."

General Ford made a brief tour of Load Line One and Two, the cartridge case renovation operation in the Ammonium Nitrate Line and other service facilities in the Arsenal.

During a luncheon meeting with Paul Borda, General Manager of Ravenna Arsenal, Inc.; Col. Charles K. Allen, Commanding Officer, and members of their staff, General Ford reviewed the "magnitude" of the Ordnance Corps' part in the defense program.

Major Watts was assigned to the Arsenal in March of this year after a 41-month tour of duty in Germany as an Ordnance Operations Officer and Adjutant.

A native of Fort Worth, Texas, he has served 12 years in the Army, including World War II service in Europe and at Third Army headquarters in the U. S. The Arsenal's Executive Officer began his Army career on December 15, 1940 as an enlisted infantryman with the 2nd Division. On December 18, 1942 he was commissioned a Second Lieutenant in Ordnance.

During World War II, Major Watts was the first Ordnance ammunition officer in the invasion landings on Utah Beach, France. Among his service ribbons are the Army Commendation ribbon and the French Croix de Guerre. He also has three battle stars and the invasion arrow head on his European Theater of Operation ribbon.

While here, Captain Healy served as Intelligence Officer and Signal Officer in addition to the Provost Marshal assignment.

From a relatively small organization, it has expanded within one

Don't Be A Turnip!



Arsenal Musician Writes New Song

The Ammunition Inspection branch now has a song writer in its group. He is Junior Luncford, a resident of Warren and an Arsenal employee for the past 11 years.

Mr. Luncford's song is entitled "Your Name" and has been recorded by Victor Arno's orchestra with vocals by Larry Stevens. Several radio disc jockey programs in Youngstown, Warren and Akron have been playing the new song.

He plays saxophone in Joe McRae's orchestra on weekends and says music is his main hobby. His brother was the late Jimmy Luncford.

Stop wishing and start thinking for some of that extra cash for vacations, new clothes, fishing tackle, new shotgun, or any other items you may want. Do it with a suggestion and get dollars for sense!

The Priceless Gift-Life Itself

Recently a modern railway streamliner went berserk and tore into the concourse of the Union Station in Washington, D. C. An hour later and a mile away, in the same city, fire and explosion wrecked a large business establishment. The two accidents rapidly overwhelmed already heavily taxed hospital facilities. Victims of both catastrophes needed blood and needed it in a hurry. Immediately after the news of the two disasters hit the radio and newspapers, blood donors streamed by the dozens into the local blood collection center. Our people will always respond promptly when they see a need.

But why must we depend upon catastrophic accidents to point up the need? Will we wait until we hear the drone of enemy planes to collect the blood needed for a city razed by atomic explosion?

Adequate supplies of blood and blood plasma have cut the death rate of our Korean wounded to half that of the wounded in World War II. Children by the thousands have been spared lifetime handicaps resulting from measles because they were given injections of immune serum globulin produced from surplus wartime blood plasma. There is high hope that this same blood serum may spare children the crippling effects of polio. In this blood factor, we find a weapon to control infectious jaundice. And the story of the miracle of blood therapy could be expanded on and on.

Entirely aside from the daily dramatic demands for blood that hit the headlines and news broadcasts, there are other significant facts which every able-bodied American should remember. Every minute eighteen of our citizens are injured in accidents. Many of them need blood and need it promptly. There is no time to waste hunting down donors.

Blood has become a major weapon in our arsenal of death fighters. It is a weapon which cannot be fabricated, cannot be mined, cannot be made from synthetic materials. It must come from healthy people of good will.

The donor today may be the recipient tomorrow. Each of us must adopt the habit of giving blood as one of the obligations of good citizenship. Only by facing up to this obligation can we procure the hundreds of thousands of pints of blood essential to our national welfare... essential in peace, in war or in defense preparedness.

The Cleveland district Red Cross Bloodmobile will make its tenth visit to the Ravenna Arsenal on June 25. Make your reservation NOW to give your pint of blood.

ORDNANCE AMMUNITION CENTER

U. S. Army
Joliet Illinois

1 June 1953

Mr. Paul Borda
General Manager
Ravenna Arsenal, Inc.

Dear Mr. Borda:

In a recent letter I asked for the cooperation of your organization in an effort to obtain maximum employee participation in the Payroll Savings Plan for the purchase of U. S. Defense Bonds. I have just had an opportunity to read the 15 May 1953 issue of the "Ravenna Arsenal News," in which I note that your campaign along this line has actually doubled the percentage of employees participating and, further, that the campaign is "still rolling."

At this time I wish to congratulate your personnel who are participating in and consequently benefiting from this systematic method of saving for future needs and helping our country. Also, I wish to express my appreciation to you and your staff, right on down the line, who have been instrumental in the progress already made.

Such wholehearted response is, indeed, gratifying. If this office can be of any assistance in the future on this matter, please call on us.

W. E. LAIDLAW
Brigadier General, USA
Commanding

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Micevich, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, June Hummer, Frances Gagliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura.



Remember — only you can
PREVENT FOREST FIRES!

DEPARTMENT OF THE ARMY
Office Of The Chief Of Ordnance
Washington 25, D.C.

28 May, 1953

SUBJECT: Award of Honor for Distinguished Service to Safety.
TO: Commanding Officers, All Ordnance Installations and Activities.

It is with a great deal of pride and satisfaction that I have received the news that the Ordnance Corps is to be presented with the National Safety Council's Award of Honor for Distinguished Service to Safety for our safety program and its achievements in the calendar year 1952. This is the highest safety award and it is the second consecutive year that the Ordnance Corps has won it. In addition, twelve of our installations and activities have been singled out for individual safety awards.

My satisfaction comes not only from accepting, for the Ordnance Corps, the National Safety Council's highest award, but also from the knowledge that my desire for a good over-all Ordnance Safety program has been so well followed by all personnel at Ordnance installations and activities that we have achieved national recognition.

The strict qualification standards for safety awards are outlined in AR 385-220. The Ordnance Corps has met these strict qualifications. It has also bettered the Department of the Army average for seven of the eight comparative frequency rates of accident, injury and fatality. The one exception occurred in the civilian personnel fatality rate where the Department of the Army average was 25 per cent lower than the Ordnance record. The Ordnance Corps has a greater problem in safety than most services because it is, in many of its installations, dealing with explosives where an incident which would normally result in a simple injury may become a major accident involving several fatalities.

I am encouraged with the knowledge that in our excellent 1952 record we have laid the groundwork for working conditions which will be safer still in the years to come.

E. L. FORD
Major General, USA
Chief of Ordnance

Arsenal Telephone Tips

The Ravenna Arsenal Telephone Exchange, realizing the importance of good telephone habits, is constantly working to help users improve their telephone contacts. The Company has issued the following suggestions that win a pleasant response and save time and effort.

THE SPEECH . . . clear and distinct—free from disturbing mannerisms. Use a friendly tone of voice.

SHOW COURTESY . . . that goes beyond minimum acceptable standards of business etiquette. Use sincere good manners. Be alert to all opportunities to be genuinely helpful.

DEVELOP UNDERSTANDING . . . by putting yourself in the other person's place. Make sure his request and point of view are fully understood.

MAKE EXPLANATIONS . . . complete and accurate. Give them confidently and so clearly as to insure ease of understanding.

DISPLAY . . . an interested and helpful manner to inspire confidence and to give every conversation that "personal" touch.

BE PREPARED . . . Organize for your telephone work. Have pad and pencil handy.

ANSWER CALLS PROMPTLY . . . Give immediate attention to caller. Identify yourself adequately.

COOPERATE . . . with fellow-workers. Take calls for others in their absence. Advise person answering telephone of your whereabouts, and arrange to have your calls answered when you are away from the office.

RECORD INFORMATION ACCURATELY . . . Write complete message. Verify important details.

EXPLAIN DELAYS . . . When leaving the line to obtain information; when transferring a caller to another extension.

PLACE CALLS CORRECTLY . . . Use directories to be sure of number. Be ready to talk when called person answers.

END CALLS COURTEOUSLY . . . Say "Goodbye" when you are certain the conversation is over. Replace telephone gently. Wait a few seconds before making another call.

Arsenalites In
The Armed Forces

Pvt. Thomas Pardee, formerly of Load Line Two X-ray department, has completed his Marine Corps boot training at Paris Island. He recently spent a furlough at home in Windham.

In a letter received from A-2c William L. Ayers, he expressed his thanks to the Arsenal Guard Force for their friendly and helpful service in locating his Arsenal friends while home on a 24-hour leave. Airman Ayers, who worked in Department 71, Line Two, is now in the Air Police at Luke Air Force Base. He also said he appreciates receiving the Arsenal NEWS. His address is Box 79, 3600th A.P. Sqdn., Luke AFB, Glendale, Ariz.

A change in address has been received from Thomas J. Fitzsimmons 572-12-61, USS Zeal, c/o Postmaster, San Francisco, Calif.

Arsenalites recently entering the Armed Forces were: Ken C. Thompson, Lake Milton, Department 66; Oval Badgett, Diamond, Department 76; Duane E. Burns, Apco, Department 195; James N. Henry, Canton, Department 194; Calvin C. Jett, Diamond, Department 76; Robert L. Onstott, North Jackson, Department 32; Dale L. West, Smithfield, Department 76. Also, Robert D. Brand, Kent, Department 194; Ivan K. Burketh, Ravenna, Department 64; Harry L. Merckle, Ravenna, Department 190; Clairborne C. Ross, Kent, Department 194; Maurice C. Williams, Youngstown, Department 66.

Weddings

SPENCER-BUCHANAN
The forthcoming marriage of Doris May Spencer, daughter of Mr. and Mrs. Hubert Spencer of Palmyra, to Wilfred E. Buchanan, son of Mr. and Mrs. Wilson Buchanan of Edinburg, has been announced. The open church wedding will take place June 28 at the Palmyra Community church at 8:30 p.m.
Miss Spencer is a 1952 graduate of Southeast high school and is employed as a clerk-typist by the Universal Sewer Pipe Company.
Mr. Buchanan was graduated from the same school with the class of 1951 and is attending Kent State university. He is presently working in the RAI Inspection department.

SMITH-FRANCIS
The Kent Methodist church will be the scene of the ceremony that will unite Betty Smith and Glenn Francis in matrimony on June 20.
Miss Smith is the daughter of Mr. and Mrs. Harley Smith of Kent, and Glen Francis is the son of Mr. and Mrs. John Francis of R. D. 1, Deerfield.

The bride-to-be is presently employed by the Ohio Bell Telephone Company. Mr. Francis is employed on Load Line One in Department 66. The newlyweds will motor to Canada for their honeymoon trip.

McNUTT-KRAMER
Guard Matron Evelyn Stone of Warren has announced the forthcoming marriage of her son, Master Sergeant Russel T. Kramer, USMC, to Miss Jane E. McNutt of Boston, Mass. The wedding will take place June 19 in Boston.



There goes old George. . . he's heard there's a gold mine in "E" Bonds through Payroll Savings!

News In Brief

Depot Area

The Memorial Day weekend found many Depot employees and their families motoring to several states. Earl Stonestreet and family motored to Sutton, W. Va., and the Paul Gillispie's accompanied by Mr. and Mrs. Randall Mick, visited relatives in Burnsville, W. Va. . . . Mrs. June Griffin from 2-B-6 enjoyed a reunion with her brother from Lafayette, Ind. at the home of another brother in Warren over the holiday. Her brother from Indiana is an assistant professor at Purdue university. . . . Mrs. Betty Barr and family went to Wheeling, W. Va.; Phillip Gerwig and his son motored to Charleston and Gassoway, W. Va.; and Mrs. Rosetta Duncan visited friends in Meadville, Pa. . . . Mrs. Rose Belknap entertained her mother from Gassoway, W. Va., over the holiday.

Donald Thompson, Department 194, is now recuperating at home in Newton Falls after undergoing surgery. . . . Also on the sick list recently were Chauffeurette Wilma Bowers' son, David, who underwent surgery for blood poisoning; Betty Everhart was hospitalized; Santos Garro of 1W-1 underwent minor surgery. . . . Our sympathy Mrs. Hazel Walker of 1-B-6 upon the death of her brother.

Vacations are in full swing in the Depot. Julius Varga of U-8 spent his vacation fishing in the lake regions above Sault St. Marie, Canada. Cora Bents vacationed in Chambersburg, Pa., and the Keystone state was also part of Joe Brannick's vacation itinerary. . . . Ernest Sanderson spent his leisure time sightseeing in Toledo, Zanesville and other Buckeye localities. . . . Other vacationers were Louis Rokofsky, ammunition handler; Frank and Eleanor Valenti from U-4 and 2-B-6; and Mrs. Beulah Stewart of 2-B-6.

Other late vacationers were John Hank, who returned with a nice coat of tan; Norman Miller of U-8, who motored to Norfolk, Va., with his family; and Gary Powelson, who went sightseeing in Columbus and Canada.

Congratulations to Mr. and Mrs. Paul Gillispie on their 37th wedding anniversary. They have two children, a son and daughter, and five grandchildren. Their son, Dale, is a Depot munitions foreman. . . . Pvt. Samuel Cobb, son of Mrs. George Cobb of 1-B-6, recently spent a furlough at home in Alliance. Pvt. Cobb is serving with the Army Engineer Corps. . . . Justine McKown from Hubbard, also had her son, Dale, who is in the Navy, home for 10 days.

Recent vacationers from Department 192 were Dorothy Franklin and Martin Hicks. Dorothy spent her vacation at home and Martin visited his father in West Virginia. Also Ernest Cooper, Winston Mason, Wilbur Black and Tom Prissell. Tom and Winston spent their vacation at home and Wilbur went to Tennessee. . . . Katie Jackson, who has been absent from work for some time, recently underwent surgery and is now convalescing at home. . . . Others on the sick list are Abe Goldman and Adolph Cruikshank. . . . Office personnel in U-14 are quite happy with their larger quarters in the south end of the building.

Load Line One

M. K. Skipper and family have returned from a motor trip to Key West, Fla., where they spent two weeks basking in the sun. . . . A ranch in Wyola, Mont., was the vacation site chosen by the Paul Bognar family. While out West they stayed with Mrs. Bognar's parents. . . . Putting around his 85 acre farm in Champion was Bill Collins' idea of an enjoyable as well as profitable way to spend his vacation. . . . Get well wishes are sent to Edna Bare, Department 66, who recently underwent minor surgery at Trumbull Memorial hospital. . . . Our deepest sympathy is extended to Harvey Pendleton on the recent death of his daughter, Gwendolyn. . . . Friends of Jim Cilio will be happy to hear that he is recuperating very nicely from injuries received in an automobile accident. Jim wishes to thank everyone for their kind deeds during his confinement. We are glad to have Pauline Reagan back on the job after recovering from injuries received in the same accident. Get well wishes are extended to Marion Bogus, Department 66, who has been on the sick list.

Production Offices

Sally Lou Provenzo is the new clerk-typist in Production Planning. Sal is a Ravenna resident and a 1953 high school graduate. She also plans to further her education at business college in the near future. Production Planning employees recently held a lunch-time party in honor of Alois Eslinger's approaching marriage. Alois received a toaster from her co-workers. . . . The girls from Field Service Stock Control recently enjoyed a get-together at the home of Katie Riccardi. The party especially honored Margaret Parker, but Thelma McNamara, brought a cake to celebrate her own birthday anniversary. The guests spent the evening viewing colored slides, which were photographed in Europe by Katie's sister, visiting and enjoying refreshments. . . . Myra L. Wanner, who formerly worked for C. J. Burns in Railroad Maintenance, has transferred to the Traffic department. . . . Jeanne LeMasters, Traffic, vacationed with relatives in Pennsylvania.

Ordnance Staff

Borden H. Horne, ammunition inspector, transferred to Anniston, (Ala.) Ordnance Depot on June 8 for a refresher course prior to his assignment on Okinawa. Mr. Horne's new assignment permits a reunion with his family which resides near the Anniston installation. . . . Bert Eilers, Surveillance, is enjoying a three-week vacation at his home in Texarkana, Texas. . . . Mary A. Szabo, Office Services, was feted on her birthday, June 10, with a cake and gift. . . . Mary McIlilo, Operations, and husband "Kelly", home on leave from the Air Force, recently spent a few days in Canada. . . . Harold Gepper, Management office, spent several days in Cleveland with his National Guard unit assisting in relief work in tornado stricken areas. . . . Estella Pavlick, Personnel, has returned from a week of relaxing at home. . . . Starting an unusual and pleasant vacation is Simpson Proctor, Personnel, who is driving his family to Quebec where his daughter Patricia will sail for England as an exchange student. Pat was valedictorian of her high school class and is currently studying at Kent State university. This opportunity adds to the numerous scholarships and awards she has received for outstanding scholastic work.

Nationwide Food Service

Anna Kleindenst, Main Cafeteria, spent her vacation visiting relatives and friends in Tamaqua, Barnesville and Locust Valley, Pa. She also attended graduation exercises at Penn State college. . . . Several of the Cafeteria girls and the manager and his family helped Mrs. Dessie Swecker celebrate her birthday anniversary. She received gifts and a luncheon was served. . . . A surprise luncheon was also held for Mr. and Mrs. Archie Graham on their 36th wedding anniversary, June 2. They received several gifts. . . . Janet Williams, Louise Burns, Audrey Arbogast are the new members of the Cafeteria force. . . . Get well wishes are extended to Murray Dickey's son, Pete, who recently had his tonsils removed.

A Child's Prayer

Daddy, if you know we're hungry, know our lives are ever cursed, it must break your heart in Heaven, because you slighted Safety First.

Mother wonders why you didn't save the life you threw away, but you thought there was no use, in doing things the Safety way.

You were taken without warning, leaving us to fight alone. You'd have been a bit more careful, daddy, if you'd have only known.

It wasn't that you didn't love us. I recall how dear you were; but your little girl must suffer because you failed to think of her.

Mother just can't make a living, she is wearing out, she said, And the compensation payments do not help us get ahead.

When she's gone, I guess they'll take me to a place of charity to be clothed and fed; but, daddy, it can never be home to me.

Mary's daddy believes in Safety and their home will still be theirs. They're not hungry, and sometimes Mary gives me castoff clothes she wears.

They don't have to take in washing and Mary's mother doesn't cry, for her daddy believes in Safety. But you didn't, daddy — Why?

Personnel Building

Estelle Kenney is back at work after vacationing two weeks in Florida, with her sister, Carol, from Payroll. . . . George Hoagland recently spent a week's vacation at home. . . . Get well wishes are extended to Gladys Caughran, who recently underwent surgery and is now recuperating at home.

Percussion Element Line

Our bowling team, "The Elements", enjoyed a dinner-party on June 12. . . . June Marshall and Marion Holesko have returned to work after several weeks leave of absence. . . . Get well wishes are extended to Howard McLaughlin's wife, who is recuperating after undergoing minor surgery. . . . Our pet deer, that roamed the area inside the P. E. Line fence, was found dead on June 8. It got its head caught in the fence and died of a broken neck. . . . Congratulations to Mr. and Mrs. R. E. Hammond on their second wedding anniversary. Mrs. Hammond is a clerk-typist in the line office and her husband works in the George Road Machine shop.

P. E. & I. Division

New employees in the P. E. & I. Division are: Robert L. Wright, chemist analyst from Kent; James F. Myers, specification engineer, from Warren; and Edwina Morsch, clerk-typist in Quality Control, from Newton Falls. . . . New department inspectors are: Lester C. Heck, Newton Falls; Raymond J. Miller, Leavittsburg; James E. Jarvis, Canton; Wallace A. Douglas, Windham; Joe McCormick, Akron; William T. College, Atwater; John C. Flitcraft, Windham, and Francis H. Hildebrand, Mantua.

Artillery Primer Line

Mr. and Mrs. Clyde Drake of Windham spent a very quiet and restful vacation at home. . . . Mr. and Mrs. O. C. Gordon and family spent Memorial Day weekend in West Virginia visiting friends. . . . Mr. and Mrs. James Wright of Miami, Fla. spent two weeks visiting his mother, Mrs. Irene Wright, in Newton Falls. . . . Mr. Eddie Tasker spent his vacation working on his new home. . . . Pvt. Robert Simpson recently visited his mother, Mrs. Gladys Simpson. He is stationed at Camp Atterbury, Ind. . . . Mr. and Mrs. Joseph Storick spent their vacation visiting relatives in Atlanta, Ga., and touring the Rocky and Smoky mountains. . . . Helen Jackson of Newton Falls, entertained her brother, Cpl. George Johnson, over the Memorial Day weekend. . . . Congratulations to Mr. and Mrs. Joseph Smith who will celebrate their 11th wedding anniversary on June 20. . . . Our new office girl is Mrs. Norma Harvey of Newton Falls.

Engagements

TUTOKI-BENICH
The engagement of two Arsenal employees, Elaine Tutoki and John Benich, has been announced by Mr. and Mrs. George Tutoki of Warren, parents of the bride-elect.

Both Arsenalites work in the General Stores department in Building 809. Miss Tutoki is a clerk-typist in the office and Mr. Benich is a stores attendant.

Mr. Benich is the son of Mr. and Mrs. Stanley Benich of Newton Falls. The couple are planning a fall wedding.

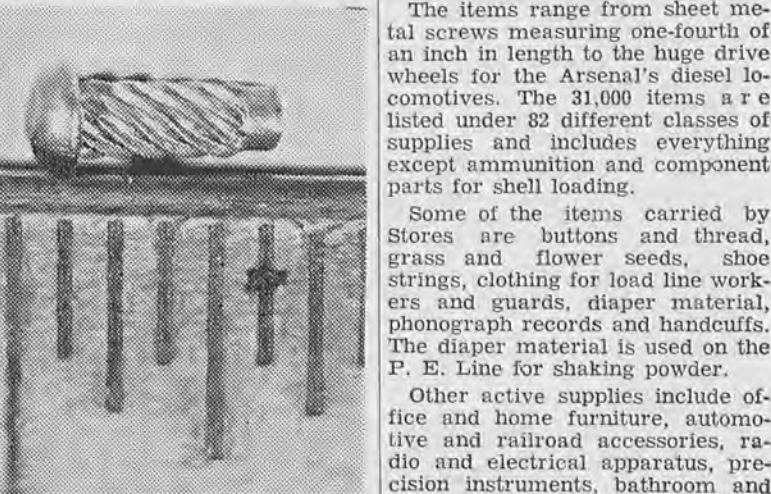
Castle or Death Trap?

A man's home is his castle (or death trap). Statistically speaking, the home is a booby-trap. In 1952 accidents in the home brought death to 28,000 Americans.

In one out of every five households someone has suffered a disabling accident. Accidents now kill six times as many Americans in their late teens and twenties as heart disease, the next big killer. Employees should take advantage of the Arsenal safety training program and put these safety practices to use in their homes. An employee's home should be a sanctuary for him and his family.

Arsenal 'General Store'
Stocks Over 40,000 Items

Just like the country general store, the Arsenal's Stores department has everything from needles to washing machines. However, instead of only 1,001 items, our "general store" carries over 31,000 active items.



SMALLEST item carried in the Arsenal's "general store" is the sheet metal screw above, measuring only one-fourth of an inch long.

Some of the items carried by Stores are buttons and thread, grass and flower seeds, shoe strings, clothing for load line workers and guards, diaper material, phonograph records and handcuffs. The diaper material is used on the P. E. Line for shaking powder.

Other active supplies include office and home furniture, automotive and railroad accessories, radio and electrical apparatus, precision instruments, bathroom and toilet fixtures, paint, hospital and laboratory apparatus, building material, books and periodicals, flags, tableware, kitchen and bakeshop apparatus, gasoline, fuel oil, coal, slag, sand and many other items too numerous to list.

An additional 9,000 items are listed as excess supplies that have accumulated at the Arsenal over the past 12 years. Among these items are horse blankets, feed bags for horses, two row boats, an outboard motor and white ball bearers' gloves.

These supplies are stored in warehouses located in the Depot, George Road Shops area, railroad yard area and along South Service Road in the vicinity of Building 809, which is the warehouse headquarters.

Sports Quiz
Answers

1. Hank Sauer of the Chicago Cubs.
2. Arcaro's win on Hill Gail was his fifth Derby victory. It was also Calumet Farm's fifth and Trainer Ben Jones' sixth — all records for the classic.
3. True. Counting qualifying heats and finals, the amazing Czech ran well over 40 miles to win the 5000 meters, 10,000 meters and marathon in the 1952 Olympics.
4. Ice hockey is generally regarded as the fastest sport.
5. The Olympic Game basketball championships which began in 1936 are the oldest. The National Invitation Tournament was first held in 1938, the NCAA in 1939.

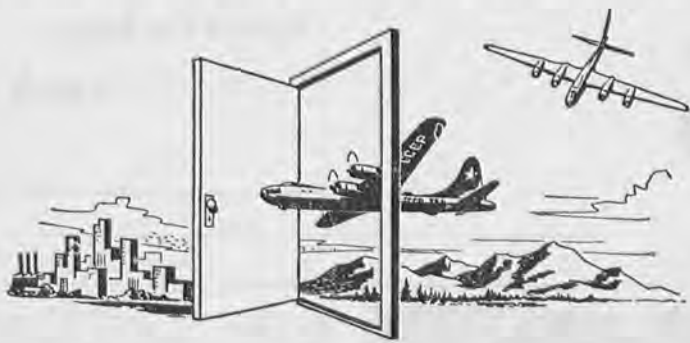
New Tank Fires Arsenal-loaded 90's



HIGH EXPLOSIVE 90mm projectiles loaded at Ravenna Arsenal are fired from the Army's newest medium tank, the Patton 48. Besides the 90mm high-velocity gun, the new tank is also equipped with two 50-caliber machine guns and one 30-caliber gun. The sloping, elliptical sides of the Patton 48 make it extremely difficult for enemy anti-tank shells to get a "bite" and plow through the armor. The vehicle weighs between 45 and 50 tons and is the first tank ever cast in one piece. Its hull-turret combination gives maximum protection for the four-man crew. Cross drive and power steering enable the 810-horsepower Patton to handle as easily as a new automobile.

—Defense Dept.

Notice To The Kremlin:



The Back Door Is Open!

The following editorial from "The New York Times" tells a grim story which every citizen of this area should know...and should act on now!

Operation Skywatch

New York "Operation Skywatch", which has been manned twenty-four hours a day since it was begun, may soon be forced to curtail its operations unless more of our citizens heed the call for volunteers for the Ground Observer Corps. The situation is worse in many other parts of the country, although the Air Force has warned that Russia-based bombers could bore in under the 5,000-foot floor of effective radar screening to carry a sneak air attack within our borders.

If the masters of the Kremlin have indeed made plans for such an attack they must take comfort in the indifference of the American public to the warnings of its appointed experts. Hostile bombers must be tracked in their progress if they are to be effectively intercepted. Without an adequate network of aircraft-spotter stations an enemy air penetration would be as difficult to intercept as a mosquito in a dark room.

At an emergency meeting last week civil-defense officials reported that around-the-clock vigilance was maintained only because a few unselfish persons in the present roster of volunteer aircraft spotters have accepted weekly tours of duty four times as long as they had signed up for. Nine hundred skywatchers are needed to staff the city's three spotter stations; only a third of the necessary number has volunteered. In a message to the meeting, Mayor Impellitteri expressed his alarm and astonishment that so few of the city's eight million residents had responded to the call. Col. Harley Sother, civil defense director of the Eastern Air Defense Force, told the meeting that a failure of "Skywatch" would be like posting a notice to thieves that all doors were guarded except the back door.

One thing is certain: If an enemy attack should occur there would be plenty of volunteers among the survivors. It is almost as likely that there would be more survivors if enough spotters were on duty beforehand to guide the interceptor planes to the attackers.



Volunteers are needed urgently. Contact your nearest Civil Defense Corps or write to:

Ground Observer Corps,
U.S. Air Force, Washington 25, D.C.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Lella Higgins, Fred Benbow, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Miscevic, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, June Hummer, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jane Bussan.

Weddings

HOLMES-CAMPBELL

Wedding bells rang at the Bethel Temple church on June 13 for Alberta Campbell and Herman Holmes, both Arsenal employees. The new Mrs. Holmes is the daughter of Mr. and Mrs. Pete Campbell of Akron. She has been an Arsenal employee for 16 months and is presently working on the A. N. Line.

Mr. Holmes is the son of Mr. and Mrs. Hugh Holmes, also of Akron. He has been a Load Line Two employee for the past two years. The new couple have taken up housekeeping in Suffield.

WRIGHT-OSGOOD

The Methodist church in McDonald, O., was the scene of the wedding of Joann Osgood and Robert L. Wright on June 20. A reception was held in the church parlor immediately after the ceremony.

Mr. Wright is a graduate of Kent State University and is employed in the Control Lab. Mrs. Wright was formerly a KSU student. The newlyweds are now residing at 134 University Dr., Kent.

Two New 'Gallon Club' Members



TWO NEW MEMBERS of the Arsenal's Gallon Club hold their eighth pint of blood, given during the 10th visit of the Red Cross bloodmobile. They are Ray Braden (left), George Road Tin shop, and Jack Streeter, Roads and Grounds.

Ammunition Production One Of Nation's Safest Industries

Ravenna Arsenal and 21 other principal ammunition plants throughout the country have reached second place on the safety list of major industries according to statistics of the National Safety Council and the Ordnance Ammunition Center in Joliet, Ill.

In 1952, working in one of the Army's 22 ammunition plants was only one-fourth as hazardous as working in the average American industrial factory.

Actually, the one hundred thousand workers in these ammunition factories are only one-third as likely to be injured on their jobs as they are in their automobiles. They are only one-fifth as likely to be killed as they would be if they were farm workers.

Of all the major industries whose accident experience is tabulated by the National Safety Council, only one — the communications industry — has a lower accident-frequency rate than the 22 installations under the jurisdiction of the Ordnance Ammunition Center.

About 75 thousand workers were employed at these installations last year, and only six workers lost their lives in accidents attributable to explosives. Three other fatalities occurred, but these were in "industrial accidents" that could have happened in any kind of plant.

Lost-time injuries — ranging from one-day cases to permanent impairments — were incurred by 311 other workers in the 22 ammunition plants last year. Of the 311 accidents, however, only 21 were connected with explosives, and the remaining 290 happened in common industrial accidents (such as a worker dropping a package on his foot, or cutting his finger, or falling).

The accident-frequency rate in the ammunition industry has been decreasing steadily in the past seven years. In 1946, 6.7 lost-time injuries occurred for every million man-hours worked. By 1951, that had dropped to 2.5, and in 1952 the rate was only 2.1 injuries per million man-hours.

In 1951 the 38,000 employees in the 22 ammunition plants worked a total of 76 million man-hours and suffered 191 injuries, including six fatalities. In 1952, the number of workers increased to 75,000 and the man-hours worked to 153 million, but the injuries (including the nine fatalities) increased to only 320.

The safety of the ammunition industry can be illustrated by assuming that one of these plants employed 7,200 workers in 1952 and that this particular plant was "average", among the 22, from a safety standpoint. This would mean, then, that of the 7,200 workers, only 31 would incur lost-time injuries, and one of these would be a fatality. If this were an average industrial plant, 125 workers would have had lost-time injuries.

How has this safety record been accomplished? General Laid-

Arsenalites In The Armed Forces

Former Control Lab employee Robert W. Cook is now stationed at Camp Breckenridge. His new address is: Pvt. Robert W. Cook, US 52264988, Co. F., 502nd Abn. Inf. Regt., 101st Abn. Div., Camp Breckenridge, Ky.

Arsenalites recently entering the Armed Forces are: David Parker, Akron, Department 194; James D. Stemple, Newton Falls, Department 194; Joseph Riddle, Windham, Paymaster's office; Larry F. Bonham, Ravenna, Department 61.

Firestone Sets New World Safety Record

The Firestone Tire & Rubber Company has set a new world safety record for the rubber manufacturing industry, according to J. E. Trainer, Vice-President in Charge of Production, and Ned Dearborn, President of the National Safety Council.

A new record of 6,437,375 accident-free hours, set by Firestone's Plant Two in Akron, surpasses the previous record for rubber manufacturing plants set in 1947 by the Dominion Rubber Company, Ltd., St. Jerome Factory, Montreal, Canada. The Canadian factory's record was 6,411,303 hours.

The safety record of Firestone employees in all plants throughout the world is the best in the industry and has earned for the Company the Award of Honor of the National Safety Council in seven of the last eight years.

THE RECORD reached by Firestone Plant Two gives the Company the record not only for tire plants, but for all rubber manufacturing plants in the world.

In a telegram to Mr. Harv Firestone, Jr., Chairman of the Board of the National Safety Council, said:

"It is my pleasure to notify you that our records show that The Firestone Tire & Rubber Company has established a new world safety record for the rubber manufacturing industry. Plant Two of the Firestone Company, employing approximately 3,000, has worked more than 6,437,375 man-hours without a single lost-time accident.

"This surpassed the previous safety record in the rubber industry and surpassed the record last year in the tire industry by more than one million man-hours. The fact that previous tire industry safety records were held successively by the Akron plants, Memphis and Des Moines plants of the Firestone Company is further tribute to the excellent safety program being carried out by the management and employees of Firestone.

News In Brief

Comptroller's Division

A family reunion highlighted Lila Williams' two-week vacation. This was the first time that Lila, her four brothers, two sisters and her parents have been together in 10 years. The reunion took place at her parent's home in Tucson, Ariz....Payroll has added Robert Crutcher of Akron to their staff as time-keeper in the Depot area. Bob is the son of E. V. Crutcher, Comptroller....The new girls in the Steno Pool are Marilyn Jennings and Joan England. Miss Jennings resides in Newton Falls and recently completed a two-year course in secretarial science at Otterbein college. Mrs. England hails from Windham, is married and the mother of two boys and a girl....Down Financial Accounting way we have Bruce Zimmerman from Akron, who is working as a voucher clerk....Helen Janacek, Stationery Stores, is enjoying a tour of the West and Canadian Rockies....Doris Powell spent her vacation relaxing at home.

Depot Area

Canadian fishing attracted Dominic Mancini, munitions foreman, and William Herron and son, Bob, both of U-14 during their vacations. Henry Locke spent his time at home taking care of the garden and other domestic pursuits....Glen Taylor, Bolton Barn, also enjoyed an outdoor vacation....James Craft, Planning, and his wife and daughter motored to New Britain, Conn., to visit his son....Ben Bradley, F-15, enjoyed his "fishing vacation", in Michigan....Adolph Craikshank, janitor in U-14, has returned to work after a lengthy illness....Still on the sick list are Abe Goldman and Katie Jackson, both of Dunnage Reclamation....Other recent U-14 vacationers were Ruby Hayes, Henry Catlip, Paul and Creed Hardman, Van Dowdell, Elmer Welling, Ted Ramsey, John Hudock, Adrain Hawkins and Charlie Smith. Henry and Ted visited relatives in Tennessee; the Hardmans in West Virginia; Elmer in New Jersey; Charlie Smith in Alabama; and "Pappy" Hayes took it easy at home....In the recent Kent State University Rowboat Regatta, Vern Southworth, Department 194, won the fraternity trophy by a margin of 2.1 seconds over Tom Waddle of U-10.

Ordnance Staff

Lt. Col. Thomas H. Bradley spent a short visit with his wife in Joliet, Ill....June Burke, Operations, and husband enjoyed a week's vacation fishing in Canada....Mary Jane Jacobs, Adjutant's office, spent two weeks touring Canada and the New England States....Bernie Tubman, Fiscal, enjoyed a week's leave relaxing at home....C. R. Kennington, Administrative, spent a few days visiting with his son, Lt. Charles R., Jr., at the Norfolk, (Va.) Naval station....Lillian Petro, Administrative, enjoyed a week "basking in the sun" at Ocean City, Md....Harford P. Thum, Safety, is spending a 30-day vacation at Tacoma, Wash....Francis H. Hildebrand, formerly of Safety, has the "best wishes" of all for success in his new assignment with RAL.

Wishes for a complete and speedy recovery are extended to Harold E. Gray and Eugene Showers of Inspection, and Rhea Oswald of Payroll....Congratulations to John Bishop, Surveillance, on his promotion to First Lieutenant in the Army Reserve....Surveillance employees also had their share of vacationing in recent weeks. Delbert Eilers and family were glad to get back to "cool" Ohio after their stay in Texas. Temperatures ranged from 96 to 102 degrees....Roy Fugittie's wife and son, Jimmy, spent a vacation in Arkansas and Kansas City. After completing his two-week vacation, in Kansas City, Jimmy, 6, will return home alone by air....Estella Hustman, Signal, spent a pleasant weekend at Port Campbell, Ky., visiting her son and daughter-in-law and getting acquainted with her new grand-daughter....Agnes Marshall, Signal, attended Girls State in Columbus where she served as assistant in charge of publicity.

Nationwide Food Service

A bridal shower was given at the Main Cafeteria on June 10 in honor of Miss Flora Ball. A luncheon followed the presentation of the gifts....Helen Sands, P. E. Line Cafeteria, spent her vacation with her family at Keynote Lodge, Kipewa, Quebec. They enjoyed the fishing and the "bites" were plentiful, especially flies and mosquitoes. Ethel Bulvony enjoyed the surprise birthday party given at her home in Newton Falls. She received several nice gifts, and cake and ice cream were served....Pearl Packett, Line Two Cafeteria, vacationed in Parkersburg, W. Va., along with her daughter from Tampa, Fla....A luncheon birthday party was given June 17 for June Gump, Cafeteria office....New cafeteria employees are Emma Tackett, New Milford; Iris Frizer, Freedom; and Ann Barr, Apco.

P. E. & I. Division

Employee participation in the Payroll Savings Plan is climbing. Salary personnel in Specifications and the division manager's office have signed up 100 per cent. As soon as the remaining hourly employees have subscribed the entire department (P. E. & I.) will be recognized as "100 per-centers"....New employee in Statistical Quality Control is Richard O. Starbird from Akron....Our two new department inspectors are Francis Neitzelt, Line One, from Windham, and Paul Mooney, Line Three, from Youngstown.

Ammunition

All salary personnel have subscribed for Payroll Savings and as soon as the remaining hourly employees sign up, the entire department will be 100 per cent....John Humenik, Sr., and family spent a week in Canada fishing and sightseeing. They also visited Niagara Falls....Mr. and Mrs. W. W. Deaver and George Fox also spent their vacation in Canada....La Crosse, Wis., was the vacation destination of W. H. Bussan and his family. They visited relatives and friends and attended their daughter's graduation from nursing school....K. R. Smith enjoyed an Ohio vacation visiting relatives and friends in Columbus, Cincinnati and Zanesville.

Ammonium Nitrate Line

Grace Black is now recuperating at home after being hospitalized for two weeks. We wish her the best of health....Bill Huffman is back after a week's absence due to "mumps"....A big WELCOME is extended to our new employees: Mary Uglov, Leavittsburg; Gertrude Beal, Akron; Frank Enterline, Newton Falls; Arthur Wilkowski, Ravenna; and John Hopkins, Kent.

Control Lab

Arizona was the vacation site for Ben Hadley and his wife....Walt Gursky journeyed to Pennsylvania to spend a vacation with his family. Our new chemist analyst is Bob Wright, who recently graduated from Kent State university where he was a pre-med student....New lab technician is Douglas Underwood of Hiram. He attended Case Institute of Technology before coming here.

Scrap and Salvage

Theresa Hicks and husband Ralph, Railroad Operations, made an extended tour of the southern states during their vacation. Their son and Mrs. Hick's mother accompanied them as they drove through Kentucky, Tennessee, Alabama, Mississippi, Florida and Georgia. They did a lot of sightseeing and visited relatives....Mel Jagnow and family made Florida their vacation destination.

Meet Your Reporters

Covering Booster Lines One and Two, and Building G-19 on Load Line Four, for the Arsenal

NEWS is Bessie Hutcheson. A native of Charleston, she is now residing in Newton Falls. Bessie attended Kent Roosevelt High school and is married and has four children.

B. Hutcheson

She started working here for Ordnance in February 1951 and transferred to Ravenna Arsenal, Inc. in February 1952. For recreation Bessie enjoys dancing. Her husband, Robert, is a member of the Arsenal Guard Force.

Arsenal NEWS reporter for the Ammonium Nitrate Line is Leona Schinke. A native of Eaton, Ind., Leona has been in Ravenna for the past five years. She started working for Ravenna Arsenal, Inc. 16 months ago on Load Line Three.

This is her first experience as a reporter. She said her main "hobby" is keeping house for her 17-year-old son who is a junior at Ravenna high school.

Artillery Primer Line

The new employees on the line are William Davenport of Ravenna and Ray Hiner of Warren. Welcome!...Ed Lyman, Building 11, has returned to work after three weeks of illness....Jake Furbee, Ordnance Inspection, has been transferred from this line to Load Line Two....J. P. Band, Building 11, made a weekend trip to Woodsfield, O., due to illness in the family....Darlene Tennant and Gladys Spurlock spent their vacations together taking in the Cleveland Indians ball games and enjoying a picnic supper with Dutch Walton....A very relaxing "home" vacation was enjoyed by Helen Johnson....Joseph Riddle, son of Mrs. Lovie Gordon, who recently entered the Army, is now stationed at Camp Meade, Md....Jacqueline Seabrook and Elenor Brown recently attended a wedding in Cleveland.

Roads and Grounds

"Get Well" wishes are extended to Ruth Orwig, who has been absent due to illness. Ruth is a clerk-typist at the Old Atlas building....Employees at the Old Atlas building have been watching their new neighbors—three fawn who are making the area their permanent home....Among the Arsenal's old timers is R. Z. Plough, General Foreman of Roads and Grounds, who celebrated his 12th anniversary on July 1.

Engineering

Among the early vacationers were: John Kohlberg, who spent a week visiting in New York City....The Jack Taylors enjoyed two weeks at Virginia Beach....Dom Giovinnazzo spent a week at home painting his house....Cliff Fankhauser and Ralph Baynes also vacationed at home....Pat Ceglia used his leisure time to move into his new home in Ravenna....Andy Szabo and his wife Mary of Ordnance, spent a quiet week at home....Mr. and Mrs. Charles Parsons spent two weeks touring the South as far as the Florida Keys....Westward bound with Arizona as their destination were Charles "Chuck" Smith and his wife....Dick Wiseman, his wife and three children motored through the Smokey Mountain region....Ann Voll spent a few days in Dayton with her sister Kay....Greetings to the new Engineering employees: Ed Colclough, draftsman, from Warren; Diane Platt, clerk-typist, from Newton Falls; and Janet Kropp, cost and order clerk, from Newton Falls. Janet originally hails from Steubenville.

Percussion Element Line

Miami, Fla., was the vacation site for Susan Baker while Doris Gentle spent two weeks in Arizona....Eugene Hawkins was also an early season vacationer....Harry L. Shade, son of Mrs. Mae Murray, spent nine days at home while enroute to a port of embarkation. A former Line One employee, Harry graduated from school at Camp Breckenridge, Ky., on June 1. He expects to attend Ordnance school in Japan....Paul Shillion, husband of Agnes Shillion of P. E. 10, has been discharged from the Rehabilitation Center of Ohio State University hospital....The bowling spirit is being kept alive by P. E. Line employees Helen McCoy, Bertha Clark, Thelma Higgins, Rosemary Bayley, Dick Tullis and Pete Lynds. These kleglers are participating in the Arsenal Summer bowling league....Congratulations to Mr. and Mrs. E. C. Burk, who recently celebrated their 10th wedding anniversary...."Get Well" wishes are extended to Millicent Hilberry and Mildred Galonis.

Stores Stock Control

Rose Lynch spent a week's vacation relaxing at home....Myrtle Collier and her husband motored to Toronto, Canada, to visit relatives, and on their way home they stopped at Niagara Falls....Fay Holden also vacationed in Canada. She visited Ottawa and Peterboro, and on the way back, she stopped at Niagara Falls and Detroit....Mrs. Audrey Polglaze visited her daughter who is attending Anderson college in Anderson, Ind....Earl Amos spent Father's Day visiting his father in New Matamosas, O.

Laundry

Fred McClure has taken up Summer residence in a cottage on the little Cuyahoga river near Route 303. He says plenty of fish are available for his dinner table....After a sojourn in Florida, Gladys Morris returned looking fit and tanned. She took the trip to recuperate from a recent operation....Beulah McNamara is convalescing at her home in Warren after a trip to the hospital for treatment of a leg injury received at home....Elizabeth Jura spent a week's vacation repairing her house and getting three of her five sons ready to leave for Boy Scout Camp Chichagami near Parkman.

Employees Win \$395 For Top Suggestions

Twenty-nine winning suggestions have been approved for awards by the Ravenna Arsenal Suggestion board. The awards totaled \$395.

Top suggestor was J. A. Davis, an inspector in the P. E. and I. division. He received \$50. A resident of Ravenna, Mr. Davis' suggestion eliminated a large number of rejects in the percussion element loading operation on the P. E. Line.

Paul L. Walker, Maintenance department, from Phalanx Station, received \$35 for his winning idea. Two \$25 suggestion awards were won by S. J. Kramer, Mantua, Powerhouse Maintenance; and John B. Mathy, Jr., Garrettsville, P. E. Line.

The two \$15 awards were presented to Forest D. McClood, Ravenna, Line Maintenance; and J. E. Riech, Ravenna, Transportation; Sylvia S. Hinzman, Newton Falls, Department 65, Line One; Virginia Park, Warren, Scrap and Salvage; Margaret J. Galloway, Warren, A. P. Line; Gladys Daugherty, Warren, A. P. Line; and Arla Hoover, Ravenna, A. P. Line.

THE REMAINING employees, who received \$10 awards for their winning ideas, were: George E. Swartout, Ravenna, Gage Lab; Frank A. Visocan, Garrettsville, Machine shop; J. C. Oxley, Cuyahoga Falls, Blacksmith shop; Tom as a reporter. She said her main "hobby" is keeping house for her 17-year-old son who is a junior at Ravenna high school.

chine shop; Hugh A. Davison, Garrettsville, Line Maintenance; Cecil B. Wagner, Garrettsville, Powerhouse; Sawyer Kimes, Kent, Roads and Grounds; J. P. Bandi, Deerfield, A. P. Line; Howard Lee, Ravenna, Department 65, Line One; Claudia J. Chambers, Windham, Department 65; Joseph S. Surick, Windham, Transportation; and J. J. Laning, Garrettsville, Industrial Service-Component Stores.

Also, John B. Mathy, Jr., Garrettsville, P. E. Line; W. L. Singleton, Freedom, Department 73, Line Two; John W. Andrie, Atwater, Transportation; Frances M. Rahn, Ravenna, Transportation; Sylvia S. Hinzman, Newton Falls, Department 65, Line One; Virginia Park, Warren, Scrap and Salvage; Margaret J. Galloway, Warren, A. P. Line; Gladys Daugherty, Warren, A. P. Line; and Arla Hoover, Ravenna, A. P. Line.

Weddings

BURNETT-ESLINGER

Alois Eslinger and Eugene Burnett were united in marriage on June 11 in Warren, O., and left immediately for a honeymoon trip to Canada.

The new Mrs. Burnett works in Production Planning and is the daughter of Mr. and Mrs. J. F. Eslinger of RD 2, Ravenna. Mr. Burnett is the son of Mr. and Mrs. Steve Burnett of Warren.

McKEAGE-SOLE

Rev. Wilbur Knipe officiated at the wedding of Betty Sole and James McKeage at the Wayland Federated church on June 28. Following the ceremony, the couple left for a Canadian honeymoon. Mr. McKeage works for Roads and Grounds.

The new Mrs. McKeage is the daughter of Mr. Otis Sole of Garrettsville. Mr. McKeage's parents are deceased. Upon their return, the new couple will take up residence in Kent.

Don't Point A Loaded Driver At People!

Thirty-six people in the U. S. are injured in motor vehicle accidents for every serviceman wounded in battle in Korea, a leading insurance association recently stated. In less than an average man's lifetime the automobile has killed 1,075,000 persons while late statistics reveal only 1,009,000 deaths from all our wars.



Notice the look of contentment and peace in his face...that comes from buying U. S. Defense Bonds!"



"Notice the look of contentment and peace in his face...that comes from buying U. S. Defense Bonds!"



WHERE'S THE FOURTH? These Arsenal "morning" golfers need another linkster to make it a foursome as they play the Meadowview Golf course each Thursday morning at 10 a.m. The above Load Line One employees are, left to right: Ross Mackey, Jack Cordier and Dick Whyte. All Arsenal golfers, who work the midnight or afternoon shifts are invited to join the Thursday Morning Golf league. Interested golfers should call the Recreation office on Extension 8194.

Army Audit Adds Two More GI's To Office Force

Two more enlisted men have been added to the Army Audit Agency, bringing the total to eight EM assigned to the Arsenal. However, only three of the GI's actually work here.

The others are on temporary duty in Akron and Cleveland and report to the Arsenal once every two or three weeks.

Cpl. Art Kurtz, the first GI to be assigned to the agency, has been here one year. A native of Sandusky, he was drafted into the Army after graduating from Ohio State university. Corporal Kurtz was with the 5th Infantry Division at Indiantown Gap prior to coming here.

Recently transferred to the agency were SFC William Shultz and PFC James Breckenridge, who were doing military internal auditing at Fort Knox, Ky.

Sergeant Shultz entered the service with a Cleveland Field Artillery battery of the 37th Ohio National Guard Division. He had worked only four months in the Cleveland Chevrolet accounting department before going on active duty. He is a native of Lexington, Ky., a graduate of the University of Kentucky, is married and has a four-week-old son.

Private Breckenridge is single and a native of Indianapolis, Ind. He was drafted shortly after graduating from Indiana university in 1951. Before getting into Army auditing, he was in Anti-aircraft Artillery at Fort Bliss, Texas.

Dollars for sense — August 7

Volleyball, Badminton, Horse Shoes Available

Facilities for volleyball, badminton and horse shoes are now available behind the Recreation building. In case of rain, recreation facilities will be available inside the building.

Employees can obtain sports equipment at the Recreation building each weekday until 9:30 p. m., except Thursday, when the Recreation building closes at 4:30 p. m. Additional information about the Arsenal Recreation program can be had by dialing Extension 8194.

New Arrivals

CONGRATULATIONS to Mr. and Mrs. Herman Johnson on the birth of a boy, June 17. Mr. Johnson is a P. E. and I. inspector on Load Line Two.

Engagements

PRINGLE-MIKE

Engagement and approaching marriage of two Arsenal employees, Betty Lou Pringle and Lawrence Mike, has been announced by H. L. Pringle of Edinburg, father of the bride-to-be.

Miss Pringle is a stenographer in the Engineering division. Mr. Mike is a line planner on Load Line Two and the son of Mr. and Mrs. Merle Hillberry, also of Edinburg.

D'ALTORIO-RICCI

Mr. and Mrs. E. A. D'Altorio of Warren have announced the engagement of their daughter, Elmina, to Herbert Ricci. He is the son of Mr. and Mrs. Dan Ricci, also of Warren. Miss D'Altorio is employed in the Engineering division and her fiancé is in the U. S. Navy at Norfolk, Va.

PLATT-HALL

Engagement of Miss Diane Platt to Donald Hall has been announced by her parents, Mrs. James L. Steele of Youngstown, and John H. Platt of Lake Milton. Diane is employed in the Engineering division. Mr. Hall is the son of Mr. and Mrs. Walter F. Hall of Newton Falls.

New Clinical Assistant For Arsenal Hospital

New clinical assistant at the Arsenal hospital is Howard M. Clinger, a native of Carey, O., and formerly with the Bone and Joint hospital in Oklahoma City.

Mr. Clinger took his pre-med work at Ohio State university and at Oklahoma university. He also attended several physio-therapy and X-ray schools and has done industrial first aid work for the past 18 years. During World War II he was in the Army Air Corps Medical Corps.

The new clinical assistant is now living at the Arsenal, is married and has two daughters. His hobbies are swimming and singing.

Dollars for sense — August 7

Arsenal Visitors

Recent Arsenal visitors were Major H. W. Hugo, K. H. Fields and O. C. Hines from the Ordnance Ammunition Center. The group made an audit of mobile equipment and small arms from June 22 to 26.

F. N. McNamara from the Armed Services Explosives Safety Board, Washington, D. C., visited the Arsenal from June 30 to July 2.

One-half Point Separates 1st, 2nd Place Comptroller Teams

One-half of a point separates the first and second place teams in the Comptroller's Golf league, Nick Tambures and Tom Hendricks lead with a 29-13 score while Ralph Bentz and Ed Crutcher trail with a 28 1/2-13 1/2 tally.

Bob Russell and George Russell are tied with Tom Rowbottom and Frank Mastromatteo for second place in the Arsenalites league. These two teams are also only one point behind the league leaders George Litun and Paul Bogner.

In Pine Tree league action, Pat Ceglia and John Mrofczak bumped Harry Sorenson and G. R. Sanders from their number two spot. Art Kurtz and Angelo Prezioso are still riding the Pine Tree crest with 36 1/2 wins and 5 1/2 defeats.

Jack Taylor and Arden Nelson battled their way from fifth place to third in the Dubbers league. The're only two points behind the league leaders Milt Stine and Chuck Hostetler. Second place Dubbers, Don Mullen and Wallace

George Road Nine, Comptroller's In Undefeated Lead

The George Road nine is still running wild in the Arsenal Monday Night Softball league with six straight victories. The Arsenalites are holding down the number two spot with a 3-2 tally.

Comptroller's are also leading the Tuesday night league with a 6-0 tally.

The Pleasant Valley A. C. holds a slim margin for second place with Roads and Grounds and the Street-Widger.

Wilson-Skipper and Weyrich-Grohe are tied for the number three spot.

Team standings as of July 3 are:

TEAM	W.	L.
George Road	6	0
Arsenalites	3	2
Bolton Barn	2	2
Material Insp.	2	3
P. E. Line	0	5

TUESDAY NIGHT	W.	L.
Comptroller's	5	0
Pleasant Valley	3	2
Roads and Grounds	3	3
Gear Grinders	3	3
Bldg. 808	1	4
Salvage	1	5

Dollars for sense — August 7

Three A. P. Line Employees Win Safety Cartoon Contest



ARTILLERY PRIMER LINE employees who took three of the seven awards presented to winners of the recent Safety Cartoon Contest receive their checks from E. P. Babington, Line Superintendent. Left to right: J. P. Bandi, Deerfield, received \$5 for second place; Earl Wilkinson, Sebring, won a \$1 award for runner-up; and Phil Larus, Ravenna, receives first prize of \$10 from Mr. Babington. Beverly Williams, a former A. P. Line clerk-typist, was also a runner-up award winner. Other runner-up winners were: Mary Lou Bogner, Apco, Industrial Relations office; Emory Stallard, Kent, Department 194; and G. T. Del Garbino, Kent, Department 190.

Smaley, are also two points out of first place.

In the Par Busters league, Pete Lynds and Ed Tekely are still way out in front with 40 wins and only 2 losses. Jack Ruble and Mike Garro are holding down the number two spot.

COMPOTROLLERS	W.	L.
Tambures-Hendricks	29	13
Bentz-Crutcher	28 1/2	13 1/2
Giovinnazzo-Seaholts	25 1/2	1
Wilkinson-Stearns	23 1/2	2
Merrill-Williams	23	25
Gleason-Helmkamp	20 1/2	21 1/2
Foss-Fox	19 1/2	22 1/2
Elliott-Lewis	10 1/2	37 1/2

DUBBERS	W.	L.
Stine-Hostetler	16	8
Mullen-Smalley	14	4
Taylor-Nelson	14	10
McDonald-Broderick	13 1/2	10 1/2
Wagoner-Babington	6 1/2	17 1/2
Hutzell-Garman	2	16

ARSENALITES	W.	L.
Litun-Bogner	17	7
B. Russell-G. Russell	16	8
Rowbottom-Mastromatteo	16	8
Ryal-Claybaugh	13	5
Garrard-Neikart	6	14

PAR BUSTERS	W.	L.
Lynds-Tekely	40	2
Rubble-Garro	27	15
Spencer-Taylor	19 1/2	22 1/2
Merrill-Ruben	15 1/2	26 1/2
Lemon-Lohr	15 1/2	26 1/2
Allen-Kebl	8 1/2	33 1/2

PINE TREE	W.	L.
Kurtz-Prezioso	36 1/2	5
Ceglia-Mrofczak	25	11
Sorenson-Sanders	23	19
Street-Widger	20	22
Wilson-Skipper	8	28
Weyrich-Grohe	7 1/2	34 1/2

Dollars for sense — August 7

Space Heating Goes 100% For 'E' Bonds

Space Heating is the latest Arsenal department to go 100 per cent for the purchase of "E" Bonds through the Company's Payroll Savings Plan. This brings the total to 20 departments.

POSTMASTER: If undelivered at the address given, notify sender, stating reason for return. Return to: J. E. TRAINER, 116 BOX 116, LAKESIDE, OHIO. POSTAGE GUARANTEED, RAVENNA ARSENAL, INC., P. O. BOX 88, APO, OHIO.

MILBERTA E. JENNINGS
BOX 116
LAKESIDE, OHIO

Sec. 34-56, P. L. & R.
U.S. POSTAGE
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Apo, Ohio

Safety Pays--

All Ways!

Vol. 2, No. 11

RAVENNA ARSENAL NEWS

RAVENNA ARSENAL, INC., APCO, OHIO

July 6, 1953

Coming--

Dollars For Sense,

August 7



GALLON CLUB member Leroy Nicholson (background), rests after giving his eighth pint of blood to the bloodmobile on June 25. In the foreground, Nurse Josephine Aron of Cleveland checks the bottle as Dick Viebranz, Employment department, donates his seventh pint of blood.

Employee Blood Donors Top Arsenal Quota by 30 Pints

Red Cross officials, worried by the dwindling response to appeals for blood, were cheered by the success of the Arsenal's 10th Bloodmobile visit on June 25.

Employees exceeded their 125-pint quota by 30 pints as the Cleveland Blood Bank unit collected 155 pints of urgently-needed blood.

Three employees qualified for membership in the "Gallon Club" when they gave their eighth pint of blood to the Bloodmobile. They are Leroy Nicholson, Alliance, Department 194; Ray Braden, Garretttsville, George Road Tin Shop; and Jack Streeter, Hiram, Roads and Grounds.

Arrangements for the collection was made through the Industrial Relations office and Training School office. John Foos was committee chairman. Volunteer chairman was Mrs. Kathryn Branfield, Apco.

Assisting in the canteen were Mrs. Betty Merrill, Mrs. Elsie Ruben, Mrs. Penny Kebl and Mrs. Jean Watts. Staff aides were Mrs. Marie Wilson, Mrs. Mary Weyrich, Mrs. Eve Sanders, Mrs. Kathryn Reese and Mrs. Martha Nichols.

Nurses who assisted the Bloodmobile staff were Mrs. Grace Beckwith, Mrs. Tullis Young, Mrs. Adam Kainrad and Miss Jeannette Baldwin. Nurses aids were Mrs. Betty Stewart, Mrs. Margaret Dodge and Mrs. Cathryn Blondo.

Apco Post Office Changed to 2nd Class Status

Ravenna Arsenal's post office, known officially as "Apco", changed from third class to second class status on July 1.

Postmaster Don Weber stated that the Post Office department made the change due to the increase of business. During the calendar year 1952, business at the Arsenal post office increased 45 per cent over the previous year.

Located in the Headquarters building, the Apco post office is open weekdays from 7 a. m. to 5 p. m. and from 11 a. m. to 1 p. m. on Saturday. The post office is closed on holidays.

Incoming and outgoing mail hours are 8 a. m., 12:15 p. m. and 4:15 p. m. "Employees and residents using the Arsenal post office should have their mail in the office 15 minutes before these closing times", Mr. Weber stated.

Employee Donates To Blood Donors

One Arsenal employee couldn't give a pint of blood during the 10th visit of the bloodmobile, but he made another contribution—a carton of cigarettes.

John Henry, the "donor", works with TNT in the Load Line Two melt load building, thus making him ineligible to give blood.

Mr. Henry's carton of cigarettes went to the Blood Donors canteen for distribution to employees who gave blood on June 25.

For his voluntary contribution, he received a letter of appreciation from W. J. Fogarty, Industrial Relations Manager, on behalf of the Company.

A native of Hiram, Mr. Henry resides in Dormitory "T" and has been an Arsenal employee since September 1950. He also worked here from 1940 to 1947.



COL. C. K. ALLEN



LT. COL. T. H. BRADLEY

Lt. Col. Thomas H. Bradley Assumes Arsenal Command

Lt. Col. Thomas H. Bradley, former Chief of Planning and Scheduling branch at the Ordnance Ammunition Center, has assumed command of Ravenna Arsenal.

The new commanding officer arrived here the latter part of May to permit familiarization with Arsenal activities prior to assuming command.

A native of Los Angeles, Colonel Bradley attended University of Southern California and received his L.L.B. degree from Los Angeles College of Law.

His military record reflects advancement from an Army private to his present rank with extensive service in Ordnance activities. The new CO joined the Army in 1916 and served with the California Field Artillery on the Mexican border. He transferred to Ordnance in 1917.

During World War I, Colonel Bradley served with Base Ordnance Repair Shops in France. In 1919, he attended the University of London, Kings college and was discharged that year as an Ordnance Sergeant, highest enlisted grade.

Colonel Bradley was commissioned in the reserves in 1924 and called to active duty in March 1941 to serve in the Ammunition branch, Industrial Service division in the Office Chief of Ordnance.

In 1943, he was assigned to the Tank Destroyer Center, Camp Hood, Texas, and the following year the new CO was sent overseas to serve with the Chinese "Z" (Zebra) Force. He was a member of the Operations Staff at Kweilin and Kunming, China.

Returning to the U. S. in 1945, Colonel Bradley served as CO of Kingsbury Ordnance Plant, LaPorte, Ind., and Indiana Arsenal, Charlestown, Ind.

In August 1949, he was assigned to Guam, but in September he was transferred to the 229th Base Ordnance Depot, Eighth Army, Headquarters Japan Logistics Command and Headquarters XVII Corps. Colonel Bradley returned to the U. S. in June 1952 and was assigned as Chief of Planning and Scheduling at OAC.

The new Arsenal commander enjoys coin collecting and bowling as his hobbies. He is married and plans to have his wife join him at an early date to take up Arsenal residence.

Dollars for sense — August 7

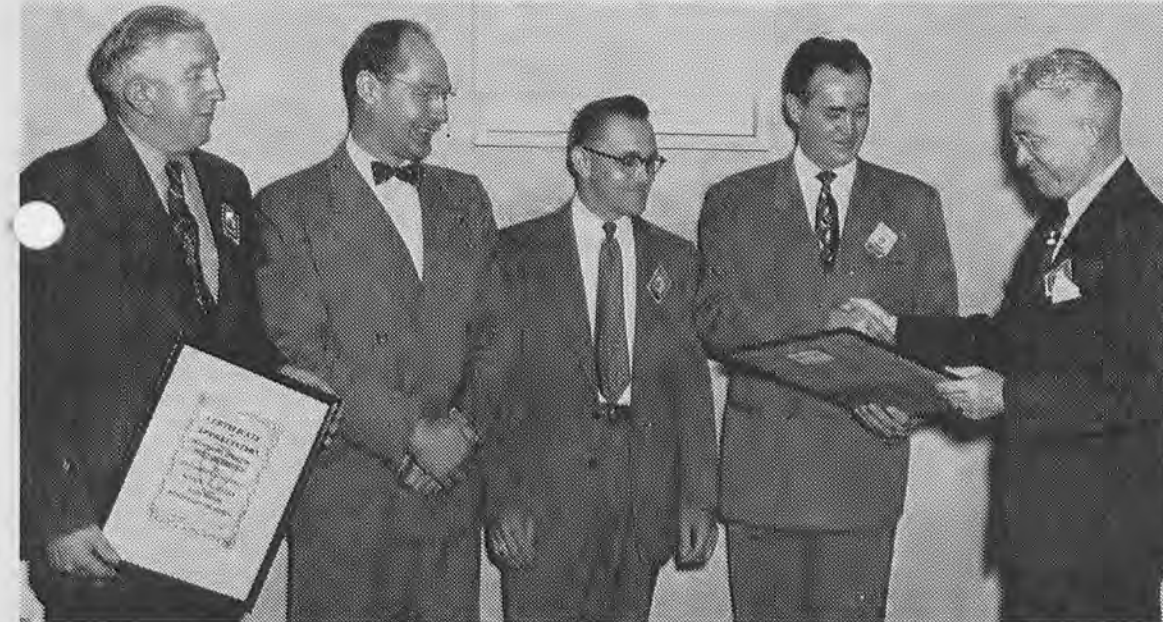
Group Insurance Consolidated In One Department

Insurance functions previously handled by the Employment department are now being handled by the Group Insurance department, Headquarters building. Office hours are 8 a. m. to 4:30 p. m., Monday through Friday.

Employees wishing to make any changes in their group insurance, or who are planning to enter a hospital, should secure necessary forms at the Headquarters Insurance office.

This consolidation of all insurance functions will expedite employee's insurance claims.

Line Three, Engineering Win Safety Awards



OUTSTANDING safety records established by the employees of Load Line Three and the Engineering department have been recognized by the presentation of the J. E. Trainer Certificate of Appreciation. Load Line Three has worked 957,653 man-hours and Engineering 851,298 man-hours without a single lost time accident. In presenting the safety certificates, Paul Borda, General Manager, right, congratulated the men and women of the Engineering department and Load Line Three for their fine safety record and said he hoped that each of them will continue to work safely and further extend this fine record. Receiving the certificates on behalf of their employees are, left to right: George Yocum, Plant Engineer; John C. Duer, Engineering Manager; O. K. Davis, Line Three General Foreman; and G. R. Sanders, Line Three Superintendent.

How to Collar a Dollar-Automatically!



Like to get a good, firm grip on some honest-to-goodness folding money every payday? Well, here's how it can be done without moving a muscle!

Just reach for your pen and sign up NOW to save U. S. Savings Bonds regularly every time payday rolls around, through the payroll savings plan your Company maintains right here in the Arsenal. From then on it's a cinch you'll be adding dollars-that-grow to your paycheck, getting a head-start on all those wonderful dreams you've had for your family's tomorrow.

Payroll savings is sure saving because it's automatic savings. There's no safer place for your money—no better investment you can make. So don't delay any longer; get on Payroll Savings TODAY! And remember, your security is America's Security!

News in Brief

(Continued from Page Five)

to Charles Snowden who is on sick leave....New members who have been added to the department are: **Edmund Guhaugh** from Windham, **Ernest Dobbins** and **Francis Kurtzman** from Garrettsville; **Wilbert Agnew**, Alliance; **Albert Polumbo**, Akron; **Lawrence McCune** and **David Matthews** of Ravenna; **Harry Berndt**, John Egan, Robert Mills, and Guard Matron **Harriett Russell**, all from Kent.

Industrial Relations

T. M. Brown, Safety and Training office, took his family on an extended trip through the states of Indiana, Illinois, Missouri, Arkansas, Texas, Louisiana, Alabama, Tennessee and Kentucky. Most of the vacation was spent in Galveston and Houston, Tex., where they formerly lived....**John Buchanan**, Training School, vacationed with his family at Muskingum lake, near New Philadelphia....**Victor Perry**, Training School, will vacation the first two weeks in August. He and his family will tour Canada, mainly the Province of Quebec....**Margaret Kaibas**, Safety and Training office, and family spent their vacation in Callendar-on-Lake Nipissing, Ontario, Canada....**Clarence Craver**, Safety, Security and Training Manager, is vacationing in New York state with his family....**Edythe Cooley**, Safety, Security and Training, and family are spending their vacation fishing in Cambarmere, Canada.

We are happy to have **Jim Stanton**, Employment, back with us again after his extended illness....Many vacationers spotlight our news this time; **Cobey Jenkins** motored to New Jersey to visit his sister....**Marge Chionchio** and **Diane Neass** spent a few days of their vacations together at Geneva-on-the-Lake....**Bob Fuehrer** and wife were in Geneva, also, over the July 4 weekend....**Norma Fless** journeyed to Dayton to visit relatives there....**Carl Bungard** spent a week fishing in Canada....On vacations in Pennsylvania were **Bob Wilson** and **Lucille Decker**. Bob and family stayed in Hopewell, Pa. while Lucille and her family toured the state.

Ravenna Arsenal NEWS

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Marian Capela, Lillian Bosko, Gerald Stamm, Millie Miscovich, Kathy Sarrocchio, Edythe M. Cooley, Flo Liskay, Alois Burnett, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzette Ledgerwood, Mary Kot.

Weddings

LANGE-BALL

The Mission Baptist church, New Milford, was the scene of the ceremony which united Miss Flora Ball in marriage to Sterling Lange, Jr., on June 10. The new Mrs. Lange, daughter of Mr. and Mrs. Harley Ball of Ravenna, is a Nationwide Food Service employee here. Mr. Lange is the son of Mr. and Mrs. Sterling Lange, also of Ravenna.

THOMAS-SANDROCK

Rev. Wilbur Knipe officiated at the wedding of Doris Sandrock and John Thomas at the Wayland Federated church on June 13. Following the ceremony, the couple left for a motor trip through Virginia and Maryland.

The new Mrs. Thomas, daughter of Mr. and Mrs. Calvin Sandrock of Newton Falls, is employed in the Component Stores Records department. Mr. Thomas, a Department 194 employee, is the son of Mrs. Jeanette Thomas, R. D. 2 Ravenna, and Richard Thomas, Wayland. The newlyweds are now making their home in the East River Gardens allotment, Newton Falls.

SWARTZLANDER-PHILIP

Wedding bells rang June 13 for Hettie Philippi of Alliance, and Albert Swartzlander of Youngstown. Following the ceremony, the couple left for a honeymoon in New York City. Mr. Swartzlander is a member of the Guard force.

New Arrivals

BELATED congratulations to Mr. and Mrs. W. G. Wagoner, Arsenal residents, on the birth of a boy, Robert Paul, on May 29. Mr. Wagoner is Assistant Maintenance and Installation Superintendent, Engineering division.

Arsenalites in the Armed Forces



PVT. B. A. CROOP

A Certificate of Proficiency with a rating of "Excellent" has been presented to Pvt. Bert A. Croop, former Department 194 employee. Pvt. Croop was graduated from the Mechanics school, Third Armored division, Fort Knox, Ky., as honor student of his class.

The former Arsenalite was the only student from a class of 93 to receive the Certificate of Proficiency. Pvt. Croop entered the Army in January 1953 and is the

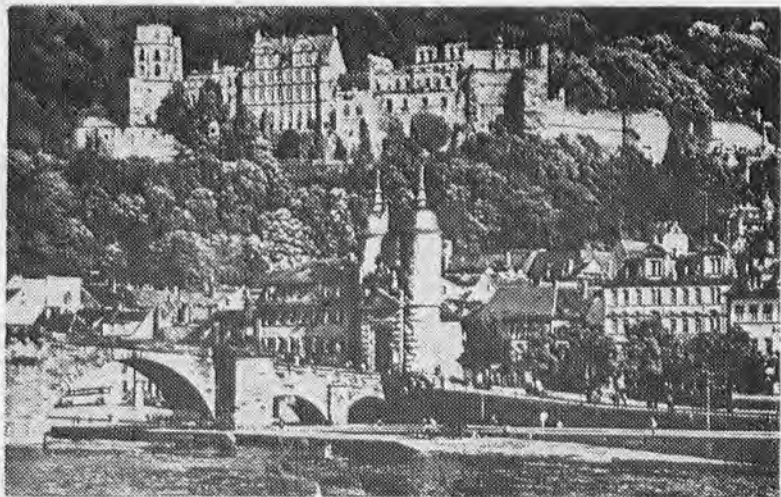
Economic Loss

Statisticians figure each year that the economic loss due to traffic accidents exceeds \$3,400,000,000. Public officials and safety



specialists estimate that the real loss, if it could be measured, with a degree of accuracy would be nearly twice that figure. (APPS)

Help Your Suggestion System To Help You!



THE PICTURE post card from Heidelberg, Germany, was received from Pvt. Ralph W. Bauer, formerly of Department 61, Load Line One, Pvt. Bauer is now stationed in this famous university city and working in the U. S. Army cable room. He also said he enjoys reading the Arsenal NEWS. His new address is: Pvt. Ralph W. Bauer, US 52230676, G-4 Logistics Hqs. USAREUR, APO 403, c/o Postmaster New York, N. Y.

* * *

Sports Quiz Answers

1. Mel Ott, who in 22 seasons with the New York Giants hit 511 homers.
2. Blue Man. The White Oaks Stable star ran third in the Kentucky Derby, won the Preakness and finished second in the Belmont Stakes.
3. Platt Adams, who established an official mark of 28' 2" at New York City in 1910. But the vault was for distance, not height.
4. The game between the Giants and the Phillies, Sept. 28, 1919, won by the Giants 6-1, in 51 minutes.
5. The one-mile record made on a track with 220-yard laps — 4:04.4, fastest ever run on an American track by an athlete, and the indoor 1500-meter record — 3:48.4.

When Peeling Potatoes Do You Throw Skins on Kitchen Floor

If you were peeling potatoes at home, would you throw the skins over your shoulder and onto the floor?

After the family dinner, would you drop your napkin under the table?

And if you walked along Main street and saw 50 cents on the sidewalk, would you just give it a kick or let it stay there?

Obviously the answers are NO.

But the odds are that at work, you've seen scrap material carelessly spilled on the floor and left there.

Probably whoever was responsible for these signs of messiness just didn't think.

With a little thought, about yourself and your fellow workers, the problem of poor plant housekeeping can become a thing of the past.

Think about it, and you'll realize that discarded paper, rags, etc. are breeding grounds for germs and a safety hazard that can hurt your fellow workers.

MATERIAL spilled on a floor and left there is like money thrown away. A nickel, a dime or a quar-

ter is represented by many a piece of scrap of which people pay no attention.

It's surprising how much material, that appears worthless, can be salvaged and sold. No one wants to destroy products made here, because our jobs depend upon them. So does the strength of our country's Armed Forces and the security of all employees depend, to some extent, on each piece of salvageable material.

Next time you see material lying about loose, pick it up and place it in the proper receptacle. And remember not to throw papers, rags and waste on the floor or leave them there.

Arsenal employees spend one-third of their day at work and good housekeeping habits can make that time much more pleasant.

News In Brief

Artillery Primer Line

Airman 2nd Class **Charles Baith** and family of Wichita, Kan., Virginia **Baith**, Mildred **Matchett** and Mr. and Mrs. **Everett Hoover** and family were recently guests at the home of Mrs. **Arla Hoover**, Ravenna. Cpl. **Theresa Rothermel**, El Toro, Calif., and Airman 3rd Class **Catherine Rothermel**, Selfridge, Mich., spent their furloughs with their mother, **Zeta Rothermel** of Windham....**James Galloway** and family visited friends and relatives in Kalamazoo, Mich., over their vacation. **William Davenport** visited relatives in Pennsylvania for a few days.... Our deepest sympathy to **Tillie Bower** in the recent death of her father, **Vincent Falasco** of Warren....**Sagastion Smith** and wife spent their vacation in Niagara Falls, Canada....Pvt. **Robert Simpson**, Camp Atterbury, Ind., recently visited his mother, **Gladys Simpson** of Cortland....Mrs. **Lena Wright** of Tamaqua, Pa., has been visiting with her daughter-in-law, **Irene Wright**, Newton Falls.

Roads and Grounds

Sawyer Kimes, news reporter for Roads and Grounds, is in the Green Cross hospital. We all wish him a speedy recovery....**Jack Streeter** is spending his vacation with relatives in New York....**Ben Ingraham** spent a very enjoyable vacation in Chicago....We are glad to welcome new employees **Frank Foltz**, Apco; **Samuel Olsen**, Warren and **Paul Harbok**, Middlefield into the department....**Edward Krimmer** has returned to work after spending two weeks with the Naval Reserve....**Harold Horner** is also going to spend his vacation training with the Naval Reserve....**Milton Mathews** spent his vacation touring the New England states....**Lawrence Eloff** is now a motor boat enthusiast during his free-time at Lake Milton.

Ammonium Nitrate Line

Helen Ontko and her husband enjoyed their vacation traveling through the Adirondack mountains and by taking a boat cruise through the Thousand Islands into Canada....**Harold Gray** is at home recuperating after being confined in a hospital for three weeks. We hope to see him return soon....**Leona Schinke** spent her vacation convalescing from an illness.

Depot Area

New-car racer in U-14 is **Al Yuvan**, who transferred from Department 194....Welcome back to **Ralph Martin** after his lengthy illness. Our deepest sympathies are extended to **Jake Foust** in the loss of his brother....**Bonnie Harris**, U-14 office, is vacationing in her home state of Virginia....Other recent vacationers are **Lewis "Whitey" Kontz**, **Archie Reinhardt**, **Harold Edgell**, **McKinley Sanders**, **Raymond Taliaferro**, **Myron "Shorty" Skilton**, **Roy Seckmaan**, **Sam Seiple**, **Elmer Barton** and **George Johnson**....**Lester Smith**, U-14, is taking two weeks military training at Camp Perry with the Ohio National Guard....**June Griffin**, Department 191, is recuperating from a recent operation. Best wishes for a swift recovery....**Molly Welsh**, Department 191, and family spent their vacation at Whitman's Grove, Fremont, O....**Edith Davis** visited friends and relatives in Harrisburg, Pa., and Washington D. C., while on vacation....Our congratulations to **William Herron**, U-14, who recently became a grandfather.

Production Offices

Robert Whitmore of Akron is the new employee of Production Planning. We welcome him to our department....**Dorothy Waitz** and daughter, **Lana Jean**, vacationed in New Castle, Pa. with relatives. While there, **Lana** sang "Doggie in the Window" for a radio program over WKST, New Castle....**Robert E. Lee** vacationed in New York City....**Arden Nelson** is on military leave at Camp Perry on Lake Erie for two weeks.

Ammunition Inspection

Betty Andriko and husband spent a part of their vacation visiting friends in Indianapolis....**Paul Ballard** and family enjoyed a week of traveling and sightseeing through the Appalachian Highlands and Big Walker Lookout, Virginia....**Linda Sabastian**, a resident of Garrettsville, is the newest member of the Ammunition Inspection office.

P. E. & I. Division

We welcome **George Thompson**, new Waste Control supervisor, from Leesville, Ala. New inspectors **Richard Starbird**, Akron; **John Watson**, Warren; **Peter Paslioni**, Newton Falls; **Dillard James**, Lakemore; **Rudolph Alkire**, Windham; **Wayne Pruner**, Akron; **James Williams**, who transferred from Payroll, and new Materials clerk-typist **Carmel DiPaola** from Ravenna.

Stores Stock Control

E. C. Amos spent his vacation motoring to New York City....**Lillian Bowman** and husband motored through Canada on their vacation. On their way back they stopped at Midland, Mich., to visit their daughter....**Pat DeGirolamo** and wife spent the July 4 weekend in Detroit, Mich., where they visited the Ford Institute and drove on through Canada to Niagara Falls....**Alice Gerber** enjoyed visiting Radio City in New York during her vacation....**Joseph Maffei** spent his vacation in Toronto, Canada, visiting relatives....**Francis Seiple** vacationed with his parents in Pottstown, Pa....Welcome to **L. E. Monypenny** of Akron, our new warehouseman. His main hobbies are boating and fishing....**Shirlee DeLong** spent the July 4 holiday at Cedar Point....**R. O. Monypenny**, Industrial Service, and family enjoyed a visit with family and friends in West Virginia....**Ruth Jonason**, Field Service, vacationed with relatives in Battle Lake, Minn. On her way back she stopped at Wisconsin Dells and Niagara Falls.

Control Lab

Earle Sickles and his wife went on a vacation motor trip to Baltimore, Md., Washington, D. C. and Waynesburg, Va., returning on the Skyline Drive....**George Sewald** spent his vacation fishing at Campbellford, Ontario, Canada.

Ordinance Staff

Lt. Col. T. H. Bradley recently returned from a visit to the Ordnance Ammunition Center. While there, he and his wife completed arrangements for moving to the Arsenal. The Bradleys will reside temporarily in Quarters "K" Staff Circle....News has been received of a recent commendation to **Major Charles E. Branson**, former Arsenal Executive Officer. Major Branson was commended for his superior performance of duty as Executive Officer of troops during the voyage which took him to Yokohama, Japan, in April....**Jessie E. Eldridge**, Property, is confined to the Robinson Memorial hospital, Ravenna....Also absent, to care for her mother who recently suffered a bad fall, is **Louise Hoffstetter**, Fiscal....However, we are happy to learn of the release from the hospital of **F. F. Fludine**, Property; **Glenn Henning**, Signal and **Harold Gray** and **Eugene Showers** of Inspection. All are recovering satisfactorily and sincere wishes are extended for a speedy recovery.

Property welcomed back **Mary Jo Hardesty** following her recent stay at home due to illness of her mother....Inspection welcomes **Rhea Oswald** to the staff. Rhea, who worked on an Ammunition Inspector during World War II, transferred from Payroll....Inspection—**Dean Parks** has returned from a week of fishing near Portsmouth. Lake Erie attracted **Ray Nease** while **Harrison Chapin** decided on



OPERATING the new Xerography equipment is Marilyn Jennings, foreground, and Francis Hildack, both of Newton Falls and the Office Manager's department. Miss Hildack prepares to use the camera to photograph an office report on XeraX charged plate. In the second operation, Miss Jennings is placing a piece of ordinary paper over the plate for reproduction and development. The third piece of equipment, the fuser, is not shown. Alice Benshoff, the regular operator, was absent due to illness when the picture was taken.

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In Memoriam

JAMES UMEMSETTER

Death claimed the life of James Umemsetter, 34, of Windham, when his motorcycle crashed head-on into an automobile on July 4. A native of West Virginia, Mr. Umemsetter had been employed by Ravenna Arsenal, Inc. since September 3, 1952, in Department 76, Line Two. Mr. Umemsetter made his home in East Liverpool before coming to Windham.

Funeral services were held July 8 in East Liverpool. He is survived by his wife, Alice; daughters, Linda and Delores; and a son, James, Jr.

Canadian waters for his vacation fishing. **Paul McManaway** journeyed to Arizona to visit with his brother....Returned from recent fishing trips are **Ray Barton** and **Carl Thomas** of Operations. Ray selected Canada while Carl tried his luck in Northern Michigan....**Dottie McCabe**, Personnel, and **Kay Ball**, Management, also vacationed in Canada....**George Athorp** has returned to limited duty at the Signal office. George had been ill for several months and we're hoping his return to duty will be on full-time basis very soon....Also returned to Signal is **Charlotte Hagerly** following a visit at her brother's home in Newcomerstown, O.

Best wishes go with **Otis Maxwell**, Inspection, and **Sally Blazek**, Property, who recently left the Arsenal....On June 29 and 30, **Maj. W. L. Watts**, Executive Officer, and **C. R. Branfield**, Inspection Chief, journeyed to the Jefferson Proving Ground, Madison, Ind., to observe test firing of Arsenal-loaded ammunition.

Comptroller's Division

Financial Accounting's new cashier is **Ruth Thatcher** formerly of the Office Managers department....**Bob Bryan**, of Financial Accounting, has returned from a vacation at Lake Erie....**Patricia Miner**, new to the Steno Pool is presently on loan to Inventory. Pat is a recent graduate of Southeast high school, Edinburg....**Carol Hampton** of Ravenna is also a new employee in the Steno Pool. A native of Pennsylvania, Carol had been a student at Kent State University before coming to the Arsenal....**Ralph Campbell**, formerly employed by the Ordnance department, is now in Payroll.

Nationwide Food Service

....Miss **Minnie White**, Nationwide representative from the Hoover company of North Canton is visiting the main cafeteria. Miss White is here studying cafeteria procedures in connection with the new Nationwide branch.

Transportation

Traffic department girls surprised **Janet Spies** with a bridal shower during their lunch period. Janet, who was married July 11, received many lovely gifts....On vacation recently were **Annabelle Barker** and **Sally Pavovich**, Traffic. Annabelle chose Washington, D. C. and Sally spent the week at Geneva-on-the-Lake.

Guard Force

Guard C. A. Harvey has been appointed Lieutenant of Police for the Warren Township Civil Defense zone. Mr. Harvey has 65 patrolmen under his command, who are trained by the State Highway Patrol, Civil Defense and Federal authorities. Congratulations, Harvey!....**Captain S. C. Cashbourne**, Lieutenant **W. B. White** and **Sergeant G. G. Donnelly** vacationed at Lake Buckhorn, Ontario, Canada....Other Guard Force members on vacation are: **William Burnip**, **James Dierkes**, **Patrick Rodden**, **Charles Force**, **Frank Sears**, **William Cooper**, **Lee Spurlock**, **Cecil Moorhead** and Guard Matrons **Lillian Peters** and **Vivian Cole**....Lieutenant **V. R. Wilkinson** and family returned from a two-week trip to Florida....Our sincerest wishes for a speedy recovery go

(Continued on page 2)

New Office Form Reproducing Process Known as Xerography

New equipment for reproducing office forms and reports, freight bills, letters, telegrams and numerous other printed material is now being used by the Office Manager's department. The process is known as Xerography (pronounced zee-rog-ra-fee).

This new equipment reproduces forms, reports and letters on regular office paper or on a multilith master for multiple reproduction.

Operation savings for the first year will be over \$400 and over \$550 for the second year due to reduction of equipment rental costs. Also, the cost of having some 80

forms printed by outside firms will pay for a year's rental of the machine.

Multilith masters, by the xerography method, can be made in four minutes. Reproduction time of masters for office forms for an average month has now been cut to one-fifth and at a saving of about \$60 a month.

This new method eliminates typing masters and proof reading. Some masters took nearly two hours to prepare by the old method.

Other xerography savings are the elimination of waste of masters caused by typing errors and elimination of use of special multilith typewriter ribbons and reproducing and non-reproducing pencils.

The term xerography is a compound of two Greek words, "xeros" meaning dry, and "graphos" meaning writing. The principles of xerography have been put to commercial use in the XeroX copier, camera and fuser.

Through the medium of xerography anything that is written, printed or drawn can be copied and reproduced either singularly or in quantity.

A perfect electrical reproduction is then made visible through the mechanical application of a harmless dry powder which is, in turn, baked or fused — making an exact image of the original as permanent as the office paper or plate master upon which it has been reproduced.

The copying equipment is uniquely simple and pleasant to operate. It is primarily an electrical process that has eliminated most of the old-fashioned processes of reproduction and transfer.

Xerocopies and multilith masters can be made from original material which is printed either on one side or both sides, and in any size up to 8½ inches by 13 inches.

The three XeroX units are independent and mobile. The camera, copier and fuser need only to be placed in a three by five-foot table.

Help Your Suggestion System To Help You!

Ravenna Arsenal Suggestion Day Set for August 7

First Ravenna Arsenal Suggestion Day will be held August 7. On that day every employee is urged to submit at least one suggestion.

How often have you asked yourself or someone around you—"Why don't they do this job another way?" If you have an idea how the job can be improved, **WRITE IT DOWN AND SUBMIT IT**—that's a suggestion.

One idea isn't much to ask for and it can't be too difficult. Just think about one job that you can improve by doing it easier, faster, with less waste, or more safely, and then turn in a suggestion on August 7.

A suggestion is simply a proposal to do something in a better way than it has been done. Look back and see how things constantly change and you will realize it took a suggestion to start each of those changes—a suggestion from an employee.

If you need help in putting your idea in writing, see your supervisor, he'll be anxious

to help. If you need engineering information, submit your suggestion and the Suggestion department will get you technical aid.

Within the Arsenal there is much opportunity to suggest new ways of doing things because the Company is constantly changing from one job to another, thus requiring frequent changes in production methods and equipment.

As a result, the Company is continually looking for new and better ways of doing these jobs. Employees are in the best position to help solve these problems because they are on the job and know all the motions required to do the job and the problems involved. Everyone can and should make suggestions to improve their jobs.

More than 150 employees have shared in the \$3,500 awarded for suggestions to improve Arsenal operations. Stop wishing and start thinking and get dollars for sense. Turn in one or more suggestions on August 7, Ravenna Arsenal Suggestion Day.

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THREE-TIME suggestion award winner, Arla Hoover, demonstrates one of her winning ideas, a primer cover. Mrs. Hoover, who works on the Artillery Primer Line, suggested that a cover be used to prevent the powder shaking out of the primer cases during the vibrating operation. Mrs. Hoover is a Ravenna resident.

The suggestion box is not just a place to drop your ideas, but — a symbol of your privilege to state your ideas.

Help Your Suggestion System
To Help You!

Suggestion Day — August 7

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AN "IDEA" to install protective screens over office windows in Building 849, Scrap and Salvage Yard, provided Virginia Park of Warren with her first suggestion award. Mrs. Park, who works in the Scrap and Salvage office, is shown examining one of the screens.



A \$200 SUGGESTION award was presented to J. C. Shanks, Railroad Shop Maintenance, for his "jig" to straighten buckled, steel doors on Arsenal freight cars. Mr. Shanks (left), and John Urban are shown using the "jig" to straighten a car door. Watching the operation is Homer Zimmerman, department foreman. The "jig" will also straighten buckled sides of box cars without the application of heat. Mr. Shanks is a Newton Falls resident and a first-time idea winner.

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No Suggestion Is Too Small or Large For Consideration

While many of you have contributed suggestions which have helped to improve our operation, we know many more improvements can be made. But no one person in the Arsenal can visualize all of them.

Therefore, we urge each of you to be on the alert, to analyze your job for quicker, better ways of doing it, then send your ideas to the Suggestion Department. This applies to any part of our operation where you feel an improvement can be made.

It has been found that many suggestions submitted, even from management, after being analyzed and evaluated, do not prove practical. So don't be discouraged if your first idea is not adopted.

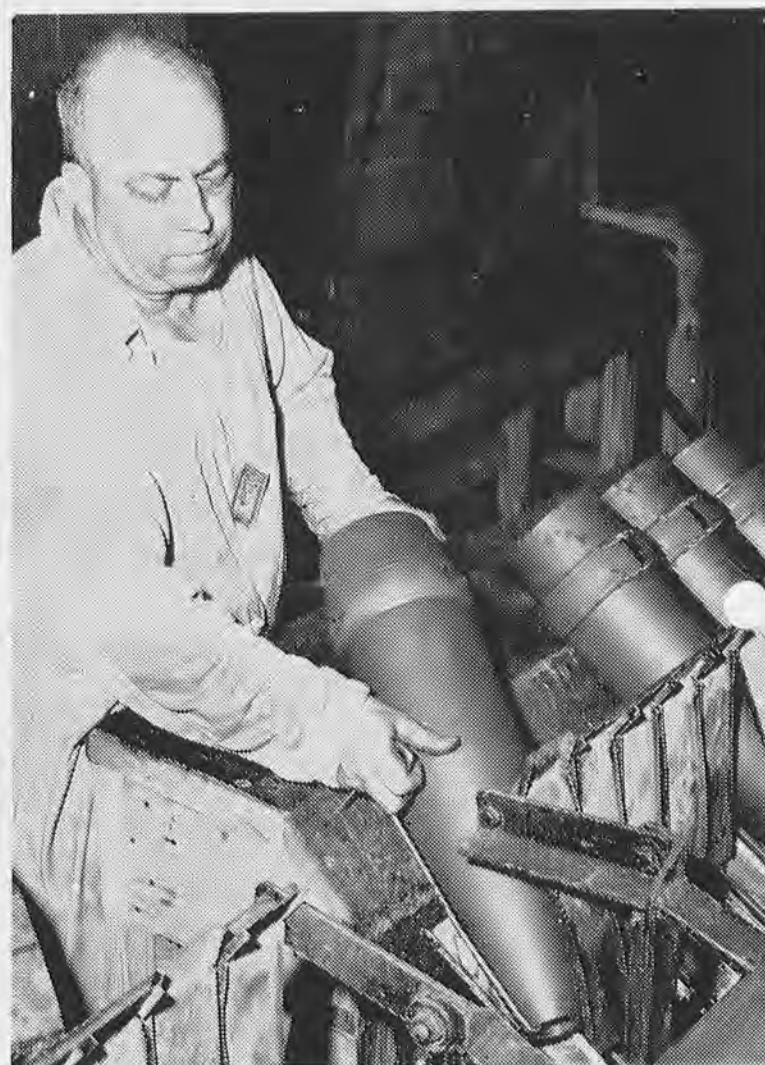
Remember, no idea is too small or too large to be considered and analyzed.

If each individual member of Ravenna Arsenal, Inc. will think about his or her job, then follow through by sending in suggestions, we will continue to make this a better place to work. Management cannot do it alone. **WE NEED YOUR HELP!**

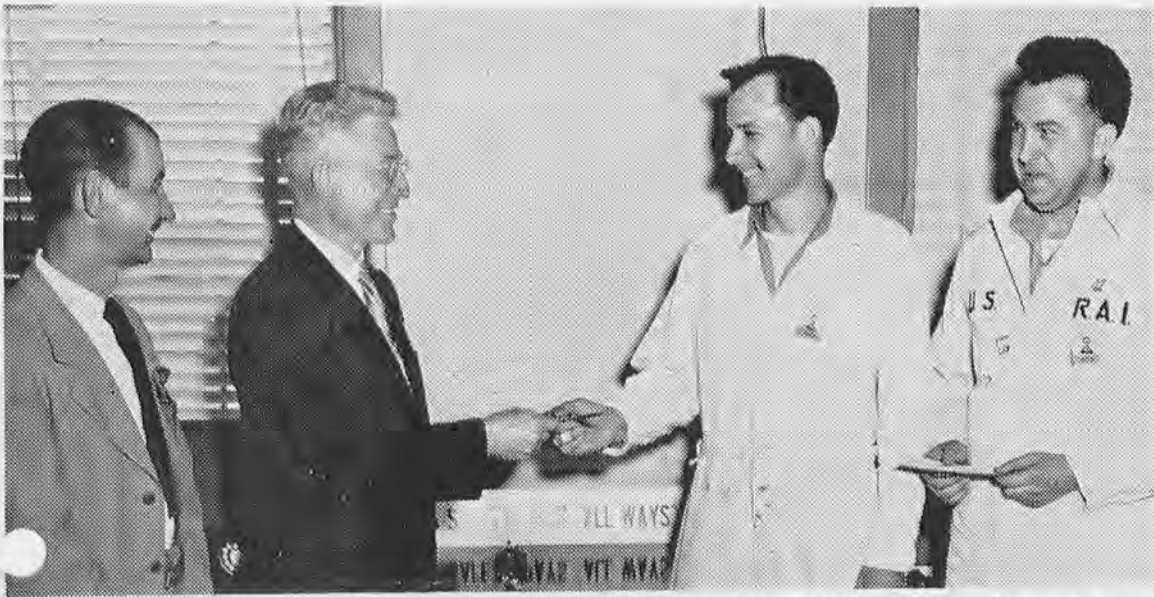
Suggestion Day — August 7

Extra Cash!

There's extra cash in that job of yours, lots of it. There's always a better way to do any job, and **YOU**, on the job are best equipped to find that better way. **Submit your Suggestion today and get dollars for sense!**



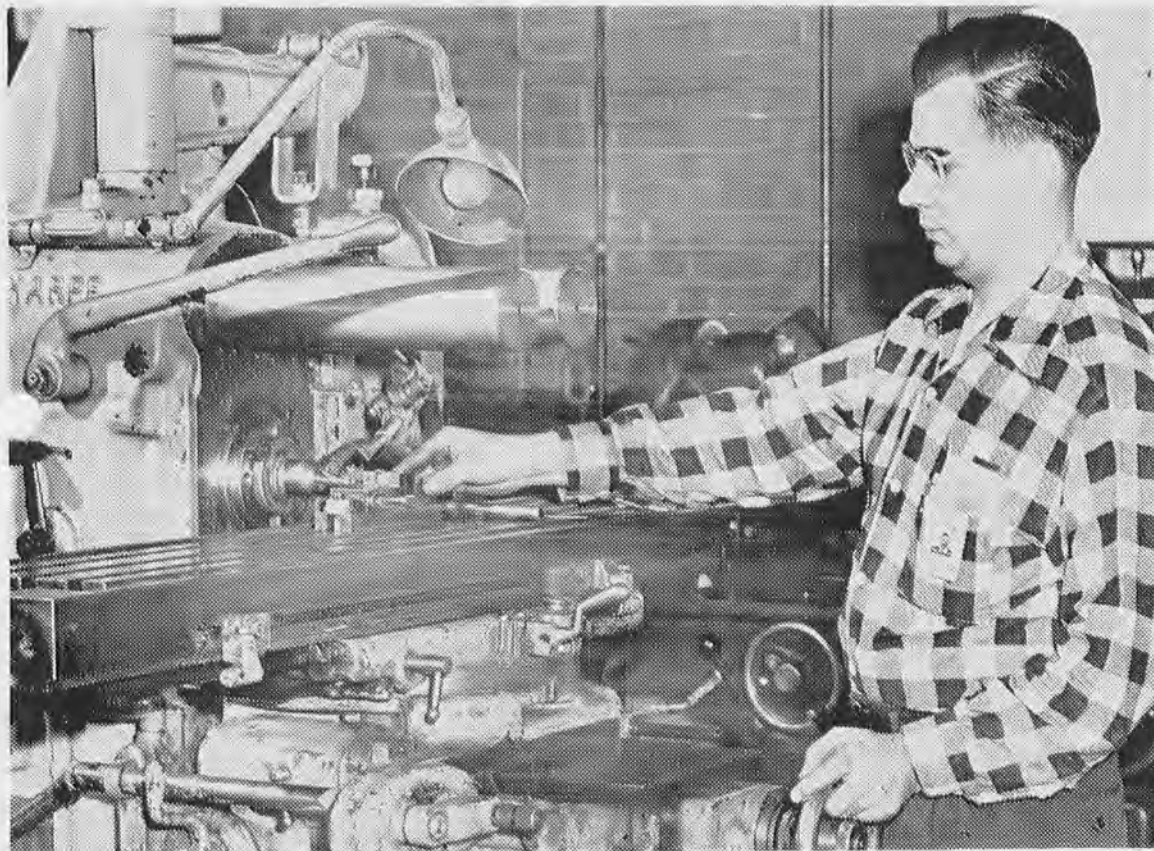
ROBERT SHEARER demonstrates a "puller" which he suggested to aid in the removal of heavy shells from the washout headers on the Ammonium Nitrate Line. A resident of Akron, Mr. Shearer is a first-time suggestion award winner.



THE ARSENAL'S first large suggestion award went to Line Maintenance employees Harry Stewart and John Baryak, both of Newton Falls, on May 23, 1952. They received \$250 for their joint suggestion. Paul Borda, General Manager, is shown presenting a check to Mr. Stewart for his share of the award. Looking on is Mr. Baryak (right), and E. P. Babington, who was then Line Three Superintendent. This winning suggestion improved the deep-drill operation on Line Three. Mr. Baryak also cashed in on three other ideas which netted him a total of \$195 in suggestion profits.



AN EASIER way of removing fuze well cups from shells that are being renovated was suggested by Raymond C. McDaniels, Windham, a Line Maintenance employee. He received a \$400 award for his accepted idea. Mr. McDaniels (right), demonstrates his device to H. C. Gantt (center), Line Maintenance General Foreman. On the left, Lawrence Steele uses the old method of removing the cups. Mr. McDaniels is a three-time suggestion winner and has received a total of \$530 in awards.



FOR SUGGESTING and designing a fixture for milling deep-drill blades, Mitchell Wracher received \$295. This was the highest suggestion award presented by the Ravenna Arsenal Suggestion board during 1952. Mr. Wracher is shown adjusting his milling fixture which replaced the old method of milling deep-drill blades. He is a machinist in the George Road Machine Shop and a resident of Atwater. He also won another award which gave him a total of \$315 in suggestion profits.

Employees Win \$3,500 For Top Suggestions

Employee ideas are making the Arsenal's Suggestion program grow. The suggestion board has awarded over \$3,500 to more than 150 employees for their adopted ideas.

This award money averages out to \$24 for every adopted idea, or \$4 for each suggestion submitted, whether it was or was not adopted.

Arsenalites who have been awarded big checks are Ray McDaniels with the top award to date, \$400; Mitchell Wracher, \$295; John Shanks, \$200; John Baryak and Harry Stewart, a joint suggestion worth \$250; and Victor Grudosky, \$80.

Four-time award winners have been Walter Rydzak, Renick Shank, J. D. Wilhelm and John Baryak. Also, Ray McDaniels, Edward For-

sythe and Arla Hoover who have hit three times, and Leonard Fischer, Mitchell Wracher and Edward Reed have each collected two suggestion awards.

THESE EMPLOYEES are only a few who have seen their ideas grow into suggestion profits. Anyone can do it, too. Every employee can share in the suggestion award money and as much as they want to earn. Ideas put to work will add more new employees to the growing list of suggestion award winners. Big awards from little suggestions grow!

The Arsenal Suggestion program has many advantages. One of the most important is that it actually pays RAI employees for making their jobs easier. Suggestions contribute to improved production, better quality, more efficient administration and safer operations. All of which make your job more pleasant.

The pictures on the two pages of this insert sheet illustrate only a few of the employees who, as part of the winning team, have been interested in improving their jobs and have been paid from \$10 to \$400 for their interest.

It's smart to suggest — join the team by submitting a suggestion on August 7.

The Janitor's Idea Provided Steam

After the 1937 Pittsburgh flood, one of the city's newspapers had a problem of getting heat to dry out the building and equipment in order to get back into production.

The heating plant was damaged beyond repair and a group of experts were summoned to solve the problem. Long distance telephone wires hummed in an attempt to locate and fly in the necessary heating equipment.

A janitor, engaged in cleaning up some of the flood debris, stood on the edge of the experts. Finally, the janitor was able to get the attention of the publisher, who asked him if he had an idea.

The janitor replied, "If you call the Pennsylvania railroad, they'll put a steam locomotive on our siding and we can have heat in this building in less than an hour."

Thus, one local telephone call and one suggestion solved the problem. The janitor was right!

Simple wasn't it? Good ideas are usually simple. How about your ideas? Help your suggestion system to help you by submitting one or more suggestions on August 7, Ravenna Arsenal Suggestion Day.

Opportunity is Knocking

Many people work on what they feel are more or less routine jobs. Often they fall into the habit of doing their work with little thought beyond what is necessary to complete the job. They leave it up to others to improve the methods, materials or equipment used.

However, there are employees who think about their work and find it interesting. They look at their job as an opportunity, and when they see a way to improve their work, they suggest it.



A "NOTICE TO REPORT" card for use by the Employment department was redesigned as a result of a suggestion from Leonard Fischer, Cuyahoga Falls, and Irene Myers, Ravenna, both of the Investigation office. They are shown above looking over one of the cards. Robert Warren, a former employee, was also a co-suggestor. Mr. Fischer is a two-time winner while this was Mrs. Myers' first winning idea.

Jack Ruble Sets New Record at Meadowview



JACK RUBLE

Jack Ruble, RAI Safety engineer, set a new record at Meadowview golf course July 1 when he sliced eight strokes off par, shooting the 18 holes in 63.

During Arsenal league play he fired a 34, four under par, for nine holes. Playing the course with 10 birdies, seven pars and a double bogey, Jack bettered a course mark of 64 set in 1946.

He had 10 putts on the first nine and 11 on the second during the record setting play.

Jack was a member of the Kent Roosevelt high school championship team in 1944 and of Kent State university's championship team in 1947.

Before coming to the Arsenal, he was pro at Lake Forest country club, Hudson, and Breathnach country club, Cuyahoga Falls.

Unclaimed Articles

Employees who have any prohibited articles at the Guard Headquarters, Fire Station One, are asked to claim these items before August 15. Any cameras, lighters, flares, knives or other items that have not been called for by the above date will be sold and the proceeds given to charity.

It's Your Life -- Don't Drive An Inherent Fire Hazard!

More than 1,800 civilian cars and 400 RAI vehicles travel over the Arsenal's 225 miles of roads every work day. Some of the vehicles travel around the clock, seven days a week.

Each vehicle contains inherent fire hazards, waiting to become destructive fires whenever we relax our vigilance and become careless. In addition to the human suffering and property loss, another statistic is added to the vehicular column of the national fire loss. We also retard our country's defense program and make it more costly.

National Fire Protection association statistics show that in an average year, there are 62,500 vehicle fires, costing \$4,180,000 and claiming 918 lives. Fifty-two per cent of all motor vehicle fires occur in connection with accidents, which is another good reason for driving carefully and observing ALL the rules.

It is the responsibility of every driver to check his vehicle carefully before he drives it, while driving and when he finishes his tour. These fires don't happen by themselves. It is the human element which fails and this failure is due to carelessness. When you check your vehicle prior to driving and while driving, look for the following:

1. Failure of your fuel system, such as leaks in gas lines and fuel pump and carburetor, or any malfunction of the carburetor, causing backfires. 2. Electrical system wear causing short circuits. 3. Deterioration of battery cable and battery case. 4. Improper lubrication of engine and other moving parts. 5. Exhaust pipe and muffler corrosion. 6. Excessive oil and grease spillage or seepage on engine and chassis. 7. Any indication of improperly maintained spark plugs, distributor wiring and

George Road Nine, Comptrollers Are Still Undefeated

First place in the Arsenal's National and American Softball leagues is still unchanged. However, a few teams have changed positions in the lower bracket.

The George Road nine is still undefeated with a 7-0 record in the National loop. American league leaders, the Comptrollers, have a perfect tally of eight wins.

In the National league, Materials Inspection bump the Bolton Barn softballers from the number three spot. The Inspectors have an even 3 and 3 record. The Arsenalites are still in second place with four wins, two losses.

The Gear Grinders are now holding down the number three spot in the American loop after being tied with the Roads and Grounds nine for third place. The Salvage squad also moved up one place, leaving Building 808 on the bottom rung. Pleasant Valley A. C. is still in second place with a 5-3 tally.

Standings are as follows:

NATIONAL LEAGUE			
TEAM	W	L	
George Road Shop	7	0	
Arsenalites	4	2	
Materials Inspection	3	3	
Bolton Barn	2	4	
P. E. Line	0	7	
AMERICAN LEAGUE			
Comptrollers	8	0	
Pleasant Valley A. C.	5	3	
Gear Grinders	4	3	
Roads and Grounds	3	5	
Salvage	2	6	
Building 808	1	6	

Help Your Suggestion System To Help You!



RAVENNA GOLFER Larry Harper, 19-year-old son of Arsenal Fireman Ken Harper, is shown with some of the trophies and medals he has won playing in amateur golf tournaments.

Outstanding Ravenna Golfer Swung First Club at Age 10

One of the outstanding, young golfers in the Ravenna-Akron area learned to swing a golf club at the early age of 10, under the tutelage of his father, Arsenal Fireman Ken Harper.

Larry Harper started playing golf in 1946 and became Akron District Boys champ in 1951. That same year he was captain of the Ravenna high school golf team and district medalist.

He qualified and played in the National Junior Amateur tournament in 1949, 50, and 51. Larry copped four matches in the National Junior Amateur in 1950.

In 1951 and 52 he was semi-finalist in the Akron District Amateur and Mogadore golf course champ these same years.

A junior at Ohio State university, Larry was a member of the 1953 OSU golf team that won the Ohio Collegiate championship.

He also qualified and played in the National Collegiate at Colorado Springs this year. He was one of three OSU team members in the tourney.

In 1952 Larry was finalist in the Akron District Champion of Champions tourney, Ohio Public Links semi-finalist and Ohio Amateur quarter-finalist.

This year, he qualified for match play in the Ohio Amateur Golf

championship in the upper bracket with a 74-78-152 at Pine Ridge Golf course, Cleveland.

Although golf is his first love, Larry is also an accomplished musician. He played trombone in the high school band and is a member of the Ohio State band. In high school he was also on the football and basketball teams.

Sports Quiz

(By Armed Forces Press Service)

1. Who holds the all-time National League home run crown?
2. The only horse to finish in the money in all three triple crown races last year was: Blue Man, One Count or Hill Gale?
3. What pole vaulter once cleared 28 feet?
4. What was the fastest Major League game ever played?
5. Glenn Cunningham broke four world records in 1934. What two American records does he still hold?

(Answers on Page 2.)

Softball Tips

By Jerry Zarick

Keep your eye on the ball and your mind on the game.

Runs win softball games — practice your batting.

Be alert for signals — missing one could lose a game.

Always run out an "easy chance" — anything can happen.

Teamwork is the key to success in softball.

The best pitch is to get on the Arsenal's Payroll Savings Plan NOW and start regular and automatic savings of U. S. Savings Bonds!

Jerry Zarick also says: "Use family teamwork for successful saving, as you use teamwork for winning games. Decide how much your future is worth and set aside a sum each week for financial security and better spending later. Family teamwork will bring this future, financial security. Dad can get right on Payroll Savings and save the sum you decide each week. Join the team of millions of Americans — join the Arsenal Payroll Savers and save "E" Bonds automatically and regularly each month."



Foss, Fox Jump From 7th to 3rd In Comptrollers

Still holding down first place in the Arsenal's golf leagues are Nick Tambures and Tom Hendricks—Comptrollers, Pete Lynds and Ed Tekely—Par Busters and Art Kurtz and Angelo Prezioso—Pine Tree.

In the Comptrollers loop, Ted Foss and G. T. Fox have battled their way up from seventh to third place. Still holding the number two spot are Ralph Bentz and Ed Crutcher.

Ed Weyrich and Howard C. brought the standing up to 18½ wins and 41½ defeats and changed positions with Bob Wilson and M. K. Skipper in Pine Tree action. This was the only change in the league standings.

In the Par Busters league Bud Lemon and Mark Lohr moved up from fifth to third place. League leaders Pete Lynds and Ed Tekely are still going strong with 54 wins and six losses.

COMPTROLLERS		
TEAM	W.	L.
Tambures - Hendricks	44½	27½
Crutcher - Bentz	42½	29½
Fox - Foss	39½	32½
Giovinozzio - Seaholts	35½	36½
Wilkinson - Stearns	33½	38½
Gleason - Helmkamp	33½	38½
Williams - Merrill	31½	34½
Lewis - Elliott	21½	44½

PINE TREE		
Kurtz - Prezioso	50½	9½
Ceglia - Mrochak	34	20
Sorensen - Sanders	34	26
Streeter - Widger	28½	31½
Weyrich - Grohe	18½	41½
Wilson - Skipper	8½	45½

PAR BUSTERS		
Lynds - Tekely	54	6
Ruble-Garro	39½	20½
Lemon - Lohr	27½	32½
Spencer - Taylor	23½	36½
Kobl - Brittain	18	42
Merrill - Ruben	17½	42½

Suggestion Day — August 7

POSTMASTER: If undelivered at the address given, please change for which in Box 98, Akron, Ohio, Arsenal, Inc., is to be used.

OSCAR T. TURNER
29 N. UNION ST.
AKRON, OHIO

Line Maintenance 100% for 'E' Bonds
Department 31, Line Maintenance, has joined the ever growing list of Arsenal departments that have signed up 100 per cent for the purchase of U. S. Savings Bonds through the Company's Payroll Savings Plan. This brings the total to 21 departments on the 100 per cent honor roll.

Arsenal-wide employee participation in Payroll Savings is now 83.9 per cent, as of July 15. Salary personnel is up to 92.2 per cent and hourly workers have jumped to 82.2 per cent.



Vol. 2, No. 12

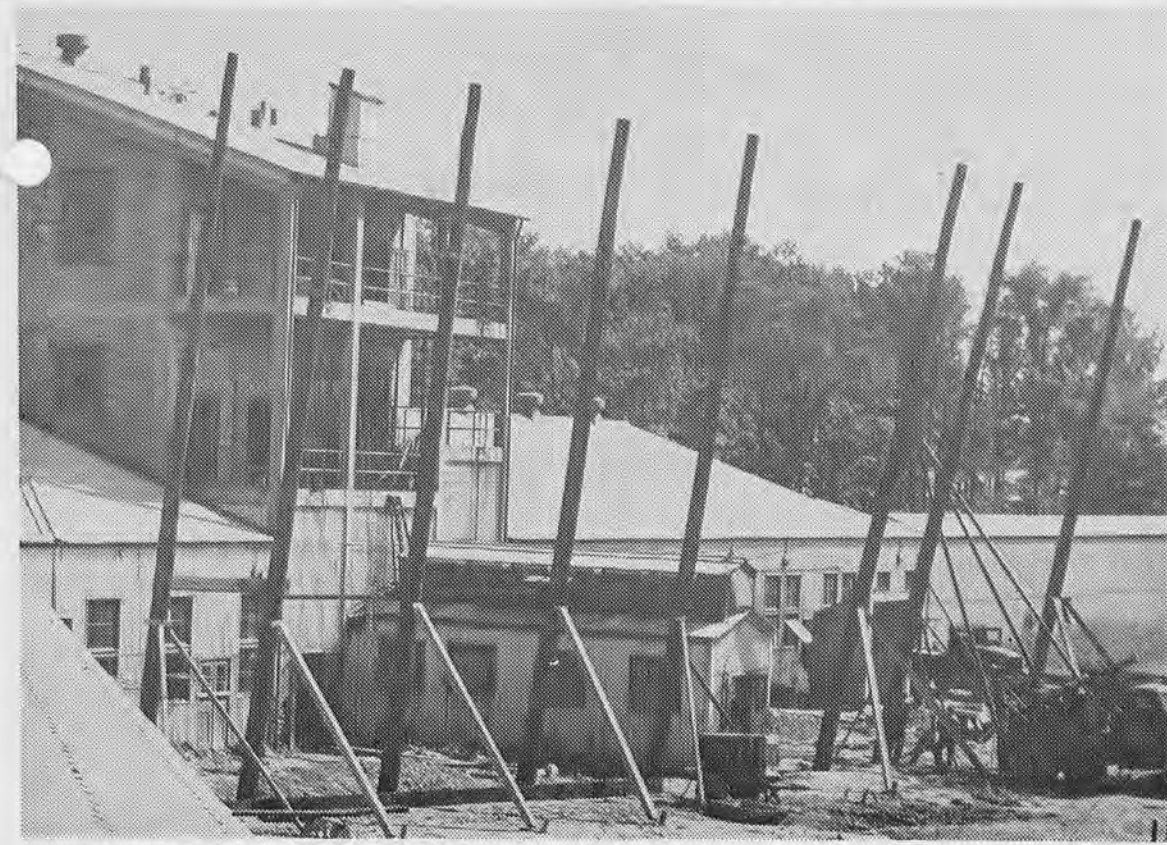
RAVENNA ARSENAL NEWS

RAVENNA ARSENAL, INC., APCO, OHIO

Suggestion Special --

Pages 3 and 4

July 20, 1953



A NEW PROTECTIVE BARRICADE, 45 feet high, is being constructed in front of the Line Four Melt Load building. Shown above are the huge supports—skeleton of the barricade—being placed into position by a construction crew. The supports are set in concrete, eight feet in the ground. The new barricade will be 20 feet deep at the base and five feet at the top.

Employees Finish Basic, Instructors First Aid Classes

Fifteen more employees have completed American Red Cross First Aid courses which are being taught by instructors from the Arsenal Fire department.

Seven employees completed the Standard course. Those who completed this course on July 16 were: Emma Wilhelm, Ravenna, A. P. Line; Raymond Page, Newton Falls, Department 194 Depot; Shirly Marsh, Ravenna, Automotive Maintenance; and Ernest Jones, Ravenna, Department 70, Line Two. Those employees completing the same course on July 21 were: John Hopkins, Cuyahoga Falls, Process Inspection; James Metcalf, Ravenna, Department 84, Line Three; and Robert McKibben, Newton Falls, Industrial Safety.

The remaining employees, members of the Fire department, completed the basic instructors First Aid class on July 17. These firemen will be qualified as First Aid instructors after completion of training by a Red Cross representative from Washington, D. C., in the near future.

They are: E. B. O'Neal, Newton; Robert Lee, Wayland; Carl Vandervort, Youngstown; George Apthorp, Jr., Windham; William Brenner, North Benton; Joseph Myers, Ravenna; Elwood Clark, Jr., Canton; and Elmer Spurlock, Apco.

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Giddiness, Nausea Are Early Symptoms of Heat Exhaustion

Each summer, especially during heat waves, a considerable number of people are affected by exposure to excessive heat. Such exposure may result in severe sickness and sudden death.

The apparent onset is usually sudden. Symptoms begin with giddiness, nausea, uncertain staggering walk, skin is pale, and pulse and respiration are rapid. The body may be clammy with sweat, but as a rule, the temperature is not, or only slightly elevated. Muscular, painful cramps of the legs and stomach wall are not uncommon. Rarely, there is loss of consciousness.

Prior to these symptoms the person may complain for several days of general weakness, depression, quick exhaustion during moderate exercise, inability to do the usual work and a poor appetite.

Most likely to be affected are persons of light complexion, alcoholics, and whose general health is already below average. Contributing factors are high humidity and continuation of the heat for several days.

Main factors responsible are heat and humidity, and loss of salt due to excessive perspiration.

PREVENTATIVE measures such as cool baths or showers, light clothing and head covering are advisable. Drink plenty of fluids and eat light, easily digested food. Take good care of general health and reduce the use of alcohol.

First aid for heat casualties require definite measures:

Heat exhaustion is caused by excessive loss of water and salt in the body. It causes heavy sweating, paleness, dizziness and faintness. The patient should be moved to the shade and made comfortable, and given salt tablets or salt.

Heat cramps occur when a person has been sweating a great deal and hasn't been taking extra amounts of salt. The victim may be seized with muscle cramps, especially of the intestines, abdominal wall, arms and legs. Frequently he vomits and is very weak.

Large amounts of salt water should be given as treatment.

Heat stroke is the most serious of these conditions and often causes death. Persons suffering from it have very high body temperature and become unconscious. An absence of sweating with hot, dry skin, serves as a warning.

Everything possible should be done to lower the victim's temperature. He should be placed in a shady place and fanned, and sprinkled with water. When a heat stroke victim becomes conscious he should be given cool salt water to drink.

Try to obtain medical aid for a heat stroke victim as soon as possible. Hospital treatment may include intravenous injection of a saline solution and massaging of the skin to bring the blood near the surface with a resulting evaporation of body heat.

Transportation, Housing Needed For Employees

Ravenna Arsenal employees needing help in finding transportation to and from the Arsenal, or a place to live, are asked to contact the Industrial Services office, Personnel building, or call Extension 411.

The Services department keeps a share-the-ride card file on employees having and needing transportation, and a housing card file on homes for rent and-or for sale, and rooms for rent in the surrounding area.

Employees having housing facilities or space in their cars, are asked to give this information to the Industrial Services department.

Line 4 Construction Work 80% Completed

The installation of production facilities for loading anti-tank mines on Load Line Four is about 80 per cent completed, the Engineering division announced last week. Mine loading production is expected to get under way next month.

Because of the scope of the installation projects, some of the work has been subcontracted in order to make Line Four ready for production by August to meet rigid Ordnance production schedules.

Loading of these badly needed anti-tank mines has been underway for several weeks on Line Three. Re-tooling of Line Three for the loading of 155mm shells will begin as soon as the mine job is moved to Line Four.

Work that has been done and is being completed includes installation of overhead chain conveyor for transporting buggies that have a capacity of 20 mines each; belt, gravity and powered roller conveyors and an overhead ramp housing a conveyor for hauling explosives from the back line to the Melt Load building.

Also, fire alarm and evacuation facilities; the 45-foot high barricade in front of the Melt Load building and several other earth barricades throughout the line in the interest of safety.

ONE CHANGE house has been re-activated for male and female employees in compliance with standard procedure. Equipment for the new cafeteria is also in the process of being installed.

A Ducon system has been installed to eliminate dust and fumes generated by production equipment such as the mixing and melting kettles, pouring units and dumping stations.

Filtering system necessary for decontaminating the water used in cleaning the buildings and equipment is also being installed. After equipment is steamed in the Washout building, the contaminat-

Former Dutch Naval Officer, Wife, Visit Colonel, Mrs. Allen

A former Dutch Naval officer and his wife, the former Elizabeth Allen, sister of Col. K. K. Allen, were house guests of the Allen's for three days before the former Arsenal Commanding Officer departed for overseas assignment.

The guests were Mr. and Mrs. Arnold N. Clay, of New York City. A former Lieutenant Second Class in the Dutch Navy, Mr. Clay recently resigned his commission to come to the United States with his bride of 10 months.

He spent five years in the Dutch Navy as a radar officer. Three of the five were spent on combat duty aboard a destroyer patrolling the Indonesian coast.

Colonel Allen and his family left the Arsenal on July 15. Before reporting to Seattle, Wash., Port of Embarkation on July 23, Colonel Allen will spend a few days visiting on the West Coast. Mrs. Allen and their children have established residence in Ravenna.

Help Your Suggestion System To Help You!

Suggestion Day — August 7

ed water is collected in a sump housed in the floor of the building.

Water is removed from the sump by means of a pump and is carried by a gravity flume into a settling tank. The overflow from the tank is transferred to a filter bed. Water discharged from the filtering bed is then drained through an open ditch to a dam before flowing into a stream.

The filtering system is cleaned periodically to insure thorough decontamination of the water. In addition, weekly samples are taken of the water leaving the filter bed to insure complete decontamination.

Ordnance School Enrolls 1,500th Student At R. I.

After 15 months in operation, the Army Ordnance Management Engineering school, centered at Rock Island Arsenal, Ill., has enrolled its 1,500th student in the new class which began July 6.

Ravenna Arsenal personnel who have attended this school are H. A. Grohe, Carroll Ruben, Roland DeUnger and Dick Elliott.

The school was established on April 21, 1952, as a part of the Ordnance Management Engineering Training program started by Major General E. L. Ford, Chief of Ordnance. The program was considered an essential step for the Ordnance Corps in proper discharge of its primary responsibility for the development and manufacture, or procurement, of most of the weapons and vehicles used by the Army.

Red Cross Swimming Classes Started At Twin Lakes, July 20

A swimming program for both beginners and intermediates started July 20 at Twin Lakes, near Kent, the Portage County Red Cross chapter announced this week.

Classes are held from 9:30 to 11:30 a.m. for persons over seven years of age. However, children under seven, who have completed first grade of school, will also be eligible.

Head swimming instructor is James Whittaker, principal of Ravenna Highland school. He will be assisted by Mrs. Margaret Dunlavy, a teacher at the same school. Mr. Whittaker studied life saving methods under the famed Duke Kahanamoku, former olympic swimming star, while serving in Hawaii during World War II.

Those interested in registering for this program should call the Red Cross office, Ravenna 6464.

Arsenal Visitor

George W. Becker of Firestone Plant One, Akron, spent two days recently viewing quality control in action on the Artillery Primer and Percussion Element Lines and Load Line One.

Over 900 Pints of Blood

During the past fiscal year—June 30, 1952 to June 30, 1953—over 900 pints of whole blood have been donated by Arsenal employees and residents to bolster the National Blood Program. This is an outstanding sign of their generosity to their fellow Americans—both military and civilian.

The lives of many GI's fighting in Korea and convalescing in hospitals at home have been saved by both whole blood and plasma. Civilians injured in tornados and other catastrophes have received a new lease on life from blood collected by the Red Cross bloodmobile. Gamma globulin, which is derived from your blood, is being used this summer to combat polio paralysis, thus saving our children from a lifetime of handicap.

Congratulations are extended to all employees, residents and volunteer organizations who have helped to make each Arsenal blood drive an outstanding success. Besides the employees and residents who generously gave their pint of blood, the Company wishes to thank the following: Arsenal Ladies club for managing the canteen; Portage County Red Cross chapter for handling the canteen expenses and supplying volunteer workers; Nationwide Food Service for supplying canteen refreshments; inter-plant departments, Transportation, Stores, Office Services, Industrial Services, etc., for assistance during each blood drive; and the Cleveland District Bloodmobile units.

The Arsenal's bloodmobile visits for the remainder of the year are planned for August 7, November 4 and December 20. Evaluate the benefits gained from your blood collected by the Red Cross bloodmobile and then make an honest effort to give a pint of blood during the forthcoming blood drives. Your blood is the "miracle drug" that can save lives.

Methuselah Had A Head Start

Methuselah could have picked up an easy \$23,106,108,-057.60. And that's a lot of change in any man's language. But before you bring out your calculating machine, just remember that he had a head start. He lived to be more than 900 years old.

You've got to get started now, if you want a secure and comfortable old age for yourself and a bright, happy future for your family.

And there's only ONE easy, convenient way to do it. Sign up NOW to save U. S. Defense Bonds regularly each payday right here at the Arsenal through systematic RAI Payroll Savings.

Ten or 20 years from now you won't be as old as Methuselah, but you may be ready to retire, or build a home of your own, or pay your children's college expenses. That's when you'll be glad you saved U. S. Defense Bonds.

They're SAFE, they're SURE, and they're THE BEST investment you can make with the money you earn today!

News in Brief . . .

Industrial Relations

Esther Weber is back to work after an enjoyable vacation in Fort Lauderdale, Fla. . . . Joanne Woodward was also among the vacationers. Fred Feathers is spending his vacation in training with the Air Force Reserve at Grayling, Mich. . . . Rosemary Hamed and family are vacationing in her home state, Arkansas. . . . "The Fish That Got Away" story has been topped by Bob Roussmanoff. While on a week's fishing trip to Canada, Bob caught a four-pound bass. One of his fellow anglers said he would string the bass through the lips instead of the mouth and gills, in order to keep it alive. Later, when Bob pulled in the string, the four-pound bass was gone!

P. E. & I. Division

Recently on vacations in Canada and Niagara Falls were Dorothy Reiss and the Roger Burns family.

Artillery Primer Line

Mr. and Mrs. Tom Reagan vacationed in Canada and Niagara Falls. Toronto, Canada was the vacation spot chosen by Mr. and Mrs. Woodrow Booth. . . . Ray Hiner and family recently visited relatives in Buckhannon, W. Va. . . . Mildred Monroe spent her vacation visiting friends in Pittsburgh and Philadelphia, Pa. . . . Pvt. Joseph Riddle, son of Mrs. Lovie Gordon, has been transferred to Fort Leonard Wood, Mo. . . . Rosie Oliver vacationed in Detroit, Mich. . . . Frankie Byrd and family spent a week visiting relatives in Pittsburgh, Pa.

Ravenna Arsenal NEWS

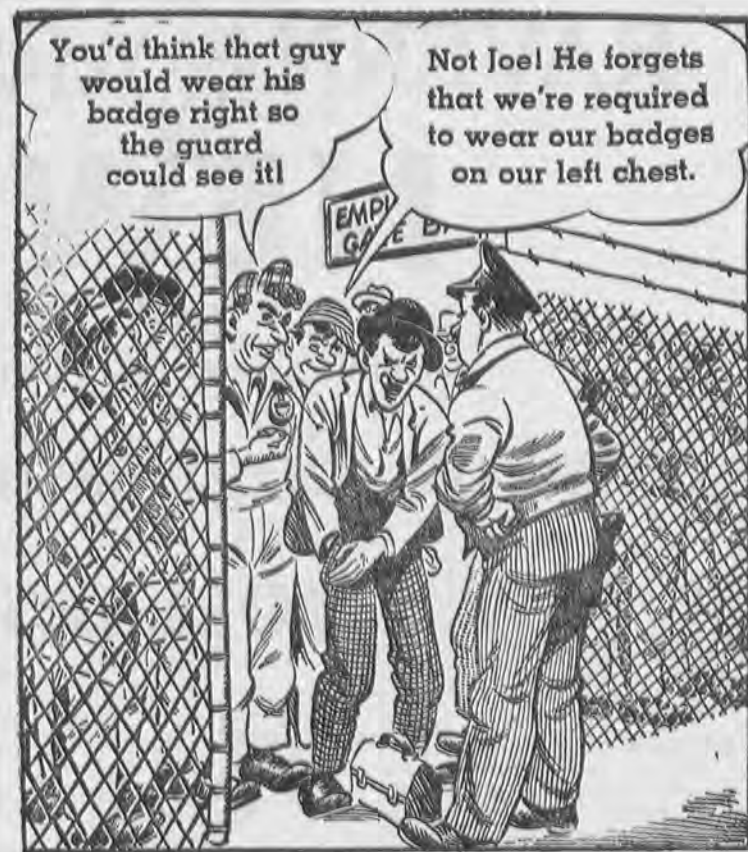
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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Jerrie Shafer, Lillian Bosko, Gerald Stamm, Millie Misceovich, Kathy Sarocco, Edythe M. Cooley, Flo Liskay, Alois Burnett, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzette Ledgerwood, Mary Kot, Dorothy Shaw, Sylvia Hinzman.



Your Responsibility . . .

Sabotage, Espionage, and Subversive Activities are Federal Offences

On December 16, 1950, the President of the United States proclaimed a state of national emergency. This proclamation calls upon all of us to make a united effort for the security and well-being of all Ravenna Arsenal employees and our country.

During this emergency, you as well as your employer are engaged in work relating to the national defense of the United States.

This is to call attention to your responsibility under certain Federal criminal statutes. Careless or deliberate violation of these laws may not only embarrass you and your employer, but can subject you personally to fines and imprisonment.

Under these statutes:

1. You shall not take, communicate, or give to unauthorized persons any information relating to the national defense.
2. You shall not, through your own gross negligence, permit such information in your custody to be stolen or destroyed.
3. You shall promptly report to your superior the loss or destruction of such information.
4. You shall not hide or shield any person whom you believe or suspect has taken, communicated, lost or permitted any such information to be stolen or destroyed.
5. You shall not make in a defective manner any article or material which is to be used or is in any way connected with the national defense.
6. You shall not damage or destroy any building, property, or equipment used in connection with the national defense.
7. You shall not take, steal or damage any property which belongs to the Government.
8. You shall not take, steal or damage any property which is being made for the Government.
9. You shall not photograph or make any map sketch of anything relating to or being manufactured for the national defense, except in the performance of your regular duties.
10. You shall obey all posted orders and regulations of the Secretary of Defense, or his designated representatives, which relate to the security or protection of any national defense plant.

The full text of the Federal laws referred to is available upon request from the Department of Defense.

Sports Quiz Answers

1. Clark C. Griffith.
2. All four went 15 rounds with heavyweight champ Joe Louis in title bouts.
3. Joe Cronin, who played shortstop and later piloted the Boston Red Sox.
4. True, Davis scored 306 points during his career while teammate Blanchard hit paydirt for 231 tallies for a total of 537 points.
5. Pitcher Hugh Mulcahy of the Philadelphia Phils on March 8, 1941.

Waste Steals Your Earnings!



When you waste Arsenal material, you are really robbing yourself because it is your money. TAXES, that pays for the operation of the Arsenal.

If you have any ideas or suggestions on how to prevent waste, submit them to the Suggestions Department. You will be helping yourself two ways if the suggestion is adopted. First, if the idea reduces waste, the operating costs and your taxes will be lower, and second, you will receive a cash award for the winning suggestion.

Firestone Awarded Contract to Make 106mm Projectiles

A contract award of eight million dollars was made today to New Bedford Defense Products, a subsidiary of The Firestone Tire and Rubber Company, by the Boston Ordnance District, Army Ordnance Procurement Agency in New England. The contract is for production of 106-mm. projectiles.

This is the Army's second major award this year to the same Firestone subsidiary. In February, a contract for retooling facilities and production of 155-mm. shells with a total dollar value of 22 million dollars was signed.

According to Colonel Douglas G. Ludlam, Commanding Officer of the District, and James E. Turner, Vice-President in Charge of Production and a director of the Firestone Company, the new contract calls for production to begin in February, 1954.

Commenting on the award, John S. Pfeil, Civilian District Chief of the Boston Ordnance District, said, "It is a pleasure to be able to announce this eight million dollar contract award to the New Bedford plant of Firestone. With over 30 million dollars worth of Army Ordnance contracts now, this facility has become an important segment of our District's mission. Firestone and its New Bedford Defense Products plant is a splendid source with production 'know how' for heavy shell production."

In Memoriam

WILLIAM TARR

William Tarr, 43, of Wayland, George Road shop employee since August, 1948, died unexpectedly at his home July 25. A native of Pleasant Unity, Pa., he moved to Wayland six years ago from Akron.

He is survived by his wife, Margaret; a son, James; two daughters, Mrs. Nancy Kayser, clerk-typist at Bolton Barn, and Mrs. Patricia Cox, former Arsenal employee; and two grandchildren. Funeral services were held in Ravenna July 27 with burial at Palmyra.

RICHARD CHRISTOPHER

Richard C. Christopher, 22, died July 27 in Youngstown North Side hospital from injuries sustained in an automobile accident July 18. A native of Girard, Mr. Christopher was residing in Windham and had worked at the Arsenal since October, 1952.

He is survived by his parents, Mr. and Mrs. Alphonso Christopher of Windham; a sister, Carmela of Windham; and three brothers, Gene, Cleveland Heights; Samuel of Windham, a truck driver at the Arsenal, and John, serving in Korea. Funeral services were held July 30 in Girard with burial in Youngstown.

GEORGE OSBORNE

Death claimed the life of George E. Osborne, July 18, after a prolonged illness of several months. Mr. Osborne, who was employed in Department 194, Depot, started at the Arsenal for the Government in January 1951; transferring to RAI March 1952. Funeral services and burial were in Atwater, July 27.

MATTHEW M. MONTECALVO

Matthew M. Montecalvo, 43, assistant principal and faculty manager of athletics at Ravenna high school and a summer employee in the Depot since June, died unexpectedly July 27. Mr. Montecalvo, who was a great football, basketball and track star at Ravenna high school and Mount Union college, was born in Vieste, Italy, and had lived in Ravenna since he was quite young. Survivors are his wife, Anne, two brothers and four sisters. Services and burial were held in Ravenna, July 30.

When you get into a tight place and everything goes against you, till it seems as though you could not hold on a minute longer, never give up then, for that is just the place and time that the tide will turn.

—Harriet Beecher Stowe.

News In Brief

Load Line One

Get well wishes are extended to David Rogers, Department 62, and Grace Barnes, Department 64, who were recently hospitalized. . . . We're glad to hear that Cathy Edwards, Department 64, and Pauline Schofield, Department 66, are back at their jobs again after their illnesses. Jim Cille who has been ill for several months has been released from the hospital and is recuperating very nicely at home. . . . Clarence Drass, brother of James Drass and a former employee in Department 64, recently spent a 13-day furlough with his family. Clarence is stationed with the Army in New Jersey. . . . Congratulations to Mr. and Mrs. M. K. Skipper who celebrated their 11th wedding anniversary on July 7. . . . Ernest McDonald had a chance to spend some time on his hobby, photography, when he and his family journeyed to Canada for their vacation. . . . Don Booth recently spent a week at Cedar Point. . . . Pauline Thomas and her mother spent their vacation visiting Pauline's brother, 2nd Lieutenant David Thomas, who is stationed with the Air Force at Moultrie, Ga. . . . George Litin and his wife spent their vacation in Washington, D. C. . . . Best wishes for a speedy recovery are to Helen Carpenter, Building 14, who is a patient in Robinson Memorial hospital. . . . Myrtle Stokes and husband spent their vacation visiting relatives in Tamaqua, Pa. . . . Hazel Wix recently visited her family in Parkersburg, W. Va. . . . Cathleen Fulcher and her husband Claude, Arsenal Guard Force, vacationed in Christianburg, Va. . . . We are happy to have Helen Stacy back with us again after her recent illness. . . . Our deepest sympathy to Valerie Jones on the death of her 14 year old son, Neil, who was killed in an automobile accident July 12. . . . John Vargo, Jr. is spending a 15-day furlough with his mother, Ann Vargo, Department 66. . . . Get well wishes are sent to Bessie Reay who is on sick leave. . . . Eva Perlmowicz and her mother vacationed in Nanticoke, Pa.

Stores Stock Control

Pat DeGirolamo is back at his desk after spending two weeks in National Guard training at Camp Perry. . . . Dorothy Holupko vacationed in Washington, D. C. . . . We're glad to have E. C. Amos back with us again after his recent illness. . . . Warren Nelman spent a week's vacation visiting friends and relatives and reclaiming his stock car at Canton Speedway. . . . Mary Lewis recently took a motor trip to Niagara Falls. . . . Dorothy Hyden also spent her vacation at Niagara Falls. . . . Mary Harris vacationed at Ocean View, Va. . . . Muriel Miller is vacationing in New York City. . . . Edith Heintz is spending two weeks in WAC Reserve training in Virginia. . . . Ruth Law and family are vacationing in Canada.

Ammonium Nitrate Line

Best wishes for a speedy recovery to Alice Roaner who has been ill for several weeks. . . . Bill Huffman enjoyed a week's vacation fishing in Canada. . . . Arrefus Dean and Anna Mae Seals are also among the vacationers.

George Road Shops

Best wishes for a speedy recovery to Tom Matteson who has been ill. . . . Dick Benton recently spent a week fishing in Canada. . . . S. J. Crowder and family took a motor trip to Virginia. They were accompanied by their daughter, Bonnie, of Depot U-14. . . . James Nader and wife motored to Fort Dix, N. J., where they visited relatives, then continued on through Washington, D. C. and New Jersey. . . . The Joe Stabile and Jack Bosma families relaxed at Geneva-on-the-Lake for their vacations. . . . Gene Norman was presented with an electric razor by fellow employees before leaving for the Army July 22. . . . Hank Stanonik and family are driving through Georgia and Tennessee on their vacation trip. . . . Milton Schwenk recently spent two weeks in Canada. . . . The L. M. Woolard and E. R. Woods families recently returned from a motor trip to West Virginia. Former Arsenal employees Charles Risko and Gerald Graham were visitors at the George Road Electric shop July 15.

Roads and Grounds

R. Z. Plough is spending his evenings fishing for his favorite, Perch, in front of his Lake Milton cottage. R. Z.'s fishing style is to put his chaise lounge at the water's edge, lie down and then proceed to fish. . . . We're happy to learn that Sawyer Kimes has been released from the hospital and is convalescing at home. . . . Jim MacKeage and his recent bride are spending a delayed honeymoon in Canada. . . . Daryl Porter, former Roads and Grounds employee, was recently home on furlough to wed Carol Bassett of Ravenna. . . . John "Skipper" Lawrence and Jim "First Mate" MacKeage will soon launch their "cruiser" on Crystal Lake. Ralph Baynes will be their first passenger. The fawn at Old Atlas building are progressing very well under the care of the employees.

Depot Area

Gene Ringley, U-8, spent his vacation fishing in Northern Ontario. William "Duke" Turner also vacationed in Canada. . . . Clayton McGee, U-7, and his family vacationed at Delaware Bay near Rehoboth, Del. Elmer Barton, U-14, journeyed to Kane, Pa. for his vacation. . . . Jesse Whiting, motored through Virginia and to Washington, D. C., and Harrisburg, Pa., while on his vacation. . . . Leslie Diezman and family enjoyed a trip to Elkins, W. Va. . . . Dick Legros, Tool Crib, spent his vacation visiting his parents in Alliance. . . . Louise Spencer, Bolton Barn, spent her vacation with her parents fishing in Canada. . . . Also in Canada for their vacations were Joe Braden and his family. . . . Charles Darrah spent part of his vacation renewing acquaintances in his home town, Marietta, O. . . . Congratulations to Cole Yeen who completed his 12th year at the Arsenal on July 7. . . . Mary Stewart, Bolton Barn cafeteria, enjoyed a week with her family on a trip to Detroit and Canada. . . . Andrew "Pete" Richards served as counselor for the Charlesstown Boy Scout troop while they "roughed it" for a week at Camp Manitowish near Peninsula, O. . . . Robert High is also on the list of vacationers.

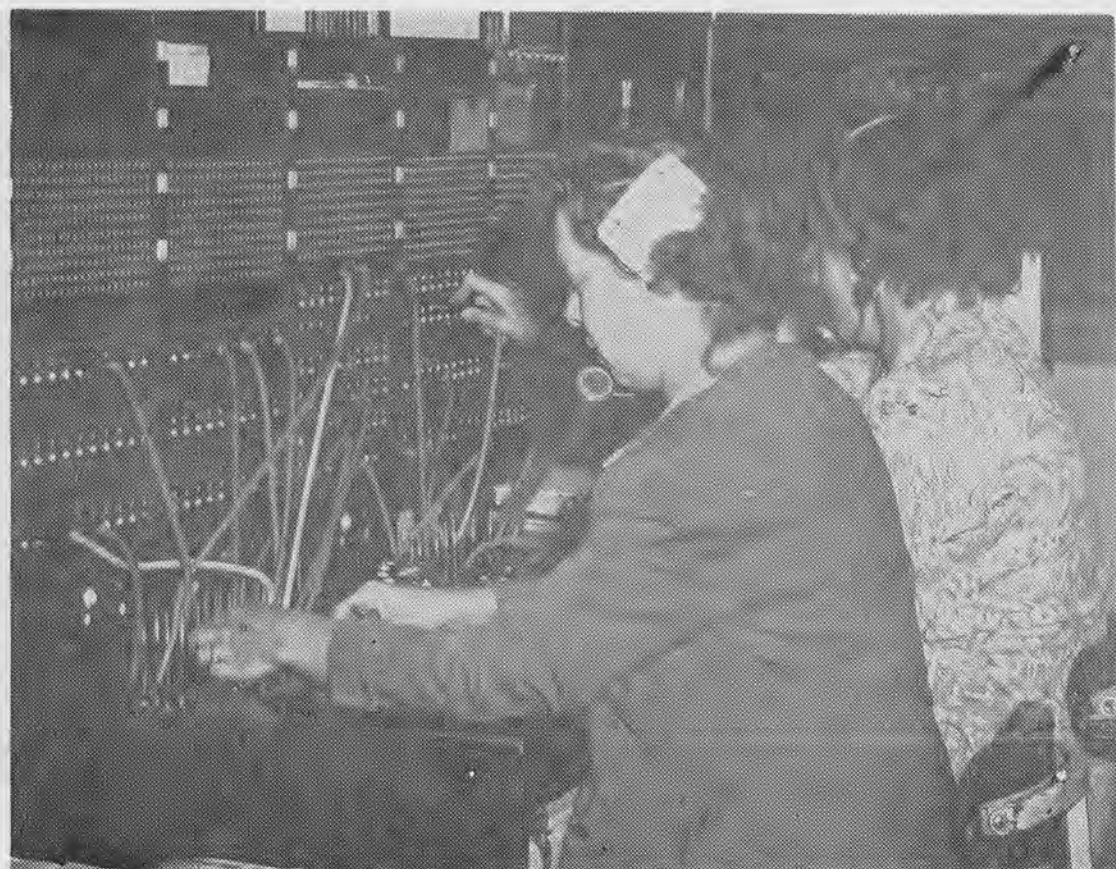
General Manager's Office

Sarah Jane Lawrence and husband, Ray, traveled over the Skyline Drive, through Pennsylvania and Maryland, on their vacation trip.

Ordnance Staff

A warm welcome is extended to Mrs. T. H. Bradley, wife of Colonel Bradley, who has arrived at the Arsenal to make her home here. . . . Janet Witherstey, Transportation, is vacationing in Canada. . . . Transportation welcomes Elmer Canfield who transferred from RAI inspection. . . . Harold Kline is back at his desk after spending two weeks in Naval Reserve training. . . . John Dishong, Safety, is enjoying a fishing trip in Canada. . . . We're glad to have Charles McKinley back after his recent illness. . . . Roland DeUnger and family vacationed at Mentor-on-the-Lake recently. At present, Roland is on two week active duty as chief clerk in the Command and General Staff school, Fort Meade, Md. Harold Gepper, Adjutant's Office, also spent two weeks in military training at Camp Grayling, Mich. . . . Kay Ball, Management Office, completed 12 years of service at the Arsenal July 20. . . . A surprise baby shower was given Letty Sicuro July 16 by the girls of the Ordnance staff.

(Continued on Page 2)



TELEPHONE OPERATORS on duty at the two-position switchboard are Agnes Marshall (left), Southington, and Maida Ricker, Garrettville. All incoming and outgoing long distance calls, as well as numerous local calls, are transmitted through this board.

Pulse Center of Arsenal Communications

Pulse center of the Arsenal's communication activities is the Signal building which handles more than 18,000 telephone calls a day on an 800-line automatic, dial exchange.

Located in the brick building behind Headquarters building, this communication system is large enough to service a town of about the size of Newton Falls.

The Government-operated telephone exchange, known as Wayland 7, operates 24 hours a day seven days a week. In addition to its extensive telephone service, the Signal branch also provides teletype and telegraph service and has maintenance responsibility for the Arsenal's two-way radio system.

About 1500 local, long distance and information calls are handled daily through the two-position switchboard by Arsenal telephone operators. This service includes accepting and placing calls throughout the United States and in some instances has included calls to Europe and Hawaii.

REQUIRING extensive skill on the part of Signal personnel is maintenance of the intricate network of Arsenal communication facilities. Service is required for the complex dial equipment as well as the 823 telephones installed in Arsenal buildings.

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Softball League Leaders Still Hold Unbeaten Streak

The George Road nine and the Comptrollers are still riding the victory crest in the National and American softball leagues with unbeaten records.

Team standings in the National league are still the same. In the American loop, Roads and Grounds are now tied with Salvage for fourth place. Standings as of July 29 are:

NATIONAL LEAGUE		
TEAM	W.	L.
George Road Shops	7	0
Arsenalites	4	3
Materials Inspection	4	3
Bolton Barn	3	4
P. E. Line	0	8

AMERICAN LEAGUE		
TEAM	W.	L.
Comptrollers	10	0
Pleasant Valley A. C.	6	4
Gear Grinders	4	5
Salvage	3	7
Roads and Grounds	3	7
Building 808	3	6

Help Your Suggestion System To Help You!
Suggestion Day — August 7

Weddings

GORDON-ST. CLAIR

On July 11, Miss Betty St. Clair and John Gordon were united in marriage by Rev. Wilbur Kniep at the Wayland Federated church. Following the ceremony the newlyweds left for a honeymoon in Canada.

The bride is the daughter of Mr. and Mrs. Albert St. Clair of Newton Falls. Mr. Gordon, an employee of Department 64, Line One, is the son of Mr. and Mrs. George Gordon, also of Newton Falls.

EVERMAN-SPIES

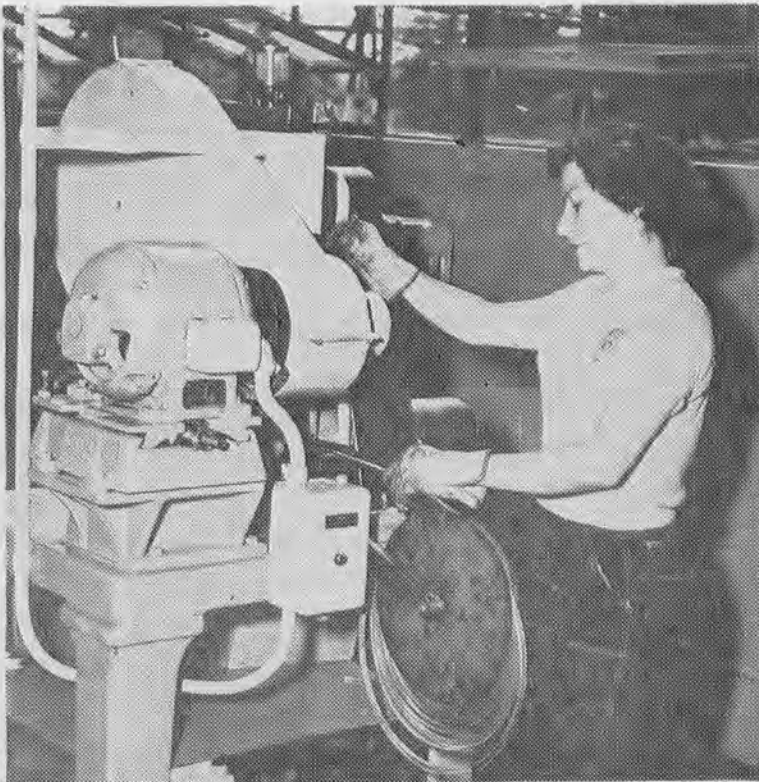
The Windham Congregational church was the scene of the ceremony which united Janet Spies in marriage to George Everman on July 11. Following the ceremony the couple left for a honeymoon trip through the eastern states. The new Mrs. Everman is employed in the Traffic department and Mr. Everman works in Department 64, Line One.

20 Years with Firestone Company

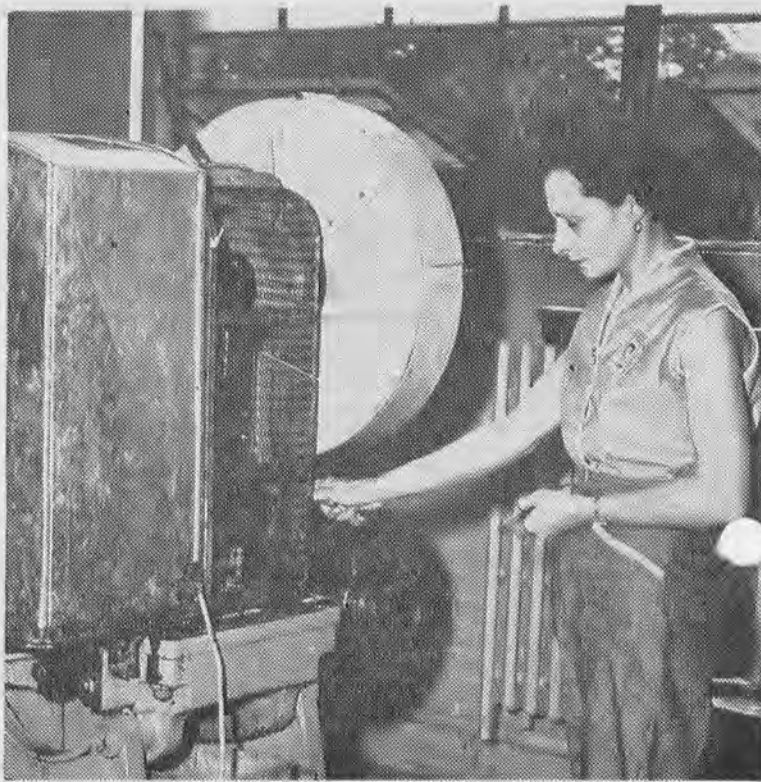


RAYMOND C. FIRESTONE (left), Vice-President of the Firestone Tire & Rubber Company, completed 20 years of service with the Company on July 10, and received his award and congratulations from his brother, Harvey S. Firestone, Jr. (right), Chairman of the Company. Mr. Firestone joined the Sales department of the Company upon graduation from Princeton university in 1933. He completed the sales training course and started work as a salesman at Los Angeles, Calif. He served progressively as a Firestone Store manager and a District Store supervisor.

He subsequently became Assistant Manager of the Company's Southeastern Sales zone, and in 1935 was appointed Firestone District manager at Richmond, Va. He went to the Firestone plant at Memphis, Tenn., when it was established in 1936, and the following year became President of the subsidiary. He was elected a director of the parent company in January, 1942, and returned to Akron January 15, 1949, as Vice-President in Charge of Research and Development.



OPERATING the anvil press in Building 813 is Aida McLaughlin from Newton Falls. The anvils, which are inserted in the percussion element cups, are stamped from strips of brass stock.



BRASS percussion element cups are drawn out of brass strip stock by the press being operated by Virginia Davis, Ravenna, in Building 813.

Bowling League All Tied Up

The Friday Night Mixed Doubles league at the Arsenal Bowling Alley is all tied up, as of July 27. Fighting for first place with a 9-3 tally are Thelma Higgins-Bill Schwab and Hilda Foos-John Foos twosomes.

In second place tie are Virginia Sorenson-Harry Sorenson and Jeanette Brode-Carl Bungard with seven wins and five defeats. Remaining standings are as follows:

MIXED DOUBLES		
TEAM	W.	L.
T. Higgins-B. Schwab	9	3
H. Foos-J. Foos	9	3
V. Sorenson-H. Sorenson	7	5
J. Brode-C. Bungard	7	5
B. Mike-L. Mike	6	6
E. Sanders-G. Sanders	6	6
J. Hammond-D. Tullis	6	6
P. Burk-A. Raeburn	6	6
R. Skipper-M. Skipper	5	7
R. Bayley-L. McCall	5	7
K. Kebl-C. Kebl	3	9
M. Wilson-R. Wilson	3	9

New Operation ...

Manufacture of P. E. Cups, Anvils Started

Ravenna Arsenal is once again manufacturing percussion element cups and anvils, which will be loaded on the Percussion Element Line.

This new RAI operation, located in Building 813, Fuze and Booster area, was last performed during World War II.

The percussion element cups are drawn out of brass strip stock, washed and dried, and then go through the trimmer which trims the cup to the proper size. The cups are washed again before being packaged. Between and during each operation the cups also are inspected.

The anvils are punched out of brass strip stock and washed, dried and inspected like the cups.

On the P. E. Line, the percussion element cups will be filled with primer mix and the anvil will be fitted into the cup on top of the mix. The anvil acts as a base for the firing pin in order to ignite the primer mix in the element.

New Arrivals

CONGRATULATIONS to Mr. and Mrs. Robert Lilly of Kent on the birth of a boy, July 22. Mr. Lilly is an inspector on Line One.

CONGRATULATIONS to Mr. and Mrs. Harold Hill of Ravenna, on the birth of their first child, a boy, Larry Allen, born July 1. Mr. Hill is a member of the Arsenal Fire department.

BELETED congratulations to Mr. and Mrs. Victor Grudosky of New Milford on the birth of their daughter, Dianne, born June 28. Mr. Grudosky is a mechanic at U-7.

Sports Quiz

(By Armed Forces Press Service)

1. Who is one of baseball's all time greats and present chief executive of the Washington Senators?
2. Heavyweight boxers Tommy Farr, Arturo Godoy, Joe Walcott and Ezzard Charles all lay claim to what boxing distinction?
3. Who was the "Boy Wonder" manager of the pennant winning 1933 Washington Senators?
4. In their three years of varsity football at West Point, Glenn Davis and Doc Blanchard scored over 500 points. (True or False)?
5. Who was the first major league player to enter the Armed Forces during the national emergency before WWII?

(Answers on Page 2)

Golfers Organize New League; No Standing Changes

Two Arsenal golf leagues, the Dubbers and Arsenalites, disbanded and have reorganized into a new league — the Dubbers.

The other leagues had an open day last week and only the two bottom teams in the Comptrollers league changed their won-lost record.

Standings as of July 24 are as follows:

COMPTROLLERS		
TEAM	W.	L.
Tambures-Hendricks	44½	27½
Bentz-Crutchner	42½	29½
Foss-Fox	39½	32½
Giovinnizzo-Seaholts	35½	36½
Helmkamp-Gleason	33½	38½
Wilkinson-Stearns	33½	38½
Merrill-Williams	31½	40½
Lewis-Elliott	27½	44½

DUBBERS		
TEAM	W.	L.
Rowbottom-Mastromatteo	12	0
Bognar-Litun	12	0
McDonald-Broderick	10	2
Ryal-Claybaugh	7	5
Babington-Wagoner	6½	5½
R. Russell-G. Russell	5½	6½
Garrard-Mullen	4	8
Taylor-Hutzel	3	9
Stine-Hostetler	0	12

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Seven Big Pike!



HAROLD "PEP" PEPPEARD (above), Roads and Grounds, didn't let his big one get away! He brought back proof of the 8 to 12-pound Pike he caught while vacationing at Lake Simard, Canada.

Give A Pint
Of Blood --
August 7

RAVENNA ARSENAL NEWS

One Idea From
Every Employee
On August 7

Vol. 2, No. 13

RAVENNA ARSENAL, INC., APCO, OHIO

August 3, 1953

Join the Team on Suggestion Day, August 7th

Blood Serum Gamma Globulin Needed for Combatting Polio

Bloodmobile Visit Set for August 7

Employees working the afternoon shift will have an opportunity to bolster the National Blood Program and help combat polio when the Red Cross bloodmobile makes its 11th Annual visit.

The Cleveland unit will be at the Arsenal hospital August 7 from 1 to 7 p. m. Day shift employees, who did not participate in the blood drive on June 25, are also eligible. The Red Cross requires that 16 weeks must elapse between blood donations.

Now is the time to "roll up your sleeve" for there is still an urgent military and civilian need for whole blood and plasma. Your blood is also needed for conversion into a powerful new weapon

Miracle of Blood!

One Arsenalite is alive and well today because of blood given by Arsenal employees to the Red Cross bloodmobile. Harold Gray, an Ordnance inspector on the A. N. line, entered the hospital several weeks ago with a bleeding ulcer. He had lost 80 per cent of his own blood.

"I was in bad shape when I entered the hospital," Mr. Gray stated. "I had only 20 per cent of my own blood, and if it were not for the blood bank, I would not be here today! I received five pints of blood and recognized the names on the bottles as those of Arsenal employees," he added.

against the paralyzing effect of polio — gamma globulin.

The Office of Defense Mobilization has asked the Red Cross to expand its blood collections to provide a maximum amount of this new blood derivative.

Gamma globulin is now being used throughout the country so that our children may be spared a lifetime of handicap. It takes a little more than one pint of whole blood to produce an average dose of gamma globulin, which contains antibodies that attack the polio virus.

ONE DOSE may protect an individual against polio paralysis for the second through the fifth week following injection. If it follows the pattern, polio may strike in epidemic proportions in at least 150 counties this summer. It is estimated that at least two million children in those areas may be exposed.

Since gamma globulin also will be needed for measles modification and prevention of infectious hepatitis, the need will far exceed the supply.

In addition to providing blood for gamma globulin, the Red Cross must continue collecting blood to meet day-by-day needs of civilian hospitals, Korean War wounded and the nation's plasma and albumin reserve.

Therefore, the Red Cross and private blood banks cooperating with it, must collect blood at the rate of five million pints a year.

Arsenalites have an opportunity to "roll up their sleeves" on August 7 and give a pint of blood to help meet the quota and help their fellow Americans.



Don't Let It Run Dry!

"DOLLARS for SENSE"



One Idea from Every Employee

Enclosed with this issue of the NEWS is a suggestion blank for the convenience of employees to participate in the Arsenal's first Suggestion Day, August 7. More blanks are available in the regular Suggestion Boxes located throughout the area. But many times a blank is not handy when ideas occur and they are then forgotten.

The enclosed blank is intended to serve both as a convenience and a reminder to all employees to take advantage of the RAI Suggestion System on August 7 and everyday thereafter. More than 29 per cent of all ideas submitted by Arsenal employees were adopted. The Board also paid an average of \$24 for each suggestion adopted.

W. R. Murphy, Firestone Director Of Industrial Relations, Dies

Funeral services were held July 23 at St. Vincent church, Akron, for William Raymond Murphy, 63, dean of labor negotiators in the rubber industry and Director of Industrial Relations for The Firestone Tire & Rubber Company. He died July 20 at his home after being in ill health for a month.

For more than 30 years he handled industrial relations at Firestone and was in his 47th year of continuous service with the Company.

Mr. Murphy started his career when Samuel Gompers was the most prominent figure in the American labor movement. He saw the growth of unions and was responsible for hundreds of collective bargaining contracts covering as many as 50,000 workers.

He was known equally for his Irish wit and ability to hold his tongue under provocation. His ability to conduct negotiations cautiously and conservatively won him wide respect from labor leaders.

Mr. Murphy was born in Akron and attended St. Mary's school until 1904. The next three years were devoted to a variety of jobs ranging from shoe salesman, usher at the Colonial theatre, real estate salesman and newspaperman.

On March 16, 1907, he joined the Cost department at Firestone, after leaving the old Akron Democrat. Active in sports, he was a guard on the first Firestone basketball team, participating in games throughout Northeastern Ohio from 1913 to 1918. He also played baseball for the Company.

IN 1913 he was transferred to the Time Study department. Five years later he was loaned to the Government to head Personnel and Employment divisions of the Rock Island, Ill., Arsenal, a position he held until Armistice was signed ending World War I.

Mr. Murphy returned to Firestone in December, 1918 and the following June was made Superintendent of Labor, a title which was later changed to Director of Industrial Relations.

Besides his wife, he leaves two daughters, Mrs. Paul T. Nowak of Pottstown, Pa. and Mrs. William F. Helmkamp of Akron; two sons, both medical students, John James Murphy at Loyola university, Chicago, and William R. Jr., George Washington University, Washington, D. C.

Mr. Richards is one Arsenal employee who can say he was born in the Ravenna Arsenal. He was born and reared on one of the farms that was incorporated into the Arsenal area in 1940. In fact, he still lives inside the Arsenal, and has been employed here for 11 years. He worked for the Government before transferring to RAI in March 1952. His hobbies are fishing and hunting.

Employees Urged To Submit One or More Suggestions

Ravenna Arsenal's first Suggestion Day has been set for Friday, August 7. Every employee is urged to join the team and submit at least one suggestion to improve our operations and make the Arsenal a better place in which to work.

The Suggestion Board has awarded over \$3,500 to more than 150 employees for their adopted ideas. This award money averages \$24 for every adopted idea, or \$4 for each suggestion submitted, whether it was or was not adopted.

You might ask yourself, "Why should I bother turning in any ideas?" There is, of course, the cash award, but that isn't all. Any one who has ever had an idea adopted and has seen it in operation will never ask that question. The satisfaction of seeing the product of your thinking being used is something you have to experience before you appreciate it.

OUR GOAL is to have each employee thinking about his job and suggesting better ways to do that job. Employees know their jobs better than anyone else and are in the best position to see methods for improvement.

Everyone who turns in an idea thinks it is good or else they would not submit it. The Company is in the market for ideas and is anxious to adopt all the suggestions possible. Some are not adopted for various reasons, such as: they have been tried before and proved unsuccessful; they may cost too much to install; they may not improve or increase production.

Therefore, employees are urged to study the enclosed suggestion blank and make sure their suggestion does one of the things listed on the back of the blank.

Every employee has a chance to suggest new ways of doing almost every job in the Arsenal. Look around and find that better way and then jot down your ideas on the suggestion blank enclosed in this issue of the NEWS. Then submit your suggestion or suggestions and help your department go 100 per cent on Suggestion Day and every day thereafter.

Regular Suggestion System policy, in regard to adoptions and awards, will apply to all suggestions received on August 7.

New Scoutmaster Of Troop 557 Is 'Pete' Richards

Andrew "Pete" Richards, who was recently appointed scoutmaster of Boy Scout Troop 557, had been a troop committeeman since 1950. Troop 557 is composed of boys from the Arsenal and the Charlestown-Edinburg area.

General foreman of Department 155, Depot, Mr. Richards is married and has two sons and a daughter. His oldest son is also a member of Troop 557.

Mr. Richards is one Arsenal employee who can say he was born in the Ravenna Arsenal. He was born and reared on one of the farms that was incorporated into the Arsenal area in 1940. In fact, he still lives inside the Arsenal, and has been employed here for 11 years. He worked for the Government before transferring to RAI in March 1952. His hobbies are fishing and hunting.

Disaster Follows Sabotage

Did you ever stop to think what happens after the saboteur strikes?

What follows the four horsemen of sabotage—Death, Injury, Property Loss and Unemployment?

If the place where you work were destroyed by sabotage, you might be killed. Whether you were an office worker or whether you were working in the plant, a fire or explosion might result in your death.

Maybe you would be numbered among the injured, with the prospect of a large medical expense and a long period of forced inactivity. Permanent injuries could prevent you from following your previous line of work.

Property damage resulting from sabotage might easily spread beyond the limits of some industrial plant to include a large area, even an entire city. Your home might be in the path of such destruction.

And, of course, one the most widespread results of sabotage would be unemployment. Even though you might not be working in a plant which had been sabotaged or even working in a plant engaged in defense work, a large-scale reduction of activity because of sabotage could throw you out of work. Destruction of power lines, railways, or communication systems could bring all business to a virtual standstill in the area which they served.

A national disaster might conceivably result from an intense wave of well-planned and executed sabotage—a fact which should cause every American worker to think—then act in the best interests of himself and his country.

What can you do about this danger?

Be alert. Don't relax your vigilance just because the danger to our country seems to have turned cold.

Keep informed about what is going on in the national scene and abroad. Keep an eye open for what is going on around you. This is not to suggest that you become suspicious of everyone you meet or work with, but it does suggest that if you should see or hear indications of espionage, sabotage, or subversive activities you should notify your supervisor, who will in turn notify the proper authorities.

Think about the problem. Observe the rules of good security, and remember that Disaster Follows Sabotage!

Ammunition Safety Record To Save Army \$350,000 in 1953

Increased safety in the Ammunition Industry has brought about a 35 percent reduction in Workmen's Compensation premium rates which will save the Government about \$350,000 this year, the Department of the Army announced last week.

In addition to the \$350,000 cash savings, the rate reduction means the government will have to keep \$2,000,000 less in the fund on deposit with insurance companies to cover anticipated claims.

The 23 ammunition plants of the Army Ordnance Corps, all but three of which are operated by commercial firms holding fixed-fee contracts, have achieved an outstanding safety record in recent years. Last year's safety record was second lowest among all major industries whose accident experience is tabulated by the National Safety Council.

REDUCTION in insurance premiums reflects that record, according to Maj. Gen. E. L. Ford, Chief of Ordnance, and Col. C. S. Reed, who heads the Ordnance Corps Safety program. The downward revision was determined by the Conference Committee of the National Defense Projects rating plan, in collaboration with the Ordnance Comptrollers office.

Ravenna Arsenal, commanded by Lt. Col. T. H. Bradley, and operated by Ravenna Arsenal, Inc., is one of the 23 installations whose safety record helped bring about the saving to the government.

Colonel Bradley complimented Arsenal personnel for their part in the rate reduction, saying "All workers at this installation should feel gratified that their attention to safe working practices has contributed to this rate reduction and savings of taxpayers money. I am confident they will keep up the good work."

Ravenna Arsenal NEWS

Vol. 2, No. 14 --- August 17, 1953

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Jerrie Shafer, Lillian Bosko, Gerald Stamm, Millie Mischevich, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, Alois Burnett, Frances Gligliotti, Norma Harvey, Arno Bohne, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzzette Ledgerwood, Mary Kot, Dorothy Shaw, Sylvia Hinzman.

Meet Your Reporters



Dorothy graduated from high school there and from Boeckers Business college. She began her employment with Ravenna Arsenal, Inc. in October 1952. However, the Arsenal is not new to her for she was employed with Ordnance Depot, our present depot area, here during World War II. For recreation, Dorothy likes to dance. She also enjoys good books and sewing. This is her first experience as a reporter.

News reporting is not new to Mary Jean Bussan, Control Lab reporter for the Arsenal NEWS. In addition to reporting for her high school newspaper, Mary Jean was managing editor for her college annual. A native of Galena, Ill., Mary Jean and her family lived in several states before coming to live at the Arsenal. She is the daughter of Wilbur Bussan, Ammunition Inspection department. Mary Jean graduated from high school in Cuyahoga City, Wis., and from Clarke college in Dubuque, Iowa. She has been employed as a laboratory technician with Ravenna Arsenal, Inc., since August 1952. Mary Jean enjoys photography as a hobby.



BUSSAN

In Memoriam

WILLIAM E. MCPHEE

Well-known Arsenal employee, William "Red" McPhee, 68, of Ravenna, died August 8 in the Rochester, Pa., hospital where he had been a patient for three weeks. His death followed an extended illness.

Born in McKeesport, Pa., Mr. McPhee lived in Ravenna for more than 20 years and had been in maintenance work and custodial service here since March 1942.

He leaves four sons, four daughters and five grandchildren. Funeral services and burial were held in Ravenna, August 11.

Ordnance Employees Get Service Awards



SERVICE AWARDS were recently given to three Ordnance employees by Lt. Col. Thomas H. Bradley, Commanding Officer. Receiving the awards were (left to right) Raymond Houghton of Windham, who received a five-year award, and Charles Kebl of Apco and Ann Greitzer of Newton Falls, who received 10-year pins. The service awards program is sponsored by the Civilian Welfare Fund to recognize Ordnance employees who have completed five and ten year periods of continuous satisfactory employment. Also attending the award ceremony were Charles Branfield and Charles Kennington, Chiefs of the Inspection and Administrative divisions in which the award winners are employed.



DISCUSSING the evening's program for the August 4 supervisory meeting are, left to right, Lt. Col. T. H. Bradley, Commanding Officer; J. V. Cairns, Firestone Industrial Relations; and Paul Borda, General Manager.

Employees, Supervision Lauded

(Continued from page 1)

IT HAS been necessary to carefully train our new employees and to follow up to make sure they thoroughly understand their jobs so we can depend on them for high quality workmanship — which includes working safely. If we continue to work with these new employees until they have gained good, safe work habits, our operating efficiencies will improve, attendance will improve and injuries will decrease.

"In addition, our expansion program is well under way. New guard house will soon be occupied and we expect to load anti-tank mines on Load Line Four before the end of this month. The contract for the shipping building extensions will soon be let, and we expect to have at least one building ready by the latter part of October. Mechanization of Load Line One has also been accelerated.

"These accomplishments reflect growth, experience, better understanding and exceedingly fine cooperation that has prevailed since the beginning of operations — among ourselves and with the Commanding Officer's staff — all of which comprise the Ravenna Arsenal team.

"A production man's job is never done. While much has been accomplished, a great deal more is

yet to be done on each phase of our activities," Mr. Borda concluded.

How Much Money Would You Take For Your Fingers?

How much money would someone have to offer you before consenting to have a heavy weight dropped on your fingers? A weight that would cause a temporary fracture or even partial amputation of your fingers? Would you accept \$116, the average indemnity? \$1,000? \$10,000? At what point would you consider the amount of money worth the pain and probable loss of fingers?

There are a few people who might be money-minded enough to consider some high price for their fingers, but it is doubtful whether much enthusiasm could be created for such an offer. Even if an employee agreed to have his fingers crushed for a "consideration," if given a little time to think it over, it is quite certain he would back out before the day of execution.

News In Brief

Ammunition Inspection

G. S. Shaw recently spent a week touring Ohio and visiting friends and relatives....Edgar Marken spent his vacation in military reserve training with the Army at Fort Meade, Md.

Comptroller's Division

On the vacation list this week are Joanne Sedlock, Jean Murphy and Juanita Cole....Welcome back to Sally Sanders after her recent illness. Financial Accounting department recently enjoyed a picnic at Monroe Falls park.

Load Line Three

Presently on vacation in Chicago, Ill., is Samuel Currie, Department 82....Winifred Henderson, Department 80, spent part of her vacation in Pittsburgh, Pa....Howard Kielmeier, Department 86, is currently vacationing in California....Reo Polidori, Department 82, will travel through the New England states on his vacation trip next week....Laura M.ulloch, Vern Vandenberg and George Mohr are also on the list of those enjoying vacations....We're happy to have Gene Showers back with us after being injured at the Canfield Speedway.

Stores Stock Control

Carl Vinciguerra and family spent their vacation in Niagara Falls. Virgil Stouder and family motored through the Pocono mountains and on through Philadelphia and Wilkes-Barre, Pa....Philadelphia and Atlantic City were the vacation spots chosen by Margaret Dickey....Barbara Weaver and husband visited Wisconsin Dells, Wis., and motored through some of the Midwestern states for their vacation trip....Stewart Tyrie, Industrial Service, spent a week fishing and visiting relatives recently....Edith Kouba spent her vacation in Washington, D. C.

Nationwide Food Service

Mildred Graham spent her vacation in Punxsutawney, Pa., visiting her mother and family....Robert Graham and family from New York recently visited his parents, Mr. and Mrs. Arch Graham....Dessie Swecker and family took an air trip to St. Paul, Minn. for their vacation....Betty Elliott was also in St. Paul visiting relatives on her vacation....June Gump enjoyed a vacation fishing in Girard, Pa.

Ammonium Nitrate Line

We're sorry to hear that Bonnie Miller is on leave of absence necessitated by illness....Abram Stone and wife, Evelyn of the Guard Force, recently spent a week visiting their son at Cherry Point, S. C. Shirley Grodesky, A. N. Line office and Gerry Windhorst, Quality Control, recently enjoyed a weekend in Washington, D. C.

Laundry

Iva Hunk recently held a family reunion at her home in Garrettsville....Charlie Shields is back to work after a week's sojourn to his home town, Fairmont, W. Va....Congratulations to Pearl Gahring who became a grandmother not once, but twice last month....Those enjoying vacations now are Lloyd Waller, Ethel Purcell and Beulah McNamara....We're glad to have Betty Maurer back with us after her long illness. Betty is 100 percent behind the defense effort. In addition to working in a defense plant and subscribing to payroll savings for U. S. Savings Bonds, her daughter, Rosemary, leaves this month to join the WAF's in Texas. Also her son, Eugene, will soon be with the Marine Corps.

Control Lab

E. W. Cerokey spent his vacation fishing at Lake Nipissing, Canada. Willard Seiple also enjoyed a vacation recently.

Production Offices

T. R. McEwen, Production Planning, and family enjoyed a week's vacation at Midwanga-on-the-Lake....Bernard Kurlick attended the American Legion convention in Cleveland July 25 and 26. Mr. Kurlick, a 10-year Legion member, serves as Chaplain and is on the executive committee of Post 209, Akron....Marie Knapp vacationed with her family in her hometown, Weston, W. Va.

General Stores

We wish to express our deepest sympathy to Charles Walker, Paris Crib, on the death of his mother....John Romanov, Building 809, and family recently spent two weeks touring Michigan and Canada.

Transportation

Lillian Bosko, Main Garage office, has returned from her West Coast vacation trip. Among the places she visited were Cheyenne, Salt Lake City, San Francisco, Los Angeles, Denver and Albuquerque....Wallace Smalley and family also took a motor trip on their vacation. They chose Tuscaloosa, Ala. for their destination....W. A. Bowers, Traffic, and wife spent a week at Geneva-on-the-Lake.

Artillery Primer Line

A birthday party was held for Ann Black and Georgia Reagan at the Reagan home August 7....Mrs. Dorothy Anderson of Girard spent a few days recently with Jane Galloway, Warren....Andrew Cassotto and family recently spent a weekend with relatives and friends in DuBois, Pa....Mrs. Lizzie Boland from Hamilton was a visitor at the Elmer Spurlock home....Niagara Falls and Atlantic City were the vacation sites chosen by Charles Mitchell and wife. They were joined there by their daughter and son-in-law from Indianapolis....Earl Wilkinson vacationed in New York and New Jersey.

Ordnance Staff

Mr. and Mrs. James Fugitt recently visited their son, Roy, Surveillance. Mr. Fugitt, a former Ravenna Arsenal employee, is Management Officer at Navajo Ordnance Depot, Ariz....Richard Elliott is back to work after attending Ordnance school at the University of Toledo....Simpson Proctor and family took a motor trip to Virginia on their vacation....Ruth Beardsley spent her vacation at Vermilion-on-the-Lake....Also enjoying a vacation at the beach were the Ed Raeburns at Geneva-on-the-Lake....Goodbyes and best wishes were extended to Rosemary Franks, who recently left the Arsenal....Andy Wancik, has returned from two week's active duty with the Army Reserves at the Command and General Staff school, Fort Meade, Md....Recent visitors in the Jessie Eldridge home were her sister and brother-in-law from Florida....Inspection welcomes Ernest R. Hyatt to its staff....Florence Dingley is back from a week's vacation with her sister-in-law and brother in Royal Oak, Mich....We're happy to learn that Harold Kline's son, Ronnie, is recuperating satisfactorily from his recent operation....Our deepest sympathy is extended to Arlie Siler on the death of his father and to Charles McKinley on his mother's death.

Depot Area

We're sorry to hear that "Pete" Richards has been confined at home due to illness....Dick Spencer, Depot Planning, is presently vacationing in New York....Myron Skilton, U-14, spent his vacation motoring through Ohio....Other recent vacationers are Joe Branick, Santa Fe, and Willard Baird....Julius "Lee" Lukas is planning to visit his former home in New York on his vacation next week....Dewey Gattis, Department 194, and Dick Sands, Ordnance Inspection, spent two weeks in Army Reserve training at Fort Knox.

Employee Trapped On Island During Canadian Vacation

Arsenal firefighter John Schaffer had the unusual experience of being trapped on a small island for about 15 hours during his vacation last month.

One morning John and two other vacationers set out to fish on Lake Nipissing, Ontario, Canada. Shortly after 10 a.m. a stiff wind came up making the water rough for the three fishermen in their 16-foot skiff. Not wanting to take unnecessary chances, the men decided to head for the nearest land, which was a small island about 11 miles from the mainland.

They reached the island about 3 p.m. and settled down for what they hoped would be a short wait. After several hours it became apparent the storm was increasing in fury rather than abating, so the men prepared to spend the night on the island.

Their overturned boat provided a crude shelter with pine boughs under it for a bed. A fire was started to ward off the cold, wet night, which became a "long night" for Mr. Schaffer — clad only in pants, shoes and a tee-shirt. Therefore, it was only natural for John to be the first to awaken the next morning. He roused his companions with a call for breakfast which consisted of "one orange" split three ways.

Back on the mainland, Mr. Schaffer's wife, Belvera, and the other two wives spent a worried and sleepless night. They also consumed a full pound of coffee by morning.

Came the dawn and a cabin cruiser was dispatched by the anxious wives. The missing fishermen were soon found and rescued, however, the men caught no fish!



DURING the summer months, Space Heating employees performed general maintenance work on boilers and other Arsenal heating equipment that they keep "fired-up" during the winter. Removing the cracked and burned refractory material from the base of a boiler is Frank M. Soper (bottom), boiler fireman from Ravenna. Cleaning carbon from a boiler section is Fireman Chester L. Sly of Charlestown. The 22-man department also does maintenance work on heating equipment in Arsenal residences, office and industrial buildings. Also included in their work is maintenance of some steam lines and traps, unit heaters and radiators. They also handle preventive maintenance and repairs on the coal stokers, and other Space Heating equipment.

Employee Group Insurance Benefits Over \$300,000

Ravenna Arsenal employees received \$307,936 in claim benefits from the Company's group insurance plan during the last fiscal year—June 30, 1952 to June 30, 1953. This is an increase of \$289,767 over the insurance plan's first year in operation.

These benefits were paid for non-occupational illness, injuries and deaths.

A breakdown of the total benefits paid, shows that Weekly Accident and Sickness benefits totaled \$76,708; Hospital and Surgical fees for employees \$70,936, and for employee dependents, it totaled \$93,292.

The insurance company paid \$59,000 in natural death claims and an additional \$8,000 for one accidental death.

When the group insurance plan was started in May, 1951, 864 employees were enrolled. The number increased to 2,835 during June, 1952 and by June 1 this year, it had jumped to 4,066.

HIGHEST number of claims

Winter Protection, New England Style



OLD NEW ENGLAND farm buildings was the subject for the above picture taken in Vermont by Ed Thompson, Ordnance inspector on the A. N. Line. The farm house (extreme left) is connected to the wagon shed, barn and other farm buildings for protection during the rugged Northeastern winters. Mr. Thompson and his wife, who live in Valant, Pa., recently made an 1,800-mile motor trip through New Jersey, New York and the New England states.

Arsenalites In The Armed Forces

Arsenalites who recently answered Uncle Sam's call are Donald Boucher, Department 194 Depot, Phalanx Station; Johnson Heller, Department 66 Line One, Ravenna; James Taylor, Department 65 Line One, Warren; Vernon Tuck, Department 66 Line One, Canton; and Delmis Tuttle, Department 194, Depot, Ravenna.

Also, Wilbert Bethel, Department 76 Line Two, Akron; John Crabtree, Department 192 Depot, Kent; Robert B. Daugherty, Maintenance department, Leavittsburg; Donald Pittman, Component Stores department, Alliance; and Theopiles Satterwhite, Department 75 Line Two, Akron.

ALSO entering the service were: Paul Chambers, Department 66, Line One, Newton Falls; Ronald Holloway, Department 66, Line One, Alliance; and Gene Norman, Shop Maintenance, Widham. Also, Paul Gless, Department 194, Depot, Ravenna; and Willard Kirkhart, Department 66, Line One, Ravenna.

We have received a new address for Airman 3rd Class John Rider, former Motor Pool employee. His address is: A 3-C John C. Rider, 15499531, 3754 Student Squadron Sheppard Air Force Base, Texas.

Sports Quiz Answers

1. Dizzy Dean, who won 30 games for the St. Louis Cardinals in 1934. Roberts got his 28 last year for the Philadelphia Phils.
2. Paddy DeMarco, who is a lightweight.
3. Jim Konstanty of the Philadelphia Phils.
4. True, Mathias won his first Olympic decathlon championship in London in 1948, at the age of 17. He again defeated the world's best all-around athletes at Helsinki, Finland in 1952, to become the first two-time winner of this meet.
5. Walter Johnson, immortal Washington hurler who had a lifetime record of 416 wins against 279 setbacks.

Comptrollers Drop First Game, 11-7, To Salvage Nine

A fifth place team, the Salvage nine, handed the Comptrollers their first defeat of the season by a score of 11-7 on August 11. The Comptrollers are still leading the American Softball league with a 10-1 tally. However, Salvage dropped in to fifth place with the Building 808 squad blasting their way from last place into the number four spot.

Pleasant Valley A. C. and the Gear Grinders are still holding down second and third places respectively.

In the National loop, the George Road nine is still on top with an unbeaten record of 10 wins. Still tied for second place are Materials Inspection and the Arsenalites.

AMERICAN LEAGUE		
TEAM	W	L
Comptrollers	10	1
Pleasant Valley A. C.	6	5
Gear Grinders	5	5
Building 808	4	6
Salvage	4	7
Roads and Grounds	3	8

NATIONAL LEAGUE		
TEAM	W	L
George Road Shops	10	0
Materials Inspection	4	4
Arsenalites	4	4
Bolton Barn	3	4
Percussion Element	0	9

He who freely magnifies what hath been nobly done, and fears not to declare as freely what might be done better, gives us the best covenant of his fidelity.

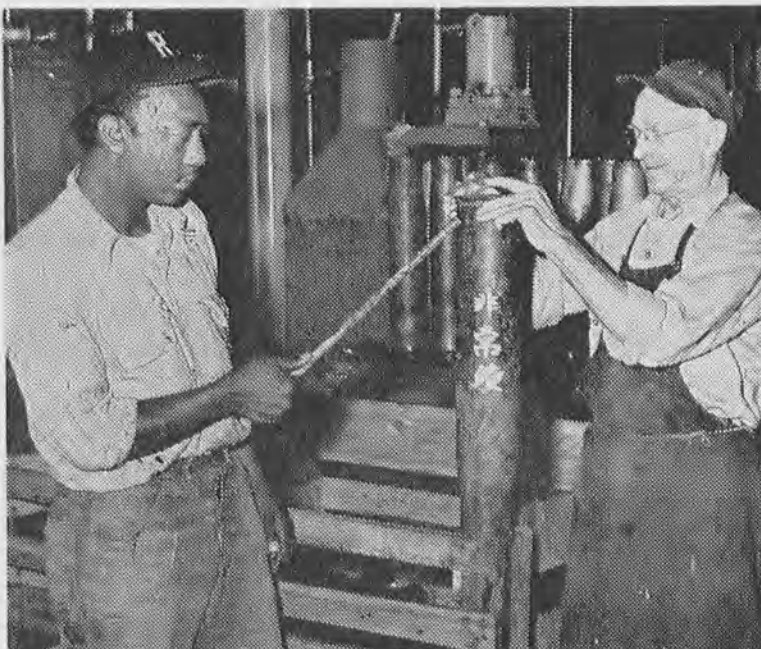
—John Milton.

Pin-Setters Needed For Arsenal Alleys

The Recreation department has announced that pin-setters, 16 years of age or older, are needed for the approaching Arsenal bowling season.

Anyone interested in working a few evenings a week, should apply at the Employment office or directly to the Recreation building. Additional information can be had by contacting the Recreation office on Extension 8194.

Reds use U. S. Shell for Bell



DEMONSTRATING how the Chinese Reds used a discarded American 90mm cartridge case as a warning bell in Korea, is Robert R. Nance of Warren. Holding the returned shell casing is Alva M. Davis of Beloit. Painted "Chinese Red" and inscribed "Emergency Bell", the case was found among the thousands of spent 90mm cases shipped to the Arsenal for renovation on the A. N. Line. The case was badly dented and it is believed the Chinese used their captured "Emergency Bell" quite frequently during the fighting in Korea. Mr. Nance has been an Arsenal employee since September 1950 and Mr. Davis started working here in December 1950.



SUMMER BOWLERS in action at the Arsenal Bowling alley are, left to right, "Scotty" Raeburn, Pearl Burk, C. R. Sanders and Virginia Sorensen. The Friday Night Mixed Doubles league will wind up their season the early part of next month.

Pine Tree League Leaders In Close Battle for Crown

Pat Ceglia and John Mrofchak moved within one point of the Pine Tree Golf League leaders when Pat shot a par 38 over the Chestnut Hills course on August 12.

Art Kurtz and Angelo Prezioso are holding their slim Pine Tree lead with a 55½-22½ margin. Probable second place winners are Jack Ruble and Mike Garro with a 46½-31½ record.

Third place honors are still close with the Bud Lemon-Mark Lohr and Dick Spencer-Glen Taylor twosomes battling for the position. In the Comptrollers league, Ed Crutcher and Ralph Bentz took over first place, dropping Nick Tambures and Tom Hendricks into second.

Ted Foss and G. T. Fox are still holding their number three spot with a 47-37 tally, while Merle Wilkinson and Don Stearns battled their way from sixth to fourth.

Paul Bogner and George Litun have taken over the lead in the Dubbers loop with 22½ victories and only a one-half point loss. They were tied for first with Tom Rowbottom and Frank Mastromatteo, who dropped to third.

PAR BUSTERS		
TEAM	W	L
Lynds-Tekely	66	12
Ruble-Garro	46½	31½

Golf Tourney Set For September 12

Second annual Ravenna Arsenal Golf tournament will be held at Meadowview Golf course on Saturday, September 12. Employee linksters interested in participating in the tourney should contact the Recreation office or dial Extension 8194.

Sports Quiz

(By Armed Forces Press Service)

1. Robin Roberts was one of two National League pitchers in 19 years to win 28 or more games. Who was the other?
2. Which fighter is not a welterweight: Gil Turner, Johnny Bratton or Paddy DeMarco?
3. What relief pitcher was voted "Most Valuable Player" in the National League in 1950?
4. Bob Mathias was the first athlete ever to win two Olympic decathlon championships. (True or False)
5. What American League pitcher was known as the "Big Train"?

(Answers on Page 3)

WARNING--The Arsenal's Phantom Worker Is Again on the Loose!

The "phantom worker" is again on the loose in the Arsenal. He is a dangerous character, so watch your step if you come in contact with him.

However, if every employee acts quickly, we may be able to catch him before he does any more damage — if we don't, the results may be disastrous!

When last seen this character was wearing a smirk of satisfaction on his face because he had again deprived Mr. Average Arsenal Employee of the new pair of shoes for little Johnny, the two new tires so badly needed for the old jalopy and the money for Janie's doctor bill.

Yes, once again this phantom, "Mr. Unnecessary Absenteeism," has escaped and is driving his reckless train of insecurity straight toward each employee.

DURING the month of July, old "Unnecessary" helped plunder 6.10 per cent of our scheduled work days, causing a loss of wages totaling about \$82,748.

A definite amount of the percentage was, no doubt, caused by legitimate or excusable absences such as, personal illness, death or serious illness in the family, or emergency transportation difficulties. But all too often the reasons for absence were not justifiable and could have been prevented.

We must face facts. There isn't one Arsenal employee who doesn't need the money he or she earns. Why then jeopardize your financial security by taking "unnecessary" time off?

Starting today, let us strive to-

ward the so far unattainable goal, 100 percent attendance on all scheduled working days. You have nothing to lose and everything to gain. Let's give it a try!

New Arrivals

BELATED congratulations to Mr. and Mrs. Jack French on the birth of a boy, Jack Jr., July 14.

A GIRL, Debrah Louise, born to Mr. and Mrs. Harold Gepper, July 27.

CONGRATULATIONS to Mr. and Mrs. Arthur Killey on the birth of a daughter, Roberta Anne on July 22. Mr. Killey is employed in Building 809.

A GIRL, Betty Lou, born to Mr. and Mrs. Eddie Qualls, July 26. Mr. Qualls is a Depot senior foreman.

A GIRL, Shirley, to Mr. and Mrs. Art Bowles of Apco on August 2. Mr. Bowles is Time Study manager.

CONGRATULATIONS to Mr. and Mrs. Edward Cayton on the birth of a boy, July 25. Mrs. Jessie Cayton was formerly employed in the Steno Pool.

1953 Bowling Season Starts September 14

Ravenna Arsenal bowling alley will open for league play on Monday, September 14. However, the four alleys, located in the Recreation building, will be open the week of August 24 for convenience of team practice before the 1953-54 season opens.

Last year's program will be used in forming the teams. Men's bowling teams will hit the lanes on Monday, Tuesday and Wednesday nights and the Women's league will battle on Thursday night.

Arsenal kiegiers interested in league participation should report to the bowling alley on the night they wish to bowl. August 31, September 1 and 2 for men and September 3 for women.

There will be an open bowling session each of these evenings from 7:30 to 9:00 p.m. followed by a regular business meeting, election of officers and discussion of American Bowling Congress rules.

Hilda, John Foss Take First Place In Doubles League

Hilda and John Foss have taken the lead in the Friday Night Mixed Doubles league at the Arsenal Bowling alley.

The Foss' were tied for first place with Thelma Higgins and Bill Schwab, who are now in the number three spot. Still holding on to second place are Virginia and Harry Sorensen with a 13-5 tally.

Ruth and Maurice Skipper rolled their way up to fourth place while the number five position is in a three-way tie. Standings are as follows:

MIXED DOUBLES		
TEAM	Won	Lost
H. Foss-J. Foss	11	4
V. Sorensen-H. Sorensen	13	5
T. Higgins-W. Schwab	12	6
R. Skipper-M. Skipper	11	7
J. Hammond-D. Tullis	9	9
P. Burk-S. Raeburn	9	9
M. Wilson-R. Wilson	9	9
R. Bayley-L. McCall	8	10
J. Brode-C. Bungard	7	11
E. Sanders-G. R. Sanders	7	11
B. Mike-L. Mike	6	12
P. Kebl-C. Kebl	3	12

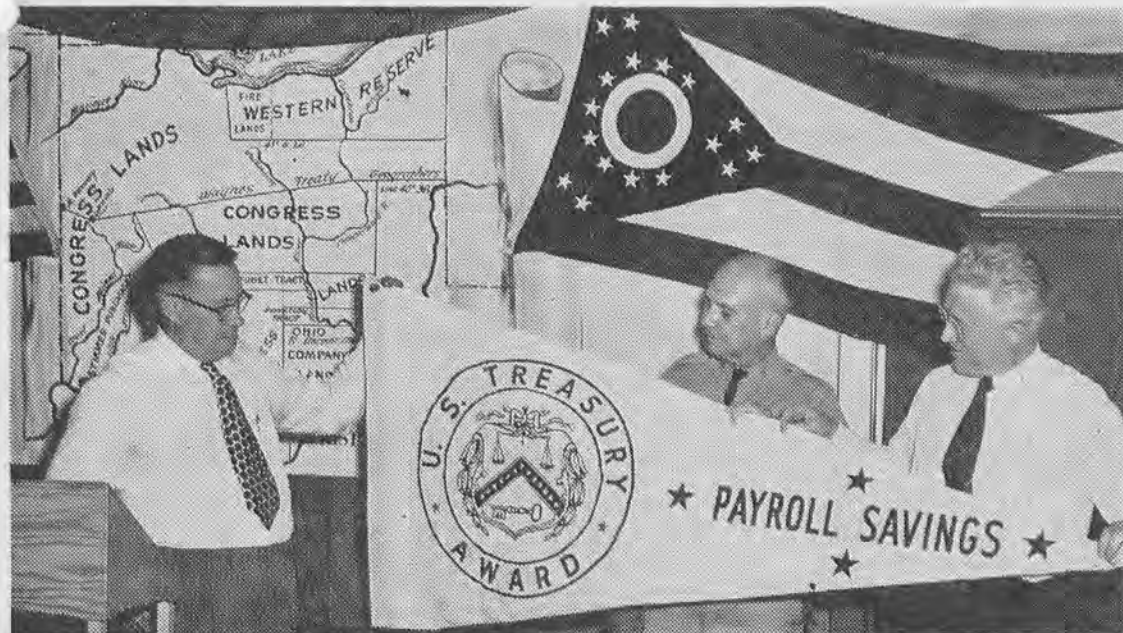


Vol. 2, No. 14

RAVENNA ARSENAL, INC., APCO, OHIO

August 17, 1953

Employees Win Treasury Flag



PRESENTING the Payroll Savings flag on behalf of the Treasury department is Harvey B. Heiser (left). Accepting the Arsenal's award for all the employees are Lt. Col. T. H. Bradley, Commanding Officer and Paul Borda, General Manager.

No Cut-back in Production

Suggestion Day Nets 250 'Ideas'

Over 250 suggestions have been received as a result of the special Suggestion Day, August 7, the Suggestion department announced.

"The majority of the suggestions appear to be quite practical," R. L. Baumgardner stated. He also pointed out that an average of only 80 suggestions are submitted in any one month, where as, the amount submitted jumped to three times that figure for just one day, through employees' special efforts.

All suggestions will be processed as quickly as possible and regular Company policy, in regard to adoption and awards, will apply to all suggestions.

However, employees can make every day of the year a "Suggestion Day" by using the suggestion blanks located in the boxes throughout the Arsenal.

149 Donors Give National Blood Program a Boost

Ravenna Arsenal employees gave the National Blood program another boost when 149 donors gave blood during the 11th visit of the American Red Cross bloodmobile on August 7. The collection again exceeded the 125-pint quota.

Fifty-one employees were first-time donors and 97 were repeat donors. One hundred and eighty employees, from both the day and afternoon shifts, reported to the Cleveland blood unit, but 31 were rejected.

Martha Crosby from Lake Milton gave her seventh pint of blood. Miss Crosby works in the Depot Administration department.

Employees who reached the sixth-pint mark during the 11th visit were: Steve Homolya, Scale shop, Youngstown; and Ray Neass, Ordnance Inspection, Ravenna.

Members of the Arsenal Ladies club worked in the canteen and assisted the Red Cross volunteers from Ravenna and Cleveland.

RAVENNA ARSENAL NEWS

It is better to light one candle, than to curse the darkness.

Arsenal is Second Plant In Ohio to Receive Bond Award

Arsenal employees have received the Treasury Department's award flag for having attained more than 80 percent participation in payroll savings for the purchase of "E" Bonds.

Ravenna Arsenal is the second plant in Ohio and first in Portage county authorized to fly this coveted Payroll Savings flag.

In presenting the award on behalf of the Treasury department, Harvey B. Heiser congratulated Arsenal employees for helping their country's defense effort by purchasing U. S. Savings Bonds through the payroll deduction plan.

Lt. Col. T. H. Bradley, Commanding Officer, and Paul Borda, General Manager, accepted this outstanding achievement flag for all the employees.

Arsenal payroll savings participation jumped from 35 percent to the present 84.9 mark during the past four months. As of August 6, salary personnel is up to 92.3 percent and hourly workers are participating 83.7 percent.

THE TREASURY flag will be flown at the Arsenal as long as the total participation stays above 80 percent.

Arsenal Visitor

Charles O. Roshon, Jr., Industrial Relations representative from the Ordnance Ammunition Center, Joliet, Ill., recently spent a week reviewing Ravenna Arsenal's industrial relations program.

Workers, Supervision Lauded For Past Four-month Progress

J. V. Cairns Speaks at Supervisory Meeting on 'Good Employee Relations'

Good employee relations is largely governed by the manner in which employee problems are handled by supervision, even those extending beyond the union agreement, J. V. Cairns told members of RAI supervision at their August 4 meeting.

Mr. Cairns, a member of the Firestone Industrial Relations staff, was guest speaker for the evening session.

This was the first combined supervisory meeting since April.

Speaking at both sessions, Paul Borda, General Manager, said "The success of this plant depends entirely on the ability of supervision to deal with their employees so as to cause worthwhile things to happen. The accomplishments of the past four months prove my convictions to be right."

Mr. Cairns pointed out that these employee problems may be governed by standard practices, working rules and policies of the company, or just common sense and a knowledge of how to deal with people.

The Firestone official asserted that supervisors and foremen were part of management and should act the part. "You must earn the respect of your employees and the people in your communities," Mr. Cairns stated.

"You will find man-to-man contacts much more effective than talking to employees in a group. Sometimes employees are shy about speaking in the presence of others. If you talk to him alone, you may get some ideas that otherwise would be lost," Mr. Cairns concluded.

Mr. Borda also stated, "We have again exceeded our quota of donations for the National Blood Program and participation in payroll savings is over 84 percent. Success of both ventures is entirely due to the activities of our employees."

"Our objectives remain unchanged. We are still shooting for maximum production, with high quality, low costs and safety."

(Continued on Page 2.)

Board Okays 9 Suggestions

Nine suggestions have been approved for payment by the Ravenna Arsenal Suggestion Board. The awards totaled \$170.

Top award of \$40 went to Howard Higgins, George Road shop employee from Newton Falls, for his winning idea on "insertion tools." Mr. Higgins also received a \$10 award.

Second highest award of \$35 was presented to Mitchell Wracher, Atwater, Machine shop, who has previously collected \$315 for his suggestions.

Two \$20 awards were approved, one to Mary Stewart, Ammunition Stock Control office, Newton Falls and one to Pipe shop employees Richard Benton and Anthony Stronz, both from Ravenna, for their joint suggestion. An award of \$15 was paid to Bernard Olmstead, George Road shop employee from Burton.

The remaining \$10 awards were presented to Harry Skilton, Warren, Department 60, Line One; John Patterson, Garrettsville, Engineering department; and Edward Moulin, Newton Falls, George Road shop.

It's Part of Growing Up

When four-year-old Johnny grabs a toy away from his younger sister, his mother probably will take immediate steps to correct him.

She may talk to him and explain what he did wrong—or, if it is a repeated offense, she may punish him—but which ever method she uses, her purpose will be to teach Johnny good manners.

Johnny's mother knows, as do millions of other parents, that learning good manners is a part of growing up. She wants Johnny to be well-liked and popular when he gets older, and so she knows she must help him become well-mannered.

If Johnny's mother is wise, she will put just as much effort into helping him form safe traffic habits. It can be just as slow and painstaking a job as teaching him good manners. It can be even more important.

Learning safe traffic habits also is a part of growing up—indeed, how well the lesson is learned can, and often does, determine whether a child will have a chance to to grow up. Last year more than 4,000 children, killed in traffic, didn't get that chance.

Recognizing the importance of traffic safety for our future citizens, we urge all Arsenal employees to practice "child safety" during September and every month thereafter.

Our children are returning to school and that means they will be crossing our streets and highways more frequently. And as motorists, we should be more alert. It is also a state law that you stop your vehicle when approaching a school bus loading or unloading its passengers.

To this vital and worthy effort we would like to add our support, and this advice to parents:

"Teach your child safety as you would good manners."

General Collins Pays Tribute To Ordnance Corps Accomplishments

(EDITOR'S NOTE—Major Gen. E. L. Ford, Chief of Ordnance, received the following letter from General J. Lawton Collins, Army Chief of Staff, on the occasion of his retirement from that office. General Ford stated, "It is with sincere gratitude that I pass on to you (Arsenal employees) his tribute to the accomplishments of our Corps.")

UNITED STATES ARMY THE CHIEF OF STAFF

10 August, 1953

No army in the world relies more heavily than ours upon firepower to save manpower. As a result, the activities of the Ordnance Corps are of tremendous importance to the success of our military efforts, and your own responsibilities as Chief of Ordnance are correspondingly heavy. In carrying out your tasks, you have displayed unceasing energy and persistence, a thorough knowledge of the needs of the man on the battlefield, and a firm grasp of industrial and business practice. You have had to solve many complex problems in helping the Army to fulfill the requirement of carrying on active operations in Korea while simultaneously laying a foundation for effective action in the event of general war.

The fact that you have built up a tremendous ammunition production capacity under conditions of partial mobilization is a tribute to the manner in which you have very ably administered the many activities of the Ordnance Corps. Great progress was made also in many other items so important to the combat effectiveness of the Army—Armor, Artillery and Guided Missiles, to mention a few. And, of course, this letter would not be complete without repeating what I have said to you before, that the history-making shoot at Frenchman Flat of the first atomic artillery shell is further proof of the foresight and industrial and technical know-how of the Ordnance Corps.

Your outstanding work has made a significant contribution to the success which the Army has achieved and has made it easier for me to discharge my own responsibilities.

J. LAWTON COLLINS
General,
Chief of Staff

"General Collins' letter is a tribute to each of you. I cannot, and need not, add anything except my own deep appreciation," General Ford added.

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Jerry Shafer, Lillian Bosko, Gerald Stamm, Millie Miscovich, Kathy Sarocco, Edythe M. Cooley, Flo Liskay, Alois Burnett, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzette Ledgerwood, Mary Kot, Dorothy Shaw, Sylvia Hinzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay.



AFFIXING a seal to an explosive truck before it leaves the Arsenal via Greenleaf gate is Thomas C. Schleicher Jr., Ammunition Stores Inspector from Lake Milton.

2,300 Trucks

(Continued from page 1)
inter-plant seal on the trailer. The gate inspector puts a second seal on the truck before it leaves the Arsenal.

Every truck entering the Arsenal is recorded by a Component Stores Department dispatcher at the Paris-Windham gate on Route 5. This includes explosive trucks using Greenleaf gate.

Information recorded by the dispatcher includes type of truck and license number, driver's name, type of material and destination. The trucker receives a tally sheet, which is also a gate pass, at the truck gate office.

Supplies designated for Buildings 807, 808 and 809 are handled by the dispatcher. All other incoming inert material, destined for load line production, is handled by Component Stores warehousemen located in the truck gate office.

Warehousemen at the gate office check the truck's packing list and freight bill. At the designated warehouse, the area warehousemen check the truck's load to see that the amount of cargo and lot number are correct. If there is a shortage or overage, the warehouseman has the truck driver sign for it.

The area warehouseman also fills out a data card for reference on everything that is received in Warehouse Groups 3, 4, 5, 6, 7 and 8.

After the area warehouseman tallies the shipment, the consignee's copy of the packing list and freight bill is sent back to the truck gate office. The material is then logged in at the gate office and the papers sent through the proper channels to Building 808, Materials Inspection and Production Planning which handles the final paper work on the distribution of the inert material to the load lines.

Butter, Margarine Are 'Fuel Foods'

Butter and fortified margarine are the "fuel foods", rich in energy-giving calories to help you avoid that tired feeling. In addition, both butter and fortified margarine contain important amounts of valuable Vitamin A. Both add staying power to a meal to prevent that "empty feeling" soon after eating.

Eat butter or fortified margarine every day! Your body is like a machine and these fuel foods help keep it running well.

The Arsenal cafeterias serve only the best creamery butter since colored margarine is prohibited by law. However, Nationwide Food Service takes advantage of this important food by using it in baking and in seasoning.

Believe me, every man has his secret sorrows, which the world knows not; and oftentimes we call a man cold when he is only sad. —Longfellow.



PREPARING a tally sheet for a truck driver delivering inert material to the Arsenal is Dispatcher Robert Shaffer, Component Stores, from Lake Milton. The trucker also uses the tally sheet as a gate pass.

Employee Sketches . . .

(EDITOR'S NOTE — With this issue of the NEWS we begin a new feature, "Employee Sketches." It is our intention to pick employees at random from various departments throughout the Arsenal and introduce them to the entire Arsenal family.)

Ravenna Arsenal has the distinction of having an elected mayor as one of its employees. He is Jack Streeter, Roads and Grounds foreman, and mayor of Hiram. Born in Bradford, England, Mr. Streeter came to this country when he was eight years old and lived in New York state for 23 years. Before coming to the Arsenal, he served five years with the U. S. Forestry Service. In January 1942, Mr. Streeter moved to his present home in Hiram. That same month he began working at Ravenna Arsenal as Roads and Grounds foreman, the job he still holds. Prior to being elected mayor, he was village councilman for five years and president of council for two years. Mr. Streeter is married and has four daughters. For recreation, he enjoys hunting and fishing and is president of the Arsenal Fish and Wildlife Conservation club.

Carol Frances Kenny, payroll clerk, was born in Cleveland 20 years ago and lived there until age 12. At that time her family moved to Mantua village where they are now living. She has two

brothers and two sisters. Her one sister, Estelle, is a stenographer for R. B. Rousmanoff, Employment Manager. Carol, with her blond hair, stands five feet, five inches and tips the scales at a neat 109 pounds, freckles and all. She graduated from Mantua high school in 1951 and worked in Cleveland before coming to the Arsenal in February 1952. An ambitious lass, Carol hopes someday to become an airline stewardess and later, a full-time wife and mother.

KENNY
graduated from Mantua high school in 1951 and worked in Cleveland before coming to the Arsenal in February 1952. An ambitious lass, Carol hopes someday to become an airline stewardess and later, a full-time wife and mother.

Have A Leg To Stand On When Buying Insurance

A total cost of all automobile accidents has been estimated at over three billion, 400 million dollars. At present all accidents are



costing the United States about \$8 billion a year, or an average cost of almost \$200 per family. (AFPS)

An Age Old Problem — They can't speed up, but you can slow down.

News In Brief

Ammonium Nitrate Line

Viola Terry attended the Order of the Eastern Star convention at Wilberforce State college during her vacation. She also visited Dayton, O., and Jamaica, N. Y. Gertrude Beal is back to work after her recent illness. Those presently on vacation are Howard Riddle, Ester Thompson and Robert Davis.

Laundry

Iva Hunk visited her son Sgt. Forest Hunk for a few hours August 22 in Dayton, O. Sgt. Hunk was on special detail from his Great Falls, Mont. base.

Ammunition Inspection

Grant Higgins is presently attending a 10-day course on Quality Control at the University of Michigan.

P. E. & I. Division

Grant Haney, Statistical Quality Control, and C. R. Branfield, Ammunition Inspection Chief, were in Joliet, Ill., August 19 attending a conference on continuous sampling at the Ordnance Ammunition Center.

Production Offices

H. L. Sorensen, Assistant Production Manager, and Michael Kray, Engineering, visited the Ordnance Ammunition Center, Joliet, Ill., August 17 to observe 90mm and 105mm shell loading operations. Production Planning office held a surprise baby shower for Mary Ann Siglew. August 22. Production Planning personnel also enjoyed a picnic August 23 at Dunn Eden park.

Powerhouse

Lawrence Shaw and family spent a week-end at Conneaut fishing. Cecil Wagner recently visited relatives in Pennsylvania. James Wilson spent his vacation in North Dam, Tenn.

Industrial Relations

We're glad to hear Bob Baumgardner, Suggestion Manager, has been released from the hospital following his auto accident. He is recuperating at home in Akron. Irene Myers and husband, Don, spent a weekend at Niagara Falls. Frank Mastromatteo enjoyed a weekend at Geneva-on-the-Lake. Harry Cox spent a few days of his vacation in Detroit.

Depot Area

Jim Workman, U-14, is presently vacationing in Columbus. While there, he plans to visit the Ohio State Fair. Lloyd Kyser, is vacationing in Canada. We're glad to have Pete Richards back again after his recent illness. Dwight Ringle and family motored to Florida for their vacation trip. William Carroll is visiting in St. Louis. Lewis Cannon and Frank Brown recently enjoyed vacations. Paul Amadio, former Depot employee who captained Kent State's Golden Flashes last fall, will play professional football in the Canadian League this year.

Medical

Dorothy Horning has returned from a tour of New York state, including Niagara Falls. Betty Flegal and husband, Andy of Line Two, spent their vacation deep sea fishing in Maine. Vivian Hindall and husband toured the New England states on their vacation trip. Nancy Blondo recently spent a week in Canada. In Canada now for her vacation is Dorothy Greenawald. Jessie Byrne and Ann Malmon are also recent vacationers. We're all hoping that Lois Stassin's husband, Paul, will recover soon from his illness. Our department recently surprised Dr. Rees, former medical director, by taking a picnic supper to his home in Tallmadge.

Load Line Two

Howard Bonham's son, Larry, recently left for the Navy, Larry, a former Line One employee, is stationed at Bainbridge, Md., in the Medical branch. Eleanor Yankovich has been released from the hospital and is convalescing at home. Ralph Dragan is back to work after his lengthy illness. Charles Mason is presently in Junction City, Kan., due to the sudden illness of his mother. Those who recently enjoyed vacations are Leslie Parker, Lester Burgess, Dorothy Jones and Ruth Rogers.

Load Line One

Get well wishes are extended to Robert Muse, who is confined to St. Joseph's hospital, Warren. We're happy to hear Minnie Rogers has been released from the hospital and is recuperating nicely at home. We express our deepest sympathy to John Luckett on the recent death of his brother. We're sorry to hear that Margaret Aphor's husband, George of the Signal office, has been confined to Akron City hospital. Eddie Humphrey, is at home recuperating from his recent auto accident. Marion Giddings is also home from the hospital. Cherie Barrow and Evelyn White recently vacationed in White Plains, N. Y. The Burt Cliftons spent their vacation fishing in Canada. Ray Kistler and family journeyed to Northern Michigan for their vacation. Lucinda Jones recently spent some time in New York. Roy Crosby and Randy Forney were among those who vacationed in Canada. Bruce Alexander and Alvin Brown visited relatives in New York City. Mona Weaver and husband journeyed to Iowa and Minnesota.

Engineering

The Roger Burns family stopped in New York and Pennsylvania sit relatives while on their way to Canada. John Mrofachak spent part of his vacation fishing in Canada, then took a motor trip through Virginia and Washington, D. C. Also in Washington D. C. was Dominic Giovannazzo. Bob Pavlick and wife Estella of Ordnance vacationed in New York. Also in New York were Betty Mike and husband Lawrence. Jean Miller and husband Dean of Transportation recently visited relatives in Norfolk, Va. Ed Stukbauer and family spent a week fishing at Round-up Lake.

General Stores

Raymond "Hap" Rogers and wife celebrated their 25th wedding anniversary at a party given at their home August 23. Their son, Ronald, who is in the Air Force at Scott Field, Ill., and his wife were home for the occasion.

George Road Shops

Get well wishes are extended to Gordon Stairs who is confined to St. Joseph's hospital and to Harold "Joe" Brode, in Robinson Memorial hospital. We're happy to hear Tom Wright's convalescence is coming along fine. The New England states held vacation interest for several of our employees. Those who motored through the northeastern states were Dave French and wife Lillian of U-14, Jean Maynard and family, John Dalrymple and family and Tony Stronz and his wife who traveled on to Canada. George Derr is presently vacationing in Tamaqua, Pa. E. Hill is vacationing in Minnesota. The David James family enjoyed a vacation in Michigan and the Ed Lettows are at Whip-poor-will Lodge in Ontario, Canada. Bob Fuehrer, wife and daughter spent their vacation visiting relatives in Tamaqua and Philadelphia, Pa.



ARSENAL Firefighter Elmer A. Kilmer, a collector of all types of weapons, is shown holding an arrowhead found embedded in the skull of a deer, along with part of his gun collection. The deer skull, owned by F. T. Chapman, Mantua, was found in Black Brook, Mantua township. The arrowhead was lodged in the right, upper jaw under the eye. The deer apparently could not drink, fell in the brook and drowned.

Meet Your Reporters

Work-order Clerk Mary Kot serves as NEWS reporter for the

George Road shops. Mary started working at the Arsenal in March 1951, transferring to RAI in October 1952. A native of Martins Ferry, O., she is married and now makes her home in Windham. Even with two small sons to care for, Mary finds time to golf and play bridge. Also, she is a member of the American Legion Women's auxiliary. Mary gained her first experience as a reporter on the Yorkville high school newspaper.

KOT
care for, Mary finds time to golf and play bridge. Also, she is a member of the American Legion Women's auxiliary. Mary gained her first experience as a reporter on the Yorkville high school newspaper.

Norma Harvey, NEWS reporter for the Artillery Primer Line, was a teletypewriter operator at the

Ravenna Evening Record before starting at Ravenna Arsenal in June. Born in Freedom, Norma now resides with her husband and two children in Newton Falls. She is married to Ray Harvey, an Arsenal truck

driver. Norma graduated from Freedom high school and attended Boeckers business college. This is her first experience in news reporting.

THEY ALSO SERVE!

The men who mine coal, and fire furnaces, and balance ledgers, and turn lathes, and pick cotton, heal the sick, and plant corn — all serve as proudly and as profitably for America as the statesmen who draft treaties and the legislators who enact laws.

Dwight D. Eisenhower

Artillery Primer Line

Frankie Byrd and family recently spent a weekend visiting friends and relatives in Pittsburgh. Mr. and Mrs. Wilbur Wright celebrated their recent birthday anniversaries with friends at a dinner party. Frank Bower and family vacationed at Rochester, N. Y. and Niagara Falls. The Delson Wilhelm family visited in Dearborn, Mich. and Buffalo, N. Y. during their vacation.

Ordnance

Recent vacationers were Harold Kline and Ted Jasch. Those currently enjoying vacations are Carroll Rubin and wife Elsie in Florida and C. R. Kennington who is visiting his son, daughter-in-law and new granddaughter in Norfolk. Information previously received concerning the mother of Charles McKinley, as reported in the last issue of the NEWS, was in error. Her condition is still very critical.

Arsenal Firefighter Started Collecting Old Guns in 1930

A hobby of saving rifles and pistols of various makes and dates became a reality for Firefighter Elmer A. Kilmer in 1930 when he heard the National Rifle Association was selling old Army rifles and pistols.

Mr. Kilmer bought his first guns from the association and now has over 40 weapons, all in good firing condition. He is still adding to his collection. The guns shown above are as follows:

(1) Starr Civil War revolver, Caliber 44; (2) Springfield Musket, 1846 model, Caliber 69. This model was the first of the cap locks and the last of the smooth bore rifles. The bayonette (above) belongs to this rifle; (3) British Enfield rifle of 1852, Caliber 575. This was used by both Confederate and Union armies in the Civil War; (4) U. S. rifle of 1863, Caliber 58. Bayonette (below) belongs to this rifle; (5) U. S. Springfield carbine, Caliber 45. This type weapon was used by General Custer's troopers in the battle of the Little Big Horn. (6) Rifled musket, Caliber 75, formerly a flint lock type. The origin is unknown, however, the Hessian bayonette (above) fits the rifle; (7) U. S. Springfield rifle, Caliber 50, model 1866. Bayonette (above) fits this rifle; (8) Squirrel rifle, Caliber 41, straight-cut bore; (9) Squirrel rifle, Caliber 32; (10) U. S. Winchester, 1870 model, Caliber 22. This gun was used for Army recruit training.

(11) REMINGTON Navy model, 1866, single shot, Caliber 50; (12) British issue "Webley", Caliber 38, Smith and Wesson, used in World War II. (13) Starr carbine, Caliber 55, breech-loading type and fired by a cap. This was used in the Civil War, also. (14) British "Manton", 12-gauge muzzle loading shot gun; (15) High Standard HDM, Caliber 22, long rifle; (16) U. S. pistol of 1846, single shot, smooth bore. H. Aston of Middletown, Conn., was paid \$6 each for making 30,000 of these pistols; (17) Single shot rifled pistol of about 32 Caliber. This weapon is partly homemade; (18) British rifled pistol, about 1855, single shot, Caliber

55. Also, partly homemade; (19) 1895 colt, stamped "A&N" (supposedly Army and Navy), on crane. This weapon was used in the Spanish American War. Caliber 38; (20) 1905 colt, Caliber 38 special.

Mr. Kilmer started working at the Arsenal on one of the first construction crews in 1941. A year later he transferred to the Atlas Powder Guard Force and was a guard for ten years, later transferring to the Fire department.

Sports Quiz

Answers

1. While managing the Philadelphia Athletics, Connie Mack won nine pennants. Joe McCarthy, while piloting the Yankees, won eight pennants.

2. None. The famous Oldfield, one of the greatest drivers of his day, was never a winner of the Indianapolis classic.

3. Hoyt Wilhelm, New York Giants, with an earned-run average of 2.43, led National League hurlers. He was followed by Warren Hacker's 2.58 ERA.

4. On the salt flats of Bonneville, Utah, Sept. 16, 1947, John R. Cobb, driving a Ralston Red Lion, was timed at 403.135 mph, fastest ever recorded on land.

5. Golfers. All recently competed in the U. S. Open Golf tournament at Oakmont, Pa.

Poor judgment results in accidents.



Three Golf Leagues Wind Up Season; Dubbers End Sept. 10

Three Arsenal Golf leagues have finished the 1953 season in a blaze of glory. Victorious two-somes are: Bentz-Crutcher, Lynds-Tekely and Kurtz-Prezioso. Dubbers league action ends September 10.

In the Comptrollers' Golf loop, Ralph Bentz and Ed Crutcher held onto their lead to win the league crown. Second place went to Nick Tambures and Tom Hendricks.

Pete Lynds and Ed Tekely finished the Arsenal golf season with a 71½-12½ tally and the Par Busters championship. Jack Ruble and Mike Garro took the number two spot.

The Pine Tree league crown went to Art Kurtz and Angelo Prezioso



CONGRATULATIONS to Mr. and Mrs. Leo Stegal of Akron on the birth of a boy, Lamar, August 10. Mr. Stegal is employed in Department 76, Line Two.

A GIRL, Cathleen, born to Mr. and Mrs. Willie Purnell of Ravenna on August 5. Mr. Purnell works in Department 75 Line Two.

A GIRL, Lark Louise, born August 14 to Mr. and Mrs. Albert Babington of Ravenna. Mr. Babington works in Department 66 Line One.

BELATED congratulations to Mr. and Mrs. Chris Henderson of Ravenna on the birth of a boy, Maurice, July 28. Mr. Henderson works in Department 75 Line Two.

A BOY to Mr. and Mrs. Gerald Decker of Ravenna. The baby, born August 5, was named Donald Lee. Mr. Decker is employed in Department 64 Line One.

CONGRATULATIONS to Mr. and Mrs. Herman Peterson of Warren on the birth of a boy August 17. Mrs. Peterson formerly worked in Department 65 Line One.

A GIRL, Dawn Elaine, born August 11, to Mr. and Mrs. Donald Kleinsmith of Ravenna. Mr. Kleinsmith is employed in Department 195.



U. S. Army Photo

COMMUNICATION familiarization was the order of the day for three Arsenalites during two weeks summer training with the 83rd Infantry division at Fort Knox, Ky. Inspecting a walkie-talkie are, left to right, Cpl. Richard P. Sands, Ordnance Inspection; Cpl. Dewey Gatts, Jr., Department 194; and 2nd Lieut. Robert C. Browning, Department 190.

Fisherman's Dream Comes True!



AMONG THE EIGHT fish caught by R. Z. Plough, Roads and Grounds, is one which is truly a fisherman's dream come true. On August 22, the first day of his vacation, Mr. Plough snagged an 8 and 3-4-pound channel catfish on his nine-pound test line and landed it one-half hour later. Fishing officials stated the 27-inch cat is the largest caught this year at Lake Milton where Mr. Plough and his wife are spending their vacation. The other "big" fish in his haul weighed three pounds, and the remaining six cats weighed about one pound each.

Softball Squads Enter Final Two Weeks of League Action

George Road and the Comptrollers nine, with only three defeats between them, have entered their final two weeks of action in the National and American Softball leagues.

First place positions in both leagues have been clinched, but the competition is getting tighter for the number two spot.

Materials Inspection handed the George Road squad their first defeat by a score of 4-2, while the Comptrollers lost their second game to the Pleasant Valley A. C. by a 13-7 tally.

The Arsenalites bumped Materials Inspection from second place in the National loop standings.

In the American league, Pleasant Valley is holding their number two spot with eight wins and five losses. Standings for both leagues are:

AMERICAN LEAGUE			
TEAM	W	L	
Comptrollers	11	2	
Pleasant Valley A. C.	8	5	
Gear Grinders	7	6	
Salvage	6	8	
Building 808	5	8	
Roads and Grounds	3	10	

NATIONAL LEAGUE			
TEAM	W	L	
George Road Shops	11	1	
Arsenalites	7	4	
Materials Inspection	5	4	
Bolton Barn	4	6	
P. E. Line	0	10	

Weddings

BOYKIN-LYLES
Miss Velma Lyles, daughter of Mr. and Mrs. Benjamin Lyles, became the bride of Robert Boykin, July 24 at the Ravenna Alken chapel.

The new Mrs. Boykin is employed in Department 66 Line One. Her husband is the son of Mr. and Mrs. John Boykin of Kent.

RUFF-SIMONETTI
The Warren First Methodist church was the scene of the marriage of Miss Mary Lou Simonetti to Frank M. Ruff on August 15.

Mr. Ruff, who is employed in the George Road Carpenter shop, is the son of Arsenal employees Mr. and Mrs. Arthur Schwenk of Windham. His bride is the daughter of Mr. and Mrs. Edna Simonetti of Warren. David Veils, also of the Carpenter shop, served as best man for the couple. They are residing now in Warren.

Enteries for Men's Golf Outing Must Be in by Sept. 8

Entries for the second annual Arsenal Men's Golf outing must be in the Recreation department by September 8. The outing will be held September 12 at Meadowview Golf course and is open to all male employees.

The days events will start at 8 a.m. Luncheon, at the picnic grounds, will be served from 1 to 3 p.m. Included with the golfing contests will be a drawing for prizes.

Dick Spencer, Glen Taylor and Merle Wilkinson have been named to the prize committee while Er Burns is handling the preparations.

Interested employees should obtain separate entry blanks from their department manager. Also, the cost of the outing — \$3 per person — may be paid by payroll deduction if so desired.

Arsenalites in the Armed Forces

Former employees serving in our country's Armed Forces would appreciate even a "one-page" letter from their former co-workers and friends at the Arsenal. Don't wait — do it "write" now! Also, anyone having military addresses of employees are asked to send them to Industrial Services, Room 15, Personnel building.

Arsenalites who recently entered the Armed Forces are Kenneth Barr, Department 194 Depot, Ravenna; L. C. Mosley, Department 76 Line Two, Akron; Memphis Pittman, Department 195 Depot, Alliance; and John Swigart, Jr., Department 66 Line One, Alliance.

Also, Charles Bratton, Ammunition Inspection, Ravenna; Clyde Burke, Department 71 Line Two, Ravenna; Howard Hilker, Transportation, Atwater; Darrell Jones, Department 76 Line Two, Ravenna; and Luther Nutter, Jr., Railroad Operations, Ravenna.

We have received a new military address for D. L. Romick, former Depot warehouseman. It is Pvt. D. L. Romick, US 52272123, Headquarters, P. W. Command, 8203rd AU, APO-59, c-o Postmaster, San Francisco, Cal.

POSTMASTER: If undelivered at the address shown, please return to the Arsenal, P. O. Box 96, Apo, Ohio.

Arsenal Visitors

View and staff visit of various Arsenal engineering functions was conducted by Lt. Col. T. J. Guerdum, C. W. Smith, H. S. Pickernell, O. R. Simmers and H. W. Freeman from Second Army Headquarters on August 19, 20.

Design, operation and maintenance of Arsenal electrical systems were inspected by C. W. Carstens and T. W. Daniels from OAC.

Corps of Engineer visitors included F. F. Fahringer, Huntington district, and E. A. Worden from Louisville district. Harry Pockras, R. A. Lundius and J. J. Konrad from Huntington district office, reviewed installation of facilities on Lines Three and Four. Accompanying them were D. White and R. M. Arnold of the Beiswenger and Hoch Architectural Engineering firm of Akron.

Roy Templeton from Lone Star Ordnance, Texarkana, Tex., visited the Arsenal August 18 to observe 155mm operations.



Vol. 2, No. 15

RAVENNA ARSENAL, INC., APCO, OHIO

September 1, 1953

OAC Official Reviews Traffic Control Program

Safety Glasses With 'Style' For Work, Home

For the past two years, Ravenna Arsenal has had a convenient method by which all employees can obtain prescription-ground safety glasses at less than half the cost of regular glasses.

These glasses, which are fitted by an experienced optician, will not shatter in case of an accident. In addition, "dress style" frames may be obtained, giving the employee eye protection and "style" in the plant and off the job as well. The cost of the glasses may be deducted from the employee's pay.

A representative from the optical company is at the Arsenal the first and third Wednesday of every month. Interested employees should contact their supervisor or foreman for ordering prescription-ground safety glasses.

BE A WISE OWL — SAVE YOUR EYES!

Arsenal Float To Appear in Hiram Parade, Sept. 19

Ravenna Arsenal's float portraying "Ammunition Loading Yesterday and Today" will appear in Hiram's Sesquicentennial celebration parade on September 19.

On August 15 the float was part of the Windham Sesqui celebration and August 22 it was among the Braceville parade floats. Arsenalites who rode the float in the Windham celebration were Pat Strohm, Department 66 Line One; Dan Grafton and George Sigman, Component Stores, all from Windham.

Component Stores employees who participated in the Braceville parade were Don Yenulonis, Garrettsville; and Bob Branik, Paul Green and Gerald Ballas from Newton Falls.

The unit, which was constructed by Arsenal Carpenter and Paint shop employees, also participated in Newton Falls, Warren, Kent-Ravenna and Akron Sesquicentennial parades.

Live and Let Live!

Enjoy your Labor Day weekend and "LIVE AND LET LIVE" by practicing extreme safety on the highways and byways during the holiday. Be a real live worker on September 8 instead of a Labor Day accident statistic.



DISCUSSING OAC's program kit on traffic safety promotion with Harry F. Berlin (center), OAC Traffic specialist, are Larry A. Geer (left), Transportation foreman; and C. F. Craver, Safety Security and Training manager. Mr. Berlin, who has been at the Ammunition Center since September 1952, visits the 23 OAC installations to analyze their Traffic Control programs and participate in the development of more effective techniques for accident prevention. Prior to his present job, he was with the Illinois Department of Public Safety, working with both the State Police and Traffic Commission. Mr. Berlin also served as Assistant Director of Training at the Illinois State Police academy and is a graduate of Northwestern University Traffic institute.

2,300 Trucks Enter Special Arsenal Gates Every Month

All material, both inert and explosive, received at and shipped from the Arsenal by commercial truck passes through two special gates. More than 2,300 trucks enter these gates during an average month.

Explosive trucks enter and leave the Arsenal through Greenleaf gate on old Route 5. All other trucks pass through the Paris-Windham gate on Route 5.

Explosive truck gate was opened in July this year and prior to that, both inert and explosive trucks used the Paris-Windham gate which was opened June 1952. The gates were opened to alleviate traffic congestion at the Main gate and provide a better access to the commercial truck's destination inside the Arsenal. Prior to the change, all trucks used the Main gate.

The unit, which was constructed by Arsenal Carpenter and Paint shop employees, also participated in Newton Falls, Warren, Kent-Ravenna and Akron Sesquicentennial parades.

Explosive trucks entering and leaving the Arsenal via Greenleaf gate are cleared by an Ammunition Stores inspector. Empty trucks entering the gate have their type of fuel used, fuel tanks, engine, body cab, steering mechanism, trailer flooring, cleanliness of cargo space, electric wiring, brakes, fire extinguishers, etc. checked by the inspector.

Occasionally a truck is refused admission to the Arsenal for minor reasons such as bad flooring, missing gas tank cap or no explosive signs. The drivers are sent to the nearest town for these repairs.

The inspector checks the seal on incoming explosive-loaded trucks and also for any sabotage devices.

Most explosive-loaded trailers, if destined for a load line, are dropped by the commercial carrier and

Driver Attitude Is Important Fact, Arsenal Supervision Told

"Driving is a privilege, abuse it and you lose it," Harry F. Berlin, Traffic specialist from the Ordnance Ammunition Center, told members of Ravenna Arsenal supervision at an informal meeting August 27.

Mr. Berlin went on to say, "On all levels, national, state and industrial, Traffic Control is handled mostly from a negative approach, that is 'don't do this, don't do that,' however, it's what you do positively and constructively that's important."

"Traffic Control is the foundation for your safety program since it embodies more than just accident prevention. Always think in terms of this control rather than accident prevention, because safety is the by-product of good Traffic Control. With proper emphasis on the control program, a good job will be accomplished and accident frequency will decrease."

"It is the function of Traffic Administration to control the movement of automotive, railroad and pedestrian traffic so that maximum efficiency, utilization and safety are achieved at the lowest possible cost."

"Your mental attitude, when behind the wheel of a vehicle, will determine your driving philosophy. Remember, highways and streets are public thoroughfares, not private speedways."

"Our prime objective from Traffic Control is better production at a lower cost," Mr. Berlin concluded.

"It is important for everyone to realize that driving a motor vehicle is not a right that belongs to everyone, but a privilege given by virtue of certain qualifications, and it can be taken away if abused or violated."

"This is the basic philosophy of the Traffic Control program which will rise or fall, depending upon the attitude of the driver. This philosophy applies even more strongly to employees who use government vehicles."

"Included in the program philosophy is driver selection, testing and training; enforcement of posted regulations; management sup-



PATROLMAN Robert Helsel of the Guard Force checks the tally sheet-gate pass of a large commercial truck entering the Arsenal's Paris-Windham gate with a load of inert material.

Absenteeism Hits New Low!

Arsenal departments are to be commended for the efforts which have been made to reduce absenteeism. Absentee rates for the month of August are the best shown during this year.

Total absenteeism percentage for August was 5.5 percent which is a 10 percent reduction over the month of July. Figures for separate departments range from zero percent to the high of 8.9 percent found in the Load Lines.

Preventative Maintenance, Railroad Maintenance shop and Fuze Line Two had no absences in August. Those departments which had absences of one percent or less were Stores and Stock Control Records. Materials Equipment and Repair shop, Powerhouse, Space Heating, Water and Sewage and the Fire department

Despite the encouraging drop of absenteeism in most departments, there are still some in which the figures are too high. Absenteeism among salaried personnel was nearly one and one-half times higher than the July figure.

Absences from work result in the loss of take-home pay. In addition, each employee is depended upon to do a job for which he is trained. When he is absent, his work suffers from lack of experienced help who must be replaced, and the danger of accidents increases. Quality is also impaired for the same reason.

It is imperative, therefore, that every employee understand the importance of his being on the job daily, not only from the standpoint of being a bread winner, but also to be a member of the Arsenal team which is here for the purpose of producing ammunition for our Armed Forces.

Loose Talk Is Dangerous!

The above slogan was widely used during World War II with good effect. All Americans realized that the personal safety of our brothers, sisters, husbands, wives and friends was dependent upon elimination of all loose talk.

Today, an armistice in Korea has been obtained and the United States is not engaged in a shooting war. We are all hoping for an honorable and lasting peace. However those Americans now employed in defense installations, such as all of us at Ravenna Arsenal, must still remember "Loose Talk Is Dangerous."

Loose talk can give an unknown and unidentified agent a bit of information which might be useful to a hostile country in a future war, or in preparing for war.

In the interest of peace and security for ourselves, our children and our friends, it is imperative that each of us continue to put forth our best efforts on the job, and then "leave the job at the Arsenal!" at the end of the day. The grocery store, the barber shop, or our homes, are not places for bragging about what we produce, how we produce, or at what rate we produce ammunition.

News released by Ravenna Arsenal to newspapers is carefully screened to make sure nothing is revealed which endangers our national security. It is imperative that each of us do our part in promoting our national security by always remembering "Loose Talk Is Dangerous," and is punishable by law.

Ravenna Arsenal NEWS

Vol. 2, No. 16 --- September 17, 1953

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Jerrie Shafer, Lillian Bosko, Gerald Stamm, Millie Miscevic, Kathy Sarrocco, Edythe M. Cooley, Lou Liskay, Alois Burnett, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzette Ledgerwood, Mary Kot, Dorothy Shaw, Sylvia Huzzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay, Richard Lawless.

Only Rabbits See In both Directions At the Same Time

As the driver of a vehicle, you are your own boss, and capable of handling the vehicle with the skill of a professional or the recklessness of an amateur. However, there is one operation — "backing" — when it helps to have someone else guide you.

Backing would be a simple operation if human beings were equipped with eyes like those of a rabbit, who is capable of seeing in front and in back at the same time. Unfortunately, we cannot do such tricks and must turn around to see behind us.

Backing limits vision and involves rare muscle and brain coordination. It should be done slowly and cautiously, for that reason. Rear-view mirrors are fine for open road driving, but they cannot guide you sufficiently while backing.

Follow these rules for safe backing:

- (1) Before backing, get out of your vehicle and make sure the area is clear.
- (2) Back slowly and be prepared to stop suddenly if necessary.
- (3) If possible, have another person guide you.
- (4) Even though the area may be clear when you start backing, always open your door and look over your shoulder for possible obstructions.

Statistics released by the National Safety Council show a major portion of vehicle accidents are caused by reckless backing.

Danger Signals!

Many people die needlessly of cancer because they go to the doctor too late. Learn the seven danger signals which may mean cancer NOW.

By knowing them and going to a doctor on the first appearance of any one of them has saved many lives and some day may save yours.

- The seven signals are:
1. Any sore that does not heal.
2. A lump or thickening in the breast or elsewhere.
3. Unusual bleeding or discharge.
4. Any change in a wart or mole.
5. Persistent indigestion or difficulty in swallowing.
6. Persistent hoarseness or
7. Any change in normal bowel habits.

The men who try to do something and fail are infinitely better than those who try to do NOTHING and succeed at it.

Arsenalites in the Armed Forces

We have received a new address for former Depot employee Paul Gless. Paul reports Army life is fine, but he would rather be back at Ravenna Arsenal. His address is: Pvt. Paul E. Gless, 52344230, Co. D, 10th Med. Tank Bn., 5th Armored Division, Camp Chaffee, Ark.

Arsenalites who recently answered "Uncle Sam's" call are Charles Corbit, Department 74 Line Two, Ravenna; Lamar Dubose, Department 66 Line One, Akron; Holly Friend, Department 76 Line Two, Ravenna; Edward Ruff, Receiving and Inspection, Kent; George Swatko, Jr., Salvage, Diamond; and John Thomas, Department 194 Depot, Ravenna.

Employee Sketches . . .

George Murphy, Guard Force radio dispatcher, is a "Leatherneck" on inactive status. A lifelong resident of Youngstown, Mr. Murphy entered the Marine Corps when he was 19 years old. He had completed nearly 23 years of service when he went on inactive duty in 1949 as a master sergeant. Among the outstanding World War II battles in which he participated was for the island of Iwo Jima. Mr. Murphy began working at the Arsenal in February 1951, and in October of that year assumed his present position of radio dispatcher. He transferred to Ravenna Arsenal, Inc., in February 1952. Mr. Murphy is married and has one son. For recreation he enjoys fishing.



MURPHY participated was for the island of Iwo Jima. Mr. Murphy began working at the Arsenal in February 1951, and in October of that year assumed his present position of radio dispatcher. He transferred to Ravenna Arsenal, Inc., in February 1952. Mr. Murphy is married and has one son. For recreation he enjoys fishing.

Cobey J. Jenkins, Employment's man-Friday and chief interviewer, was born in Eckhart, Md. He graduated from high school in Coalport, Pa., and moved to his present home in Windham in 1946. An Army veteran of three and one-half years, Mr. Jenkins attended Otterbein college and Kent State university. He was employed at the Arsenal in 1946 for a short period prior to attending college. He returned to the Arsenal in 1948 as a munitions handler, later being promoted to Labor and Equipment Pool foreman. In February 1951, Mr. Jenkins transferred to Ordnance Per-



JENKINS

sonnel as a placement clerk. A few months later he was made an employee utilization technician and in June 1951, transferred to Ravenna Arsenal, Inc. as an interviewer. Mr. Jenkins enjoys dancing and all types of sports and is the owner of an unusual collection of stamps.

The first suggestion system was started by a shipbuilding firm in Scotland about 1880. Since then, industry has been looking for an answer as to why some people get ideas and others don't.

In this search for an answer it was found that most suggestions are hatched because someone wants to make his job easier. It was also learned that most ideas just pop into the heads of suggesters. Anyone who deliberately sits down to think up an idea seldom gets results.

The real trick is to be alert enough to recognize the idea when you get it and then follow through with a suggestion. No one can work at a job day after day without having some ideas for improving it.

But in most cases the thought just pops into the mind, stays there briefly unrecognized, and quietly steals away.

Don't let the idea get away, trap them on an Arsenal Suggestion blank.

HELP YOUR SUGGESTION SYSTEM TO HELP YOU.

It is well for a man to respect his own vocation whatever it is, and to think himself bound to uphold it, and to claim for it the respect it deserves.

—Charles Dickens.

When a dish breaks at home, you may not replace it right away. But sooner or later, you have to buy some new dishes. That's an expense you can't avoid if you are going to keep your household going.

But you can do something about the size of that expense. By breaking fewer dishes you keep the expense down.

On the job it's the same. The more breakage, the greater the expense. But every time you use a piece of equipment properly — or handle tools and supplies with care — you help your Company keep its expenses in line. And that's one of the best ways to make jobs more secure.

Courtesy Elliott Servid, Mount Vernon, N.Y.

When a dish breaks at home, you may not replace it right away. But sooner or later, you have to buy some new dishes. That's an expense you can't avoid if you are going to keep your household going.

News In Brief

Transportation

Congratulations to Annabelle Barker, Traffic, whose surprise marriage to Leroy Hall took place September 5th at Diamond, Ohio.... E. C. Weyrich, Scrap and Salvage, and wife attended the American Legion convention in St. Louis the week of August 30. Mr. Weyrich was a delegate from the 14th district and also a delegate to the 40 & 8 convention. Ed claims it was pretty hot but enjoyable. After attending the convention, they made a visit to Springdale, Ark. Mrs. Weyrich's home.... Helen Wyko has transferred from Time Study to Railroad Operations.

Powerhouse

E. A. Diehl and family motored along the East coast to Tampa, Fla., and returned through the inland states on their vacation trip.... Harry Pownell and family visited relatives in Flint, Mich., and traveled by boat north of Bay City returning along the bay into Flint.

rd Line Two

Leo Moneypenny, Department 74, recently vacationed in West Virginia.... Howard Breiner, Department 76 visited Atlantic City while on his vacation.

Ammunition Inspection

Get well wishes are extended to Albert Steele and John Humenik who are recovering from operations.... Grover Shaw recently vacationed in Canada.... David Eason enjoyed his vacation visiting friends and relatives.... Wilbur Bussan is presently in Alabama for his daughter's wedding.

Depot Area

Our deepest sympathy to Paul and Creed Hardman, U-14, whose brother, Sgt. Kester B. Hardman, died in a North Korean prison camp.... Our sympathy is also extended to Henry Cutlip, U-14, on the recent death of his brother-in-law, Nicholas Prunty of Gassoway, W. Va.... Also to Lillian French, U-14 office, and husband, David of the George Road shops, on the death of their brother-in-law, Francis J. Ryan of New York City.... Betty Cook, U-14 office, and husband, John, spent a week fishing in Canada with Ralph Greene and family. Other recent Depot vacationers are Clyde Weekley, Lewis Koonitz, Eugene Crum, Edward Wadyka, Fred Laughlin, B. Janssen, G. McKirick, Fred Hensley, Kenneth Collins, C. Higgins, Leonard Walker, Charles Miller, Cyril Colton, Harold Smith and Charles Heckman.

Water and Sewage

Robert Howell and family spent part of their vacation at Cedar point.... William Hill, who recently returned from Naval Reserve training, spent his vacation in Montreal, Canada and touring the New England states.... Water and Sewage personnel enjoyed a Weiner and corn roast August 30 at Jack Powell's residence.

Nationwide Food Service

Charles Capeland spent his vacation in Zanesville and Marietta, O.... Murray Dickey recently enjoyed a week visiting friends and relatives in Bowling Green, O.... Cafeteria personnel recently enjoyed a weiner roast at the home of Mrs. Dessie Swecker.

Stores Stock Control

Audrey Polglaze accompanied by husband and daughter, Nancy, visited relatives in Illinois and Minnesota.... Shirley DeLong spent her vacation at Buckeye Lake, O.... William White spent his vacation visiting his mother in Cumberland, Md.... Nellie Kentris and husband spent Labor Day weekend in Detroit.... Joseph Sabatini spent his vacation in New Jersey and New York.... Anita Winters, Industrial Service, is back to work after her recent illness.... Our sympathy is extended to John Lawrence on the death of his mother-in-law.... Virginia Wancik vacationed in Washington, D. C.... Welcome to Edith Kouba who recently transferred to Industrial Service Stock Control.

Washing with Solvents Can Cause Skin Disease, Illness

Serious skin disease and internal disorders can result from washing hands and body with solvents, such as blank rolla, carbon tetrachloride, naphthalite and acetone.

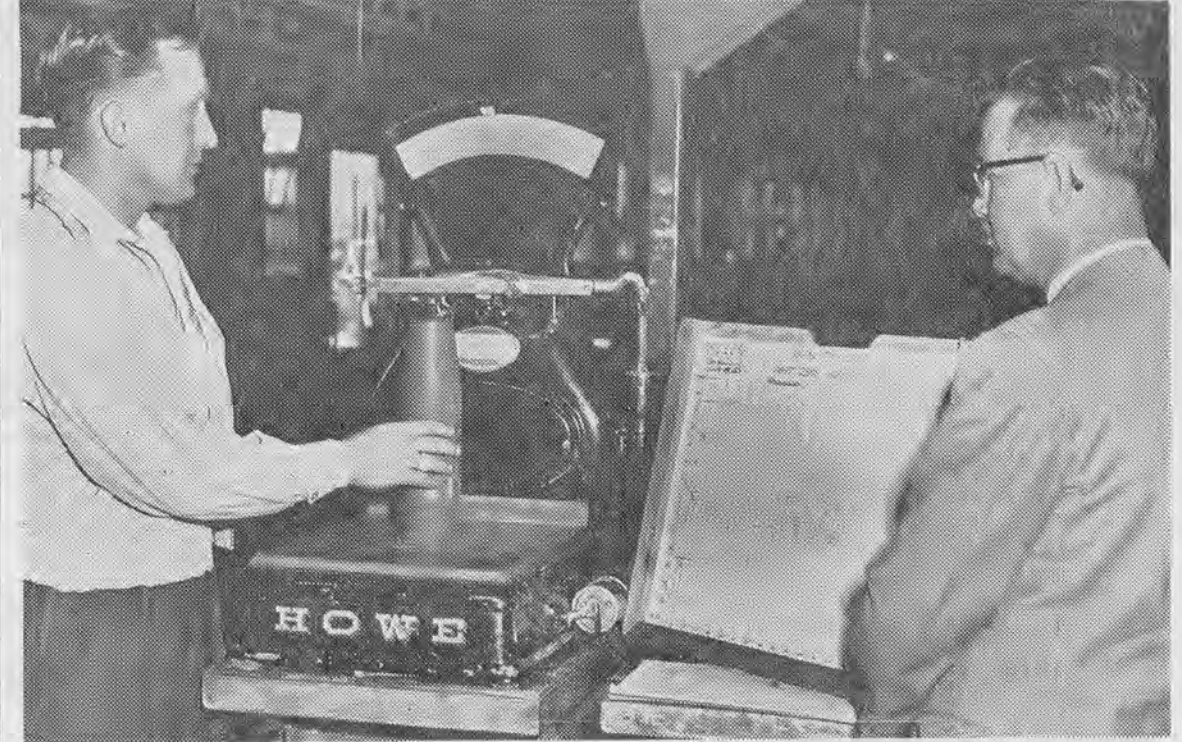
A solvent is primarily a degreaser. It cleans surfaces by removing grease and oil which is excellent for metal machinery. However, when used on human tissue, it not only removes grease and grime, but also removes the skin's natural oils.

These natural oils, which lubricate the skin and prevent "cracking," form a protective layer that keeps dirt, chemical irritants and other harmful substances out of the body.

When these oils are removed, the skin becomes dry, cracked, rough, chapped and scaly. The way is then open to germ infection, since breaks in the skin give bacteria a foothold in the body.

The FINAL result is a disease called "eczema" — an extremely irritating skin affliction which takes months, sometimes years, to cure. In addition, physicians state solvent may be absorbed through the bloodstream and cause painful internal illnesses.

When using solvents at work, solvent-proof rubber gloves, sleeves and aprons should be worn. If such clothing is impractical for the job, a protective cream may be applied to the skin. In case solvent is spilled on the skin, it should be washed with soap and water immediately and cream applied. Medically approved skin cleanser is provided in Arsenal wash rooms. Skin is the body's first



CHECKING the tolerance of a 90mm projectile that has been pre-zone weighed by Line One production employees is John R. Hollenbach (left), Process Inspection, from Mantua. Mr. Hollenbach checks five shells from each tray of weighed shells to insure that the projectiles will remain in the same zone after being loaded with explosives. Holding a Statistical Quality Control chart is William B. Davis, SQC inspector from Ravenna. The inspected shells are plotted on the chart to determine their exact weight and the efficiency of the pre-zone weighing operation.

Quality Control On Load Line One

(Continued from page 1)

rejected due to shells falling out of zone in Ordnance acceptance samples.

A Process inspector in Department 66 takes five inert projectiles from each tray and checks the predicted pre-zone weight. Each set of five shells are plotted on the department's SQC chart every shift to determine their exact tolerance and the efficiency of the pre-zone weighing operation.

If the inspector finds one or more of the five shells falling out of the predicted zone, the pre-zone scales are checked. If the scales are working properly, then the entire tray of shells are re-worked by production.

Meet Your Reporters

Elizabeth Jura, NEWS reporter for the Laundry, is a native of Coatesville, Pa. She graduated from high school in Benwood, W. Va., and now resides with her husband and five sons in Newton Falls. Elizabeth began working at the Arsenal in November 1951, transferring to Ravenna Arsenal, Inc., March 1952. In her free time, Elizabeth enjoys swimming and dancing. Also, she is secretary of the Madonna club at St. Mary's church and second color-bearer for the VFW Auxiliary, Post 3332.



JURA

A GIRL to Mr. and Mrs. Earl W. Ogden of Warren on August 31. Mr. Ogden is a truck driver at the Main Service garage.

CONGRATULATIONS to Mr. and Mrs. William Syron of Youngstown on the birth of a daughter, August 15. This is their third girl. Mr. Syron works in Production Planning.

A GIRL to Mr. and Mrs. Frank Mezzatesta of Ravenna on August 27. They named her Anna Marie. Mr. Mezzatesta is employed as a truck driver at the Main Garage.

CONGRATULATIONS to Mr. and Mrs. Edward Reed of Newton Falls on the birth of a daughter. Mr. Reed is a mechanic at the Main Garage.



TAYLOR

Now Is the Time to Check Your Furnace and Chimney at Home

It's time to check the chimney in your home. Have you started yet? Winter is not too far off and this time of the year is best for making all necessary repairs for the safety of your home and family.

A few hints on how and what to check have been announced by the Arsenal Fire department. You should examine the full length of the chimney, both inside and out. That is, above the roof, in the attic or roof space, parts that are accessible on the other floors, and in the basement.

You can inspect the inside of the chimney by tying a rope to a flashlight and lowering it into the chimney.

Clearance of beams and other woodwork around the chimney are very important items to check.

WHILE on the roof of your house, note the condition of the mortar, flue lining and flashings, and any evidence of cracking or settling.

In the attic, look for cracks and loose mortar, especially right under the roof. On the other floors, check the flue connections.

If an icepick can be pushed through the mortar, rebuilding of the chimney is necessary.

Don't wait! Now is the time to give your chimney and furnace a complete examination. You owe it to yourself and your family.

Employees having any questions or desiring more information about chimneys and fire prevention, may contact the Arsenal Fire department. Members of the department will be glad to assist any employee with his home safety problems as well as plant safety.

Suggestion Awards

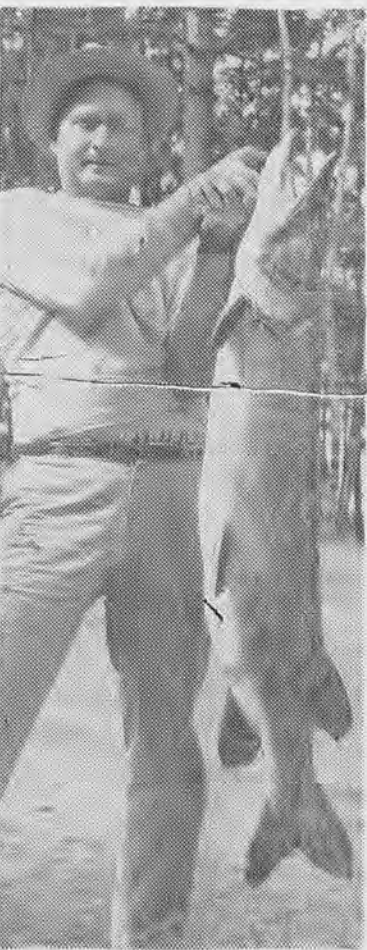
(Continued from page 1)

One office, Windham; Judith Grimm, Office Manager's department, Warren; Orlie Hicks, Guard Force, Lake Milton; Mary Collins, Guard Force, Ravenna; Estelle Kenney, Employment, Mantua; D. E. Bunkefski, Janitorial Service, Ravenna; Delson Wilhelm, George Road shops, Ravenna.

Also, Fred Osborne, General Steam, Atwater; Armstrong Patton, Depot Administration, Ravenna; Arla Hoover, A. P. Line, Ravenna; Emma Wilhelm, A. P. Line, Ravenna; George Collaros, General Stores, Akron; Santos Garro, Department 194 Depot, Ravenna; Dean Couts, Depot Administration, Kent; and to George Road Shop employees Cecil Hughes, Kent, and Earl Wood, Windham, who had identical suggestions.

The catch caused a sensation in Toronto and North Bay newspapers, which stated that the 49-inch Muskie was a good contender for top honors in the "Toronto STAR" fishing contest.

Ralph Greene Catches Unexpected 'Whopper'



RALPH GREENE, Department 194 Depot, hadn't particularly planned on doing much fishing when he caught the 40½-pound Muskelunge he holds above. Ralph, his wife, Sarita, a former Arsenal employee, and their three children were boating on Calendar Bay, Ontario, Canada. He had his fishing rod along, tried casting, and while doing so, snagged this giant Muskie.

Ralph was using a Shannon twin-spinner with a yellow bucktail. He had no gaff or landing net, but managed to stun the fish with the handle of a knife after a 30-minute battle.

The catch caused a sensation in Toronto and North Bay newspapers, which stated that the 49-inch Muskie was a good contender for top honors in the "Toronto STAR" fishing contest.



WINNERS of the Arsenal's American Softball league, the Comptrollers, shown above and below. Front row: Ed Horvat, Ralph Dragan, Nick Tambures, Ralph Bentz, Paul Knapp and George Gleason. Back row: Ted Foss, L. B. Humphrey, Bob Ream, Tom Hendricks, Pat Revezzo, Jim Breckenridge and Jim Marzi. Not present were Art Kurtz and Bob Crutcher.



THE GEORGE ROAD nine, champions of the Arsenal's National Softball league, are left to right, front row: Vernon Croop, Finney Bednarick, Mike D'Orio, Bob Fischer and Phil Monteneri. Back row: Tom Matteson, Bill King, Jess Starkey, Chuck Hull and Manager Joe Stabile. Not present were Joe Brode, Ray Braden, Harold Hartung, Jack Bosma and Cal Chesser.

Comptrollers, George Road Nine Win Softball Crowns

George Road and the Comptrollers nine finished the Arsenal softball season with only four defeats between them and as champions of the National and American leagues.

The winners led their leagues throughout the season and nearly the entire way with unbeaten streaks. George Road suffered only one defeat while the Comptrollers dropped their third game to the Gear Grinders during the last two weeks of action.

In the American loop, the Gear Grinders took second place after being tied with Pleasant Valley A. C. at the end of the season. A play-off game determined the number two spot winners. Third went to P.V.A.C.

The Arsenalites held onto their number two spot in the National league right down to the finish. Trailing the A's by one game was

Materials Inspection. Final standings for the two leagues are:

AMERICAN LEAGUE		
TEAM	W	L
Comptrollers	12	3
Gear Grinders	9	6
Pleasant Valley A. C.	9	6
Salvage	7	8
Building 808	5	10
Roads and Grounds	3	12
NATIONAL LEAGUE		
George Road Shops	11	1
Arsenalites	8	4
Materials Inspection	7	5
Bolton Barn	3	8
Percussion Element	0	11

1953-54 Bowling Officers Elected

New officers elected for the 1953-54 Arsenal bowling season are:

President of the Monday Night kieglers is Bob Russell and T. T. Brown is vice-president. For the Tuesday Night league it's John Foss, president and Carl Bungard, vice-president, and heading the Wednesday Night league are President Frank Wachovec and Vice-President Wallace Smalley.

Don Mullen, Recreation department, will serve as secretary-treasurer for the three men's leagues, which opened their bowling season on September 14.

Mary Ann Delay was elected president of the Thursday Night Women's league, which opened their season on September 10. Peggy Lynds is vice-president and Rosemary Bayley will serve as treasurer. Chloe Yaw was elected secretary and sergeant-of-arms is Thelma Higgins.

Twenty Bowlers Needed For Women's League

A Friday Night Women's Bowling league is being organized and 20 Arsenal kieglers are needed. The league will bowl from 5:15 to 7:30 p.m.

An organizational meeting is scheduled for September 18 at the Recreation building. All interested employees are asked to attend.

Despise not any man, and do not spurn anything; for there is no man that has not his hour, nor is there anything that has not its place.

—Rabbi Ben Azai.

Bognar, Litun Cop Dubbers Golf Loop Championship

Paul Bognar and George Litun battled their way to victory in the Dubbers Golf league during the last match of the season at Chestnut Hills. Their final standing was 49½-13½.

Going into the final match, Tom Rowbottom and Frank Mastromatteo held the top spot with a one and one-half point margin. Tom and Frank finished in second place.

During the final Dubbers loop action, the Bognar-Litun twosome clipped Pat Ryall and Ernie Clay-

baugh 4½ to 1½ and Don Mullen and Al Garrard dropped the Rowbottom-Mastromatteo twosome by the same score.

Ryall and Claybaugh ended the season in third place with a 33½-20½ tally. Final standings for the league are:

DUBBERS		
TEAM	W	L
Bognar-Litun	40½	13½
Rowbottom-Mastromatteo	39	15
Ryall-Claybaugh	33½	20½
Mullen-Garrard	31	22½
Babington-Wagoner	29½	24½
Stine-Hosier	29½	24½
Taylor-Hutzel	18	30
McDonald-Broderick	19	29
R. Russell-G. Russell	17½	36½



DEMONSTRATING his driving technique golf league champions is Pete Lynds, a men Par Busters twosome. Standing next to Pete partner. At left are Angelo Prezioso and Art K. Pine Tree Golf League title.

Sorensens Win Doubles Crown

Virginia and Harry Sorensen

fifth place three-way tie on August 14.

Tied for third place in the final standings are Thelma Higgins-Bill Schwab and Joanne Hammond-Dick Tolls. Final standings are:

TEAM	W	L
Sorensens	17½	15½
Higgins-Schwab	14½	18½
Hammond-Dick Tolls	13	20



BOWLING CHAMPS Virginia and Harry Sorensen of the Friday Night Mixed Doubles league get ready to demonstrate their kiegling skill at the Arsenal Bowling Alley.

POSTMASTER: If mailed after the 15th day of September, this card must be accompanied by a return address. This card is guaranteed by the U.S. Postal Service. Return to: BRADLEY & SONS, INC., 100 N. 10th St., CLEVELAND, OHIO 44114. Sec. 3466, P. L. & R. U.S. POSTAGE 1½c Paid Permit No. 1 Apco, Ohio



RAVENNA ARSENAL NEWS

Conserve Arsenal Water
NOW-Prevent A Shortage
During The Fall Months



QUALITY CONTROL of Arsenal-loaded 90mm projectiles begins with the above pre-zone weighing operation. Performing this job in Department 66 Line One are H. J. Trivelli of Ravenna and D. R. Swartout of Cuyahoga Falls.

Statistical Quality Control Aids Line One Shell Loading

Through the use of pre-zone weighing and Statistical Quality Control, the number of loaded shells falling out of the predicted zone has been reduced from 24.0 percent to a mere 0.2 percent on Load Line One.

Many tests conducted by SQC will not necessarily increase or measure quality of lots, but will reduce the number of shells segregated from the production flow, stored and scheduled back at a later stage of production.

For example, inert shells are manufactured to a required specification weight with an allowable tolerance. In loading ammunition, the Arsenal Production division is required to segregate projectiles into zone classifications with a given weight and tolerance for each zone.

Tests were conducted by SQC to determine the relationship of 90mm metal parts weight to cavity volume. This was found to be very stable. SQC then set out to determine the shell's zone from the inert weight.

INERT SHELLS were weighed and classified as to zone they would be after loading. The shells were then loaded, re-weighed and compared to the final zone. The shells falling out of the predicted zone had to be stored and processed at another time. As refinements were made, the amount of shells stored for later processing was gradually reduced to 0.2 percent.

The ability to pre-zone shells accurately is a credit and an aid to production in many ways—the most important are increased production and reduction of lots being

(Continued on page 3)

31 New Trailers Put Into Arsenal Service

Thirty-one new, 10-ton semi-trailers have been put into Arsenal service by the Transportation department. The trailers replaced 25 worn-out carriers.

Conveyors have been installed in the trailers used for transporting palletized ammunition. These 26-foot carriers are also used throughout the Arsenal for transporting component parts to loading lines and finished ammunition to storage areas.

This type of trailer is also used in the Depot area for transporting explosives from commercial freight cars to storage igloos.

Ticket Reservations For 1953 Ice Capades

Employees interested in ordering tickets, at a discount, for the 1953 Ice Capades at the Cleveland Arena should call Extension 600.

Special rate on tickets is available for October 5 and 6. The regular prices — \$3, \$2.50 and \$2 — will be lowered 75 cents.

Discount order blanks are now available and they will be sent to employees who phone their name and department to the above extension.

I think the first virtue is to restrain the tongue; he approaches nearest to the gods who knows how to be silent, even though he is in the right.

—Cato.

High Explosive Ammunition Flows Again from Line Four

First Major Line To be Mechanized

For the first time since early 1945, high-explosive ammunition is again flowing from Load Line Four. Ravenna Arsenal is now producing anti-tank mines on this former World War II bomb loading line.

This is the first major load line to be completely mechanized by a conveyor system. It is also the beginning of a new phase of activity for the mechanization of other load lines in order to meet competition from other shell loading plants. Thus, the mechanization will benefit both Arsenal employees and neighboring communities.

Employees from Line Three, where anti-tank mine loading had been in production for more than two months, have been transferred to Line Four. First employees were transferred September 3.

The Engineering department will now begin re-tooling and mechanizing Line Three for loading 155mm shells. Prior to the mine loading job, Line Three was used for shell renovation work.

INSTALLATION of production facilities in the former bomb loading line was done in a relatively short time. Work completed includes installation of overhead chain conveyor for transporting

buggies that have capacity of 20 mines each; belt, gravity and powered roller conveyors and an overhead ramp housing a conveyor for hauling explosives from the back line to the Melt Load building.

Also, fire alarm and evacuation facilities; the 45-foot high barricade in front of the Melt Load building and several other earth barricades throughout the line were installed in the interest of safety.

One change house has been re-activated for male and female employees in compliance with standard procedures. Modern equipment for the cafeteria also has been installed.

Equipment has been installed to eliminate dust and fumes generated by production equipment such as the mixing and melting kettles, pouring units and dumping stations.

FILTERING system necessary for decontaminating the water used in cleaning the buildings and equipment is now in operation. After explosive-contaminated equipment is steamed in the Washout building, the water is collected in a sump housed in the floor of the building.

Water is removed from the sump by means of a pump and is carried by a gravity flume into a settling tank. The overflow from the tank is transferred to a filter bed. Water discharged from the filtering bed is then drained through an open ditch to a dam before flowing into a stream.

The filtering system is cleaned periodically to insure thorough decontamination of the water. Weekly samples are taken of the water leaving the filter bed to insure complete decontamination.

18 Employees Win \$310 For Suggestions

The Arsenal Suggestion board has presented awards totaling \$310 to 18 employees for their winning ideas. John R. Tullis, Department 66 Line One from Salem, collected the top award of \$75. Mr. Tullis' suggestion concerned a better method of gauging primer cups.

Two \$50 awards were presented to A. N. Line employee James Cottrell from Brady Lake and Forest McCLOUD, Line Maintenance, from Ravenna.

Mr. Cottrell's winning idea was to use acid-proof paint on air hoist cables and Mr. McCLOUD suggested glueing leather liners in fuze wrenches instead of riveting.

The remaining awards of \$10 went to Winnifred Henderson, Line

(Continued on page 3)



PACKING a loaded anti-tank mine in its wooden shipping box in Building 19 is Lee Respress (left), from Akron. Kitty Cottrell, Ravenna, is shown placing filler fiber board on top of the mine to make it fit tight. Also included in the shipping box are an activator and fuze which must be inserted in the mine before it can be detonated.

Signs of Life

America, generally speaking, is a sign-conscious nation.

We depend on the convenience of signs in thousands of phases of our daily lives. Signs tell us prices in stores, advertise merchandise in shop windows, speed up all our methods of conducting business.

And signs help us maintain order in countless little ways. For instance, if there were no signs it might be difficult—almost impossible—to keep people from walking on the grass, disposing of trash where they shouldn't, smoking in forbidden places, loitering in busy buildings, posting bills on telegraph poles, talking and shouting in libraries and hospitals.

Then, probably most important of all, we have traffic signs to guide and protect motorists and pedestrians on the nation's streets and highways. These signs are so important that often they are called "Signs of Life."

It's an appropriate name. Traffic signs can, and often do, save lives. Without "Signs of Life"—such as the "stop" sign at intersections, the diamond-shaped warning sign, the round and crossbuck railroad signs—it could become almost suicidal to ride in an automobile.

"Signs of Life" can do the vital job for which they are intended only if people read and heed them. If these signs are observed, they may help you save a life, perhaps your own! A slogan to remember and to live by is—"Signs of Life—Know Them, Obey Them."

Be Sure It's Secure!

Indifference is one of the best friends of the saboteur or espionage agent. In all of their operations, enemy agents look for success in spots where someone has been indifferent and has failed to follow the sound rules and principles of effective security. They look for spots where someone has failed to BE SURE!

Plant security can't work on a hit or miss basis. A "half-locked" door or desk or safe isn't locked at all. Such weak spots are open invitations to those who are alert to take advantage of any slip-up on our part.

Security rules and regulations are made for our personal protection as well as the protection of our jobs and our nation's industrial power. But, the best set of rules ever written won't protect a plant by themselves. A security regulation is only as strong as the man who keeps it or as weak as the person who breaks it.

So, in order to tighten up our plant security during these unsettled and uncertain times, let's BE SURE that our security rules and regulations are followed.

BE SURE that all blueprints, drawings, specification sheets or other important papers are properly protected while in your possession. Be sure they are not left exposed for unauthorized persons to see.

BE SURE that your work is kept from prying eyes or slippery fingers while you stop work for rest periods, lunch hour, or other reasons.

BE SURE that your working tools are put away and that all locks under your responsibility are really locked before you leave for the day.

DON'T GUESS—BE SURE THEY ARE LOCKED.

BE SURE to leave the secrets of your job where they belong—Guarantee that your job isn't an invitation to the enemy—BE SURE IT'S SECURE!

ROBERT BERNERD ANDERSON
Secretary of Navy

Ravenna Arsenal NEWS

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Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Fred Benbow, Sawyer Kimes, Jerrie Shafer, Lillian Bosko, Gerald Stamm, Millie Miscevic, Kathy Sarrocco, Edythe M. Cooley, Flo Liskay, Alois Burnett, Frances Gigliotti, Norma Harvey, Arno Bohme, Dick Moffatt, Lillian French, Margaret Taylor, Leona Schinke, Larene Powell, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Suzette Ledgerwood, Mary Kot, Dorothy Shaw, Sylvia Hinzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay, Richard Lawless.



Polio Reaches It's Peak -- Protect Your Home NOW!

Throughout the summer and well into Fall, numerous unsuspecting and unprepared children and adults are struck with the dread disease, poliomyelitis, a disease of the central nervous system caused by a tiny virus.

The polio virus is so small that it has not been identified positively even with the aid of electron microscopes. It probably enters the body's alimentary canal from the nose or mouth, then travels to the motor nerve cells, where it does the damage.

Headache, sore throat, upset stomach, sore muscles, dizziness, stiff neck and back, fever and difficulty in swallowing or breathing are some of the symptoms of polio. However, in its first stages, it may resemble many other illnesses.

Polio usually strikes late in May and June, rising to a peak in late August or early September. To date this summer, 24 cases have been reported in Portage county alone.

OF THIS NUMBER, nine had fairly light cases and have recovered. Two of them are still in iron lungs and the rest have varying degrees of paralysis and are still undergoing water therapy, stretching and limbering treatments.

There are three types of polio; spinal, bulbar and spino-bulbar. Spinal cases involve the nerve cells controlling movements of the body below the neck; bulbar affects the nerve centers in the bulb of the brain controlling breathing, swallowing and circulation; spino-bulbar, the most serious type, is a combination of both.

Scientists have recently proved that gamma globulin, a wonderful substance found in human blood, is an effective but temporary preventive of crippling caused by polio. The disease-fighting antibodies of gamma globulin have been used for many years to combat measles and infectious hepatitis.

However, the supply of gamma globulin is very limited. For instance, this year from April to

the present month, only one million doses of gamma globulin were available. This isn't very much in comparison to the 46,000,000 children and adults in the age groups most likely to get polio.

GAMMA GLOBULIN inoculations will not be available for wide-spread use for some time yet. In the meantime, protect yourself and your family from polio by observing these rules set up by the National Foundation for Infantile Paralysis.

(1) Allow children to play with the friends they have been right along, but keep them away from new people, especially in close daily living. (2) Wash hands carefully before eating and always after toilet usage. (3) Watch for signs of illness, such as headache, sore throat, fever, etc. Report them to your doctor at once. (4) Put a sick person to bed at once, away from others. Quick action may lessen paralysis. (5) Contact your local chapter of NEIP, if you need help. No patient need go without care for lack of money. Your chapter will pay what you cannot.

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CONGRATULATIONS to Mr. and Mrs. John Richards on the birth of a daughter, August 25. They named their third girl Elaine Sue. Mr. Richards is a Depot employee in U-8.

A BOY, Roger Lee, was born to Mr. and Mrs. Allie Collins on September 23. Mr. Collins is a Depot employee.

CONGRATULATIONS to Mr. and Mrs. John Frank on the birth of a boy September 8. They named him Robert Joseph. Mr. Frank is employed in Department 65 Line One.

CONGRATULATIONS to Mr. and Mrs. E. P. Kelly on the birth of a boy, Timothy Lawrence, August 10. Mr. Kelly is employed by Water and Sewage Maintenance.

A BOY, Byron Glenn, to Mr. and Mrs. Doyle Rader, August 18. Mr. Rader works in Depot U-14.

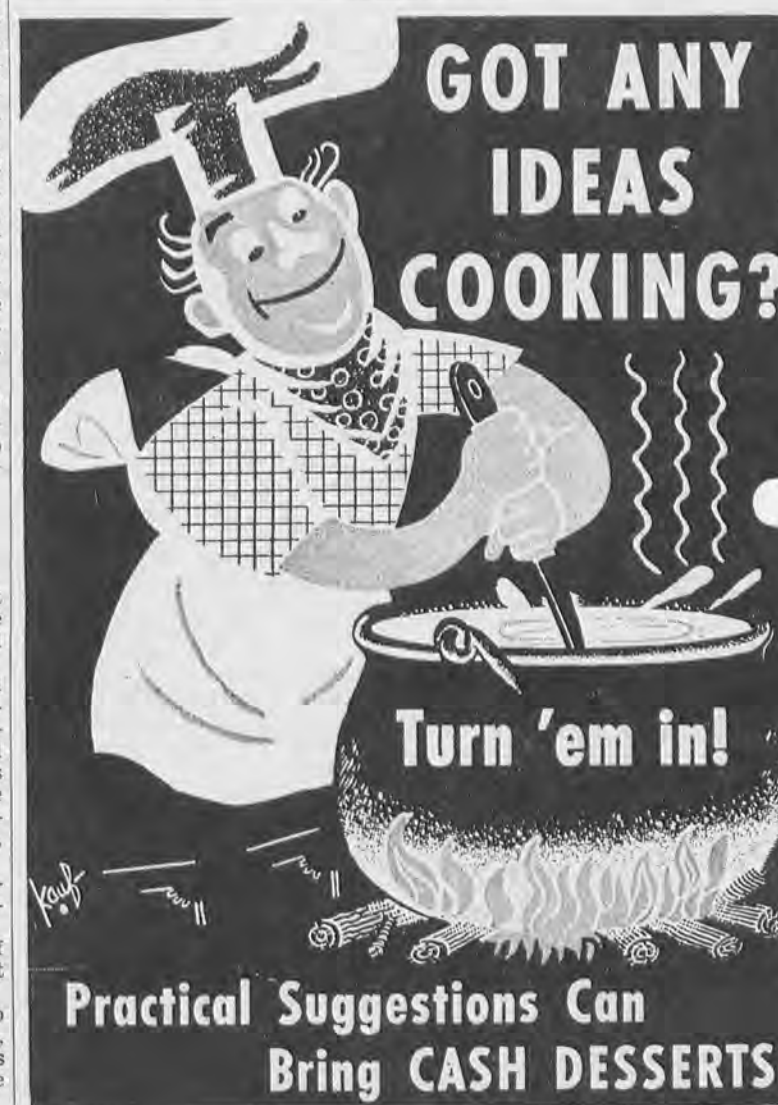
A GIRL, Carolyn Dee, to Mr. and Mrs. Herbert Heeter on August 31. Mr. Heeter is a Depot U-14 employee.

CONGRATULATIONS to Mr. and Mrs. George Apthorp, Jr. on the birth of a girl, Deborah Lynn on August 21. Mr. Apthorp is an Arsenal firefighter.

A BOY, Steven Eugene, born August 30, to Mr. and Mrs. Joseph Myers. Mr. Myers is a member of the Fire department.

CONGRATULATIONS to Mr. and Mrs. Doak Chenault on the birth of a boy, September 5. They named him Gregory Lee. Mr. Chenault is a lift driver in Scrap and Salvage.

A GIRL, Learline, born to Mr. and Mrs. Lennon Sims. Mr. Sims is employed in the Melt Load on Line Two.



News In Brief

Load Line One

Congratulations to Mary Blake who celebrated her 25th wedding anniversary August 29. Charlie Horvath visited relatives in Pennsylvania and New Jersey while on vacation. Our deepest sympathy is extended to Gil Hostetler on the recent death of his father-in-law and to R. Erhart on the death of his mother. Best wishes for a speedy recovery are sent to Margaret Rider's husband, "Dutch" Millie Ozark and husband Joe recently entertained Bob DeCeaser while he was on leave from Brookfield radar station. Bob formerly was stationed at the Arsenal. Get well wishes are sent to John Grater who is hospitalized at St. Joseph's hospital. The Jack Bacons spent their vacation in Ithica, N. Y., where they did some fishing. Evelyn Heford is recuperating at home following her hospitalization. While vacationing in New Jersey, Ed Davis was selected as one of the judges in the Miss New Jersey bathing beauty contest. Raymond Carver spent his vacation squirrel hunting in Jamestown, N. Y. The Ward family recently spent a weekend in Elkins, W. Va., visiting relatives. We're glad to have Bessie Reay back with us after her long illness. Justine Brooks spent her vacation visiting relatives in New Orleans and Arizona.

Depot Area

Ray Page is back to work following several days of illness. Ray Rogers and family enjoyed a trip across West Virginia and Maryland while on vacation. Wilbert "Buck" Rogers spent a weekend recently at Myrtle Beach, S. C., and also visited his home state of West Virginia. Also on recent vacations were Robert Kravacic and Ed Wadyka. Howard Bab is presently motoring through the mid-southern states on his way to Chattanooga, Tenn. Bob Browning spent his vacation in Indiana and Illinois. Lewis Cannon enjoyed a vacation visiting Detroit, Chicago and other midwestern cities. Jim Craft recently spent several days at the National Leafy Oak cono dog field trials held at Kenton, O. Gene Ringley and Cash Bentz enjoyed a week's squirrel hunting in Meigs county. Other recent vacations were Bob Eastepp, George Davis and Helen Flanagan.

Ordnance

William Daly and Roy Furgitte have been on temporary duty at Seneca Ordnance Depot, Romulus, N. Y., to conduct function tests on tracer loaded small arms. While there, they saw former Arsenalites Harold Duffen and Ernest DeGraw who wished to be remembered to their friends here. Surveillance welcomes Dennis Hicks, transfer from Sierra Ordnance Depot, Calif. F. F. Fludine and wife are enjoying a two-week vacation touring New York City. Ruth Beardsley vacationed at Niagara Falls and in Canada. Grace Means was feted with a wedding shower by her friends and co-workers on September 23. Grace is being married to Charles Fitch on October 10 after which they plan to make their home in Florida. Carl Thomas is attending a three-week Production, Planning and Control course at Rock Island Arsenal, Ill. Signal welcomes its new employees Leroy Reber, Carmel DiPaola and Laura Hall. Mabel Clark recently enjoyed a vacation in New York City. We're very sorry to hear that George Apthorp is back on the sick list. Frances Gigliotti, Ordnance NEWS reporter, received the best wishes of her co-workers upon her resignation. Franny and family are moving back to her former home in Pennsylvania.

Transportation

G. E. Griggy and A. Antonella, Railroad Yards, did some squirrel hunting on their recent vacation.

Scrap and Salvage

Welcome to Lawrence Philips who transferred from Line One and Mike Randolph, a transfer from Line Two. Everett McCoy and Reed Harris have returned from very enjoyable vacations. We're glad to have Edward Robertson back to work after his extended illness. Mr. and Mrs. E. C. Weyrich spent a week in New York welcoming his family are now spending some time visiting old friends at the Arsenal.

Load Line Two

Best wishes for a speedy recovery to H. A. Mann, Melt Load, who is at home convalescing after extensive surgery.

Nationwide Food Service

Pete Howell and wife, Lois, motored to Fort Lee, N. J. to visit relatives while on their vacation. They also visited New York City and attended a Broadway play in addition to seeing the other sights. Nationwide employees recently went to Valley Lake park, Southington, to hold a picnic. The weather was so cold, they had to come back to the main commissary to have their lunch! Pete Dracopolis spent part of his vacation fishing in Canada then journeyed to Centralia, Ill., to visit his sister and family.

Stores Stock Control

Myrtle Collier recently enjoyed a vacation at Kelly's island on Lake Erie. Lillian Bowman spent her vacation visiting relatives. Our deepest sympathy is extended to C. C. Amos on the recent death of his brother, Arthur. Carmella Provenzo was honored by a wedding shower given at Vale Edge in Ravenna by the girls from Industrial. Carmella was married September 26. Doris Thomas motored to Fort Campbell, Ky., September 19 weekend to see her husband, Jack, a former Arsenal employee now serving in the Army. Mary Lynne Lewis and husband, vacationed at the Jack and Jill ranch, Ruthbury, Mich. We will welcome Grace Sells, a transfer from Field Service.

Powerhouse

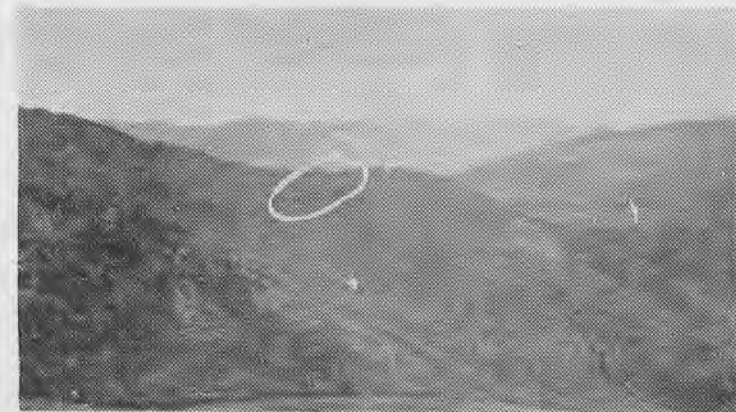
Part of our department recently enjoyed a fishing party on Lake Erie at Ashtabula. Another fishing party is being planned for October 3. James Cola and Bill Thomas are back after spending a week fishing in the Algoma District, Canada. The fishing was good and James brought back a 23-pound fish which he had mounted. Now he'll have proof of the story. Sandy Kelly's luck wasn't quite that good. He started to Quebec to do some fishing and while on the way, met the Canadian Fire Rangers, who said the fishing reservation was surrounded by fire. Sandy had to return empty-handed, not even a wet line to show for his trip.

Ammonium Nitrate Line

James Cottrell recently enjoyed a vacation. Best wishes for a speedy recovery to Virgil Oesh, who is recuperating from an auto accident.

Laundry

We're glad to have Mabel Guess back to work after her lengthy illness. L. B. Coleman, wife and son enjoyed a vacation recently at Lake Placid, N. Y.



THE ABOVE PICTURE of "Chink Baldy" ridge in Korea was taken by Pfc. Richard L. Beuter, a former employee in Department 72 Line Two. Pfc. Beuter writes that continuous shelling of the ridge has crushed the rock until it is like a huge sandpile. He stated, "In a way, you (the Arsenal) made this sandpile possible. When I worked at the Arsenal, I never realized just how much those shells would mean." The three tanks (circled) are Chinese put out of action by U. S. Artillery.

Meet Your Reporters

X-ray technician Mary Ann Delay covers the Medical department for the Arsenal NEWS. Mary Ann, a native of Tamaqua, Pa., has lived most of her life in Newton Falls. She graduated from high school there and from x-ray training at Huron Road hospital, Cleveland. Mary Ann first worked at the Arsenal as an Ordnance payroll clerk from 1944 to 1946, then returned in March 1952 after completion of her medical training. She enjoys bowling in her free time and was a member of the 1952-53 Arsenal Women's Bowling League championship team.

Ramona Sechler, NEWS reporter for Powerhouse and Water and Sewage departments, is a lifelong resident of Newton Falls. She graduated from high school there and attended Warren Business college. Ramona began working at the Arsenal in March 1952 and is clerk-typist for Robert Howell and Ralph Binckley. For recreation, she likes to dance. Ramona had previous journalistic experiences when she was a reporter-typist for her high school paper.

Arsenalites in the Armed Forces

Arsenalites who recently entered the Armed Forces are Ralph Kinsey, Transportation, Atwater; Richard Sundling, Department 76 Line Two, Mantua Center; Quelen Coon, Component Stores, Kent; Thomas A. Doherty, Component Stores, Windham; Lester Sheppard Jr., Department 66 Line One, AK-194 Depot, Atwater; and William Zimmerman, Department 75 Line Two, Brookville, Pa.

We have received a new address for former Scrap and Salvage employee George Swatko, who is presently in basic training at Fort Knox. His address is Pvt. George Swatko, Jr., US 52-344-904, Co. A, 13th Armd. Inf. Bn., CC. A 3rd Armd. Div., Fort Knox, Ky.

Also, Timothy Coleman, Department 66 Line One, Youngstown; Philip Gumino, Component Stores, Newton Falls; and Donald Ryan, Roads and Grounds, Windham.

The backyard fence is one of the oldest forms of wireless communication.

Engagements

HULBERT-DEANS

Mr. and Mrs. Harry L. Hulbert of Kent have announced the engagement and approaching marriage of their daughter, Mary Arlene, to Horace L. Deans, Jr., son of Mr. H. L. Deans and the late Erma Saunders Deans of Churchland, Va.

Miss Hulbert was graduated from Kent State high school and attended Kent State university. She is employed as the receptionist in Headquarters building.

Mr. Deans attended the university of Richmond and served with the Army during World War II. He is a member of the field safety staff of the U. S. Ordnance Corps, at Jeffersonville, Ind. The couple set November 14 as their wedding date.

Plant Owner Knew Employees By First Names in Old Days

There is an oft repeated fact that in the "old days" the owner or manager of a business or plant knew each of his employees by their first names.

And he was very much interested in whether or not his employees were at work every day. Today's manager, while unable to maintain personal contacts with all of his employees, is definitely interested in their attendance. He knows that without regular attendance his plant will be inefficient and the employees who do report are working under a handicap.

Attendance on the job EVERY DAY is a major factor in the continued operation of any company. It increases the ease with which you do the job. It also makes it easier for the employees with whom you work.

Every worker knows how much better it is to have a man next to him who knows his job so that he doesn't have to wait until a replacement is hired and the job explained to him.

Employees who are on the job every day know how hard it is when they must change their way of doing a specific operation because someone is absent.

The importance of perfect attendance is true not only on the job next to you, but on your job, too! The entire operation of loading

YOUR ERROR — Information printed in the last issue of the NEWS concerning reporter Elizabeth Jura should have read as follows: She graduated from high school in Benwood, W. Va., and now resides with her five sons in Newton Falls.

entertaining service men. His fights have also been featured on television. Mr. Leonard stated that he was still undecided whether he would make boxing his career. He began working at the Arsenal in July, 1952.

Eugene C. "Sam" Spade, who incidentally has no connection with his fictional namesake, was born near the Arsenal at Freedom Station. He graduated from Freedom high school and now resides with his family in Windham. Mr. Spade is the proud father of two girls and a boy. He began working at the Arsenal in December 1950 as an explosives operator on Line Two for Ordnance, later transferring to Ravenna Arsenal, Inc., with the take-over in 1951. Mr. Spade, whose job takes him over most of the Arsenal, is now a tool expeditor on Line Two. He stated that when he was not playing with his children, he enjoyed tinkering with the mechanics of old cars for a hobby.

Employee Sketches . . .

One of Line One's outstanding personalities is that of Freddie Leonard, explosive operator in Department 65 and a professional boxer. Mr. Leonard, a native of Anniston, Ala., moved to his present home, Youngstown, when he was quite young. He got his first start in boxing while attending East high school where he also participated in football. Later he studied architecture at Youngstown college, however, his interest in boxing interrupted his studies. A close friend, Earl

Leonard Charity 1952 East-ern Ohio Golden Gloves champ, started Mr. Leonard on his amateur boxing career in the Youngstown area. Early in 1953 his manager advanced him to professional boxing throughout Ohio. He then went on to box in other states, including Madison Square Garden. During his professional career he has maintained a record of 15 wins and three defeats.

Mr. Leonard has participated in charity benefit fights as well as

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Eighty Arsenalites Attend Second Annual Golf Outing

Ruble Cops Low Medalist Second Year at Golf Outing

More than 80 Arsenalites attended the Second Annual Golf Outing sponsored by the Recreation department Saturday, September 12 at Meadowview Golf course near Ravenna.

The weather wasn't exactly ideal, with showers in the late afternoon, however, the cloudiness didn't bother Jack Ruble, Safety, as he copped low medalist honors for the second straight year, by shooting a 73, two over par.

At last year's outing, held at Chestnut Hills course, Jack took low medalist honors with a 62, also two over par.

Harry Sorensen, Assistant Production Manager, copped the prize for the longest drive on Number 10 hole. Proximity prize for the Number 7 hole went to Chuck Kehl, Ordnance Inspection, and G. R. Sanders, Line Four Superintendent, carried off the proximity prize for Number 17 hole.

Prizes were distributed in a different manner this year. Each foursome was given a bag containing prizes and instructions for earning them. As one man won a prize, his teammates competed for the remaining ones.

Several of the men also played

horseshoes and the day's activities were completed before the rain finally poured down.

Ordnance Supervisors Get Training Awards

Certificates of training have been awarded by Lt. Col. T. H. Bradley, Commanding Officer, to 34 Ordnance employees upon completion of a Supervisory Development Training program.

The 12-week course, coordinated by the Personnel Officer, included topics such as management, pay, human relations and safety. Similar training had previously been completed by 12 other Ordnance supervisors.

Receiving certificates were: Arlie Sittler, Andrew Wancik, Ray Neass, Charles Witherstay, Eugene Davis, John Tobin, William Flasher, Luther Woodall, Edward St. Clair, Paul Chalfant, Ernest Goodman, Charles Simer, George Stanley and Joseph Hallock.

Also Delbert Eilers, Stephen Theis, Ann Greitzer, George Halstead, Richard Elliott, Louise Hoffstetter, Harold Kline, Mary Jane Jacobs, Earl Barnes, Lowell Feeley, Robert Morton, James Cooper, Estella Dustman, Ernest DeGraw, John Bishop, Dorothy McCabe, Estella Pavlick, Thomas Brown, Charles McKinley and Virgil Carpenter.

V. W. Perry Teaching Akron Univ. Classes

V. W. Perry, Training School staff, is teaching supervision classes at Akron university again this year. This course was started

mainly for supervisors and inspectors, however, it is open to any interested persons.

Mr. Perry's class, entitled "The Plant Supervisor and his Objectives," meets each Monday evening. He also teaches a shop mathematics class on Wednesday evening.



MERLE WILKINSON, Cost Accounting, prepares to putt on the No. 9 green at Meadowview during the Arsenal Golf Outing. Looking on are Milt Stine, Paymasters office; Ted Foss, Auditing; and Don Stearns, Financial Accounting.



TALLYING their scores for the Second Annual Golf Outing is one of the foursomes who participated in the event along with more than 80 other Arsenalites. They are (left to right), Frank Gembar, Roads and Grounds; Wayne Taylor, Line Maintenance; Bill Jones, Safety; and Bob Porter, Line Maintenance

New Women's League Formed; Open Bowling Dates Set

A new women's bowling league has been organized and will go into action October 9. The Friday Night league, composed of Motor Pool, Ordnance, Stationery Stores and Load Line One teams, will hit the lanes from 5 to 7:30 p.m.

Thirty-six teams are now competing in the 1953-54 five-night bowling season.

The Recreation department has announced open bowling is scheduled from 5 to 6 p.m. on Thursday night and from 7:30 to 10 p.m. on Friday nights.

Men's league standings as of September 25 shows Ordnance Inspection leading the Monday Night league, the Industrialists on top in the Tuesday Night loop and the Beginners heading the Wednesday Night circuit, all leading by a 7-1 tally.

The Band-Aides are pacing the Thursday Night Women's league by an 11-1 margin. Standings for the remaining teams are as follows:

MONDAY NIGHT				THURSDAY NIGHT			
Team	W	L		Team	W	L	
Ordnance Inspection	7	1		Band-Aides	11	1	
Load Line Two	6	2		Average Bowlers	9	3	
Jolly Rogers	5	3		Elements	8	4	
Guards	5	3		Pleasant Valley G.A.C.	7	5	
Load Line Four	4	4		Circlettes	6	6	
Salvage	2	6		Recordettes	4	8	
Load Line One	2	6		Postettes	2	10	
Motor Pool	1	7		Independents	1	11	

Weddings

GLAZER - PORCO

On September 19 Miss Jenny Porco became the bride of Marion Glazer. The ceremony took place in the Immaculate Conception church in Washington, Pa.

The new Mrs. Glazer is a native of Pennsylvania. Her husband, who is employed in Department 76 Line Two, is from Warren. After their honeymoon, the couple will reside in Warren.

THOMAS-LYLES

Miss Mary Lyles became the bride of Yaroldean Thomas on August 19. The wedding was held at the home of the bride's parents, Mr. and Mrs. Benjamin Lyles, in Pomarice, S. C.

The new Mrs. Thomas is employed in Department 76 Line Two. Mr. Thomas, who works in Department 75 Line Two, is a native of Alliance.

WHITE-REGAN

On August 21, Miss Pauline Regan, daughter of G. D. Finch of Ravenna, became the bride of Walter White at the Ravenna Methodist church.

The new Mrs. White is employed in Department 66 Line One. Her husband is the son of Mrs. Rose White of Lake Milton. Immediately following the ceremony the couple left for a honeymoon at Niagara Falls.

BUCHANAN-GATRELL

The Rev. Warren Troph officiated at the ceremony which united Miss Irene Gatrell in marriage to Paul Buchanan at the Methodist parsonage in Windham, September 27.

Mr. Buchanan is employed in Department 76 Line Two. After a honeymoon, the couple will make their home in Windham.

Sports Quiz

(By Armed Forces Press Service)

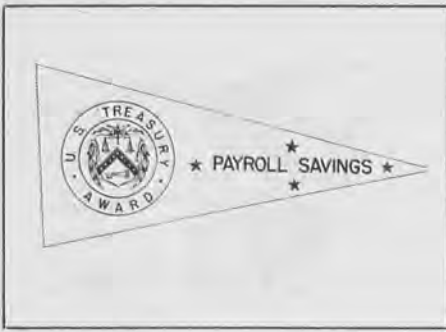
1. What modern-day pitcher holds the record for the most strikeouts in one season?
2. Henry Armstrong was the first fighter to hold three world titles. (True or False).
3. What was the fastest mile turned in by a runner in 1952?
4. Stan Musial has won six National league batting titles. In what year did he hit this all-time high of .376?
5. Was the last horse to win a triple crown — Blue Man, Citation or Middleground?

(Answers on page 2)

TUESDAY NIGHT			
Industrialists	7	1	
Cost Accounting	6	2	
Pleasant Valley A. C.	4	4	
Depot U-7	4	4	
Specifications	3	5	
Arsenalites	3	5	
Financial Accounting	2	6	
Group 6	2	6	
WEDNESDAY NIGHT			
Beginners	7	1	
Old Timers	6	2	
Truck Drivers	6	2	
Materials Inspection	6	2	
Load Line One	3	5	
Automotive	2	6	
Electricians	1	7	
Inventory	1	7	

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Vol. 2, No. 17

RAVENNA ARSENAL, INC., APCO, OHIO

October 2, 1953

Put a Red Feather in Your Hat !



PAUL BORDA, General Manager (second from left), presents the Arsenal's check for \$1,000 to Hugh Riddle, Chairman of the Industrial Management division of Ravenna's 1953 Community Chest campaign. Other Ravenna industrialists who gave the Red Feather fund a boost are Herb Lower (left), Bud Worden and S. J. Kaplan (right).

Wear It Proudly ...

The Red Feather -- A Sign Of Courage, Symbol of Service

Throughout the centuries, traditions and legends have accumulated around the wearing of red feathers. They have been worn as a sign of courage, a symbol of service or achievement, or purely for decoration.

In the Orient, legend has it that the "Hagoromo," a robe of state made of carefully selected feathers, sometimes red, could be worn only by people of distinction who had contributed outstanding service to their communities.

According to the story, the "Hagoromo" insured immortality to the wearer. A similar tradition existed in the South Seas, and in Hawaii the "Mahiole" — a red feather headdress — was worn by the chiefs and those of royal blood.

In Europe when knighthood was in flower, a red plume in his helmet was one of the outward signs of the true knight.

During the days of Robin Hood — so the story goes — a red feather was awarded to each of his Merry Men for a good deed performed.

IN AMERICA, many Indian tribes had a tradition that the

young Indian who would win his place at the Council of Braves must first prove his right to the honor by capturing a feather from a live eagle.

The feather was then dyed red and worn in the brave's scalplock as a sign of his achievement and the responsibility he must now assume for the welfare of his tribe.

Today the red feather is the emblem of united health and welfare campaigns, such as the Community Chests, and in other United Community Campaigns for Red Feather services.

It was first used as a local symbol in 1928 and adopted as a national symbol in 1945 by Community Chests and Councils of America, Incorporated.

The red feather identifies the Red Feather services which receive support through Community Chests and other United Community Campaigns. It is worn by the staff and volunteers who devote their time and energy to make a success of the Red Feather programs and by everyone who makes a donation.

October is now known as "Red Feather Month," when the great majority of the 1,600 Community Chests conduct their annual campaigns for funds to support some 17,000 Red Feather services for local community health, welfare and recreation.

Thus, the red feather is our announcement to the world that we believe in the democratic way of life in which the Red Feather services for health, welfare and recreation, benefit everybody.

Line Two Tops Absentee Mark

On September 17, Load Line Two topped the absentee record for the load lines by having 100 percent attendance of all scheduled personnel on the second shift.

Four absences without report on the third shift prevented the line from having perfect attendance on all shifts.

Previously, Line Two has had a very good record in comparison to the other lines, and from January to August this year, has led the lines with an overall 6.5 absentee percentage.

The low number of absences on Line Two is mainly attributed to the diligence of supervision showing personal interest in their employees and their problems.

Load Line One Employee Is Recipient Of Human Kindness And Generosity

Grace Bainter, Line One employee, is one person who can truly vouch for the goodness and kindness of fellow human beings. Grace's husband Noah, a former employee of an Akron rubber company, has been ill for several years with a spinal condition.

With so much money going out for medical expenses and the daily necessities of life, the Bainter's house had grown a little shabby from lack of paint.

Grace and Noah thought a miracle had occurred when they looked out the window a couple weeks ago and saw painters hard at work on their house. It was no miracle — but a group of Noah's friends and former co-workers giving their time and energy to a well-deserving couple.

Arsenal Community Chest Drive Set for October 5-8

The Arsenal's annual Community Chest drive will be held October 5 to 8. On these designated days, all employees are urged to make a generous donation to this worthwhile fund.

All supervisors, foremen and department managers have been named to the Arsenal chest committee and will act as collectors within their departments.

The Arsenal got a good pre-campaign start on September 29 when Paul Borda, General Manager, presented a check for \$1,000 to the Ravenna Red Feather fund on behalf of Ravenna Arsenal, Inc.

Last year, employees and the company donated over \$6,200 to the chest drive for the surrounding five-county area. This year, employees are urged to make at least a \$5 contribution or as much as they can afford.

Payroll deduction cards will be distributed to all employees for them to sign and designate the amount of donation. The money collected will then be sent to the Community Chest chairman of the cities specified by the employees.

HOURLY EMPLOYEES will have their chest donation deducted from their pay ending October 11 and salary personnel will have their

contribution deducted on October 15.

The Community Chest drive is one of two campaigns conducted within the Arsenal. The other is for the Red Cross fund. Next fall, it is hoped that Ravenna Arsenal will have a United Fund drive, which will permit employees to make one donation to cover all Red Feather organizations.

A Community Chest fund covers such organizations as: Visiting Nurse association, Youth Centers, Girl Scouts, Child Welfare, Salvation Army, Recreation centers, Boy Scouts, Catholic Charities, United Defense fund and many other worthwhile groups.

Arsenal employees come from many surrounding cities, towns and villages to load shells for our Armed Forces. These employees are proud of their individual communities and that is why the Arsenal conducts an annual chest drive. When you give to the Arsenal Community Chest drive, you help your own community.

Arsenal Opens Month-long Fire Prevention Campaign

President Eisenhower Proclaims Fire Prevention Week, Oct. 4-10

In observance of National Fire Prevention Week, October 4 to 10, Ravenna Arsenal has opened a month-long campaign to combat fire and the resultant losses in property, lives, jobs and productivity.

Fire department personnel have started giving fire-fighting demonstrations and talks on fire safety and how to use the various types of Arsenal fire extinguishers to several groups of employees. This program will continue until all employees have been contacted.

President Eisenhower, in designating October 4 to 10 as Fire Prevention Week, earnestly requested that all our citizens initiate a year-round campaign in their homes, places of work and in their communities against the needless waste of life and property caused by destructive fires.

"I URGE State and local governments, the American National Red Cross, The National Fire Waste Council, the Chamber of Commerce of the United States, and business, labor and farm organizations, as well as schools, civic groups and agencies of public information — including newspapers, magazines and the radio, television and motion picture industries — cooperate fully in the observance of Fire Prevention Week.

"I also direct the appropriate agencies of the Federal Government to assist in this crusade against the loss of life and property resulting from fires.

"In Witness Whereof, I have hereunto set my hand and caused the Seal of the United States of America to be affixed."

DWIGHT D. EISENHOWER

A New Campaign with an Old Twist

Once again we must ask your wholehearted cooperation and assistance in a new campaign.

We, at Ravenna Arsenal, are proud of the way you cooperated with all of our requests in the past; proud of the amounts you donate to the Red Feather and Red Cross drives each year; proud of your generosity in rolling up your sleeve for the bloodmobile; proud of your help in numerous other smaller ways.

Now we are beginning a new drive, one which affects every individual employee—one which affects YOU. There are many rewards for your participation in this drive—including personal satisfaction for a job well done, a more stable income, greater job security and more even distribution of work.

It won't be a big task, if you do your part. Our subject—a campaign to stop unnecessary absence from the job.

Now don't utter a disgusted sigh and throw the paper away. Believe us, we're just as tired of hearing about it as you are. Perhaps from a different standpoint, though—we want something done about the matter.

Stop and think a minute! Is the finger pointing at YOU? Are YOU guilty of taking unnecessary time off? Are YOU a contributing factor to our much too high rate of absenteeism?

Be honest with yourself. If you can truthfully answer these questions negatively, then you can forget the whole matter. BUT, if you must answer them "yes," for your own sake and ours, give the problem some serious consideration.

When you take unnecessary time off, you hurt yourself through financial loss . . . you threaten your security by possible removal from your job, you cause your fellow workers hardships and, in addition, you hold up production of materials vitally needed by our Armed Forces.

Is it too much to ask that you be on your job every day?

Is it too much to ask your wholehearted cooperation in this drive to stop unnecessary absenteeism?

Think it over, then act! Be on the job, not just today, but EVERYDAY!

Are You a Fall Guy?



Pictured here are some of the more familiar hazards which lurk around your house and mine to trap the careless. In other words, any one of these items—plus a few dozen more not shown—can make YOU a "fall guy."

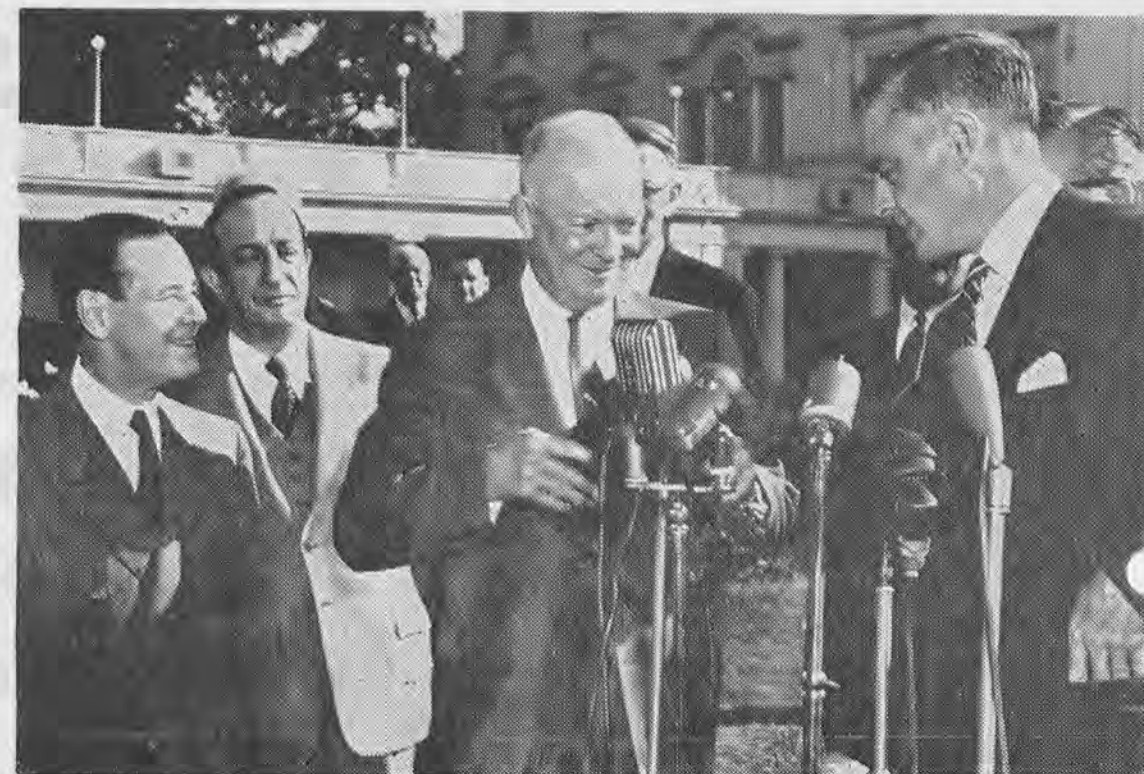
There's one thing, though, you'll never see pictured. That's insecurity—that frustrating feeling of uncertainty over what's ahead, of fear that you'll be unable to cope with what the future will bring.

You can be sure insecurity's waiting to trip you up—unless—

HERE'S WHAT YOU CAN DO ABOUT IT!

Start NOW to save regularly each payday, right here at the Arsenal, through the convenient Payroll Savings Plan. Start NOW to build the security you want for yourself and your family by buying U. S. Savings Bonds on this systematic plan. You'll be insuring your preparedness to meet any emergency—and better still, you'll be making sure of good times ahead for your family.

Join the Arsenal's Payroll Savings Plan TODAY! You'll find it the safest, surest step you've ever taken.



(International News Photos)

PRESIDENT EISENHOWER is shown as he accepted a gift of a leather-bound book containing testimonials from groups representing 40,000,000 people who support the United Nations, at a White House ceremony. In accepting the volume, the President said that the U. N. has become a "sheer necessity" when every new invention makes it more nearly possible for man to "insure his own elimination from the globe." From left to right in the group are: Harvey S. Firestone, Jr., Chairman of United Nations Week and Chairman of the Firestone Company; Benjamin A. Cohen of Chile, Assistant Secretary General of the United Nations in Charge of Public Information; President Eisenhower and Thomas J. Watson, Jr., Chairman of United Nations Day.

Colonel Bradley

(Continued from page 1)
indicated what must be done to make effective the Ordnance program for austerity, irrespective of any restrictions already required by budget limitations.

In inaugurating Operation "Take Another Look," General Hinrichs called to the attention of officers in subordinate commands that the Ordnance Corps policy is one of continued self-appraisal by commanders of the effectiveness of operations under their control.

"Our responsibility is to advise where economies may be made, rather than to have economies thrust upon us," General Hinrichs said.

Overweight Is A Health Hazard

Eat three simple nutritious meals a day and guard against bad food habits. Anyone can feel better if they control their weight and get more exercise. However, some people are overweight because they need medical care.

If elimination of non-essential foods from your diet does not keep your body trim, then you should see a doctor.

Underweight is a health hazard too, and reducing can be overdone. Dietary restrictions that lead to marked underweight are serious health hazards.

Adults sometimes undermine their health by starving their bodies at a critical and formative period in their development.

Eat some of the basic seven foods served in Arsenal cafeterias every day, and enjoy living!



NATIONAL SAFETY COUNCIL

Eighth Anniversary . . .

82 U. S. Groups Reaffirm Support of United Nations

In ceremonies at the White House, Harvey S. Firestone, Jr., National Chairman of United Nations Week, and Thomas J. Watson, Jr., Chairman of United Nations Day, turned over to President Eisenhower a bound volume containing testimonials from 82 national organizations reaffirming their support for the United Nations.

The occasion was the fall planning meeting of the United States Committee for United Nations Day which is observed on October 24, the eighth anniversary of the effective date of the United Nations Charter in 1945. United Nations Week is being held this year from October 18 to 24.

About 200 representatives of communities throughout the country and representatives of co-operating national organizations witnessed the event on the grounds just outside the President's office adjoining the White House rose garden.

President Eisenhower stated his feeling about the United Nations in these words: "What we need most—and first—is to give the United Nations needed strength and effectiveness is to believe in it. I happen to believe in it with all my heart. I cannot overstate my desire to see the United Nations made stronger, to see it win more and more people to its support and to a greater determination for the practice of the principles it lays down."

Since the U.S. Senate voted 89 to 2 for affiliation with the United Nations, and in so doing pledged our faith and support to the organization, it therefore becomes the duty of patriotic Americans to learn as much as possible about it.

Later at a conference held to discuss United Nations Day plans at the State Department auditorium, Mr. Firestone spoke briefly concerning his viewpoint toward the United Nations.

"Without the United Nations," he said, "we have no forum where the countries of the world can work out problems with words instead of fighting them out with guns. This is the year 11 of the atomic age, a time of history when new methods of solving age-old problems must be used. Because the United Nations is new, we should have patience with it for its objectives are sound. In the United Nations we have the best instrument for international education and unity that so far has been designed."

"AS RESPONSIBLE, freedom-loving Americans, it is naturally our fervent hope that we can achieve lasting peace and happiness for ourselves and our loved ones. In this atomic age we must surely realize the need for work-

ing with the other peoples of the world toward these ideals or else we may not be able to keep them for ourselves."

"During United Nations Week," he continued, "we have the opportunity of increasing our knowledge about the United Nations and enlarging our understanding of the sound basic objectives it seeks to attain."

Purpose of United Nations Week is to create an America well informed on the work and purposes of the organization. To that end the American Association for the United Nations and more than 100 civic, religious, farm, labor, business and other groups will disseminate information about the United Nations in various ways.

Since the U.S. Senate voted 89 to 2 for affiliation with the United Nations, and in so doing pledged our faith and support to the organization, it therefore becomes the duty of patriotic Americans to learn as much as possible about it.

Sports Quiz Answers

1. Joseph J. McGinnity, "Iron Man" of the National League in the early 1900's. He also set a record of 434 innings pitched in 1903.
2. Five thousand to seven thousand square feet.
3. The Cleveland Indians in 1948 drew 2,620,627 fans for an all-time record attendance.
4. An average of 74.59 mph turned in by Ray Harroun driving a Marmon racing car in 1911, was fast enough to win the first "500" mile race.
5. Hank Sauer, slugging Chicago Cub outfielder, who received 15 more points than runner-up Robin Roberts of the Phillies.

News In Brief

Industrial Relations

Suzi Clark's trip to the Canton speedway September 26 to view stock car racing proved quite interesting. Suzi was picked to drive in the women's "Powder Puff" race. When asked if she was scared while driving, Suzi replied, "What was there to be scared of—I had my eyes closed all the time!" . . . Girls from the Employment and Services departments recently enjoyed dinner and a stage show in Youngstown. . . . Mary Padovane, Employment Records, and Marian Capella, Building 809, are presently vacationing at Daytona Beach, Fla. . . . NEWS Editor Bob Fuehrer and wife, Flo, recently enjoyed a vacation in the East. They spent a week in New York City where they saw the Broadway plays "Me and Juliet" and "Picnic," along with Radio City and all the other interesting sights. After that, they motored to Bridgeport, Conn., where they visited relatives and did some fishing in Long Island sound.

Nationwide Food Service

Margaret Taylor and husband enjoyed their vacation visiting relatives in Weston, W. Va. . . . Girls from the Main cafeteria surprised Mrs. June Gump recently with a stork shower. She received many lovely gifts.

Scrap and Salvage

We welcome the following transfers to our department: Homer Miller, Pete Humbertson, Glen Menger, James Westover, Earl Flesch, Worth Bullins and Irvin Humm.

Transportation

Larry Geer and wife spent their vacation motoring through southern Ohio, Kentucky, North Carolina, over the Skyline drive and on through the Smoky mountains. . . . Mary Henderson, Louise Zajac and Paul Teets were among those who recently enjoyed viewing the Ice Capades in Cleveland. . . . We're glad to have C. J. Stewart back to work after his lengthy illness resulting from an auto accident.

Ammunition Inspection

Our deepest sympathy is extended to the Wladyka family on the recent death of Adam Wladyka.

Ordnance

William Kazimer is presently attending a four-week school for Ordnance technical safety at the Ordnance Field Safety office. . . . Howard Grohe and Roland DeGuer recently visited the Ordnance Ammunition Center. . . . Carroll Ruben has returned from a visit to Picatinny Arsenal in Newark, N. J. . . . George Halstead and wife are vacationing in Michigan and New York. . . . Best wishes to Marjorie Utt on the announcement of her engagement to Robert Martin of Olean, N. Y. . . . Wishes for good luck to Andrew Wancik, Inspection, and George Aphorip, Signal, who are leaving the Arsenal, October 16. . . . Our sincere sympathy wishes are extended to Mr. and Mrs. R. L. Barton on the death of their infant daughter, Myra Jo.

Artillery Primer Line

Congratulations to Mr. and Mrs. Lovell Byrd who recently celebrated their sixth wedding anniversary. . . . We're happy to hear that Bertha Mitchell's husband, Charles, has been released from the hospital and is convalescing at home. . . . Robert Simpson, son of Gladys Simpson, was recently home on furlough from Camp Atterbury, Ind. Mr. and Mrs. Wilbur Wright spent a weekend visiting friends and relatives in Philadelphia. . . . Clyde Drake and wife have been vacationing in Michigan and Indiana. . . . Mr. and Mrs. James Galloway recently enjoyed a visit in Kalamazoo, Mich. . . . Andrew Cassetto and family spent a weekend visiting friends and relatives in New Jersey.

Load Line Four

Welcome to Pat Skidmore, a recent transfer to the load line office. Best wishes for a speedy recovery to Larkie Carroll, who is now convalescing at home. . . . Happy birthday wishes to Betty Keller. . . . We're glad to hear Anita King is recuperating nicely from her operation and will be back to work soon. . . . Congratulations and best wishes to Mr. and Mrs. Anis Jones on their ninth wedding anniversary and to Mr. and Mrs. Carroll Bruton on their sixth wedding anniversary.

Load Line Two

Mattie Phillips wishes to thank Department 75 employees for their kind sympathy wishes on the recent death of her mother-in-law, Katie Brown, Department 76, recently enjoyed a vacation in Batesville, Miss. . . . Betty Cobbin and Aquilla Mart vacationed at Niagara Falls. . . . Fred Garrett recently visited in Trenton, N. J. . . . John Druce, Department 70, spent his vacation in Detroit. . . . We had a note from George Miles this week, asking to hear from friends and co-workers. George is in very serious condition and is confined to Akron Peoples hospital. Best wishes for a speedy recovery.

P. E. & I. Division

Our sympathy is extended to Edwina Morsch, Statistical Quality Control, on the death of her nephew, Frankie Morsch, who was fatally injured in a Lake Milton boat collision. Edwina was also injured in the accident, but is back at work.

Arsenalites in the Armed Forces

Arsenalites who recently entered the Armed Forces are Willie Bazen Jr., Railroad Maintenance, Canton; and David Veits, Shop Maintenance, Garrettsville.

Also, Ralph Worley, Department 66 Line One, Ravenna; Eldon Cross, Railroad Operations, New Town Falls; Archie Outright, Department 66 Line One, Windham; Don Hardyway, Department 192 Depot, Akron; Jimmie Prophet, Department 75 Line Two, Akron; and Walter Bailey, Department 66 Line One, Ravenna.

We have received a new address for Richard Brown, former Depot employee in Group 8. Dick writes that he'd appreciate hearing from his friends and former co-workers. His new address is: Pvt. Richard S. Brown, US-5253724, Hq. Bty., 44th Ft. Bn., APO 39, c/o Postmaster, New York City, N.Y.

We also have a new address for Pvt. Kenneth Beynon, who was formerly employed by Roads and Grounds. It is: Pvt. Kenneth A. Beynon, Co. H, 279 Inf. Regt., 45th Inf. Div., c/o Postmaster, San Francisco, Cal.

12,535 DIE IN FIRE

Death by fire hit a new peak in 1952. The National Fire Protection Association reports that 12,535 died. The toll in the last decade now exceeds 100,000.



LOAD LINE ONE reporters discussing the reporter's style sheet during a meeting with R. W. Fuehrer, Editor of the Arsenal NEWS, are, left to right: Kathy Sarrocco, Gladys Veenis, Sylvia Hinzman, Nettie Richards and Mr. Fuehrer. These monthly meetings are held on the various load lines.

Four Line One Reporters Have Varied and Interesting Lives

Three members of the Line One reportorial staff who are aiding Kathy Sarrocco in compiling news for the plant paper are Nettie Richards, Sylvia Hinzman and Gladys Veenis. They all work the day shift.

One of the first six women employed on Load Line One when it was activated in September 1951 by Ravenna Arsenal, Inc., was SYLVIA HINZMAN, reporter in Department 65.

Her second tour of employment here started in August 1950, when she began working for Ordnance in the Fuze and Booster area. During World War II, Sylvia was employed by the Atlas Powder Company on the Percussion Element and Detonator lines.

A 10-year resident of Newton Falls, Sylvia is a native of Gassaway, W. Va. She graduated from high school there and attended business college in Charleston, W. Va.

During her high school and college days, Sylvia was a member of a girls' basketball team and played against various schools in the

local circuit. She enjoys dancing for recreation.

NETTIE RICHARDS has been employed in Department 61 since she started working at the Arsenal in December 1951, and this is her first experience as a reporter.

She has two very interesting hobbies—collecting unusual rocks, stones and Indian arrowheads and antique furniture.

Nettie has over 100 arrowheads, including several white ones found near her home in Wayland. The rocks and stones in her collection come from India, France, Germany and several parts of the United States. She is married and is a lifelong resident of Wayland.

GLADYS VEENIS, Department 62, is also one of the first six fe-

male employees hired by RAI in September 1951 for production work on Line One.

However, Line One was not new to her since she worked there for Atlas Powder Company in 1942. Her second tour of Arsenal employment started in November 1950 with Ordnance at 1-B-6, Fuze and Booster area.

A native of Salem, Gladys is married and has four children. She enjoys sewing and crocheting in her spare time. This is Gladys' first experience in news reporting.

KATHY SARROCCO, stenographer in the line superintendent's office, started working in the Line One office in November 1951.

A native of Ravenna, Kathy graduated from high school there in 1949 and attended Dyke Spencerian business college in Cleveland.

During her high school days, she was a reporter for the school paper and co-editor of the year book. Kathy enjoys dancing and all sports for recreation.

Biographical sketches of the remaining Line One reporters will be featured in a future issue of the NEWS.

Employee Sketches . . .

T. W. Hendricks Jr., Financial Accounting Manager, has held some varied and interesting jobs. Born in Indianapolis Mr. Hendricks lived most of his life there.

During his grade and high school days, he worked as a paper boy, caddy, Western Union messenger, delivery boy for a bakery and as a dental laboratory assistant.

HENDRICKS His first full time job was stock clerk with a large department store. Shortly afterwards, he enrolled in the International Accountants Society and acquired his accounting education.

Mr. Hendricks was an accountant and auditor in Indianapolis before joining The Firestone Tire and Rubber Company in Akron in 1942. In April 1946, he was appointed secretary-treasurer of the Firestone Singapore, China, subsidiary.

Regarding his foreign service, he stated, "Mrs. Hendricks and I enjoyed our stay in Singapore. We feel that the experience gained both businesswise and socially gave us a better understanding and appreciation of Far Eastern problems. We met many interesting people and had some amusing incidents."

"During the early part of our stay, the quality of bread was a heavy enough to make a door-stop. Our normal procedure for eating this bread was to hold up a slice to the light and pick out the bugs and other foreign matter. We then toasted the bread to make sure anything that had been overlooked

Ollie D. Hightower, explosive operator in Department 75 Line Two, has been an Arsenalite since 1941. Mr. Hightower began his employment here with the Hunkin-Conkey Construction company.

From 1942 to 1945 he was employed by the Atlas Powder Company as an explosives operator. In 1947 Mr. Hightower worked on Line One for Ordnance.

nance, later going to Line Two. He transferred to Ravenna Arsenal, Inc., in April 1951 and since then has worked in the Melt Load and Screening buildings on Line Two.

A native of Forest City, Ark., Mr. Hightower now makes his home in Youngstown. He is married, has two sons and two daughters. One of his sons, Nathan, has been serving in Korea for the past year. Mr. Hightower is Chairman of the Board of Stewards at the Phillips C. M. E. Chapel in Youngstown and enjoys baseball for recreation.

Employment's chief clerk and girl-Friday, Norma Fless, is one of the Arsenal's old-timers. A former Ordnance employee, she transferred to Ravenna Arsenal, Inc., in April 1951 and took part in the organization of Employment's Records section of which she is chief clerk. A native of Hubbard, Mrs. Fless now makes her home with her daughter in Ravenna. However, she graduated from high school and business college in Youngstown.

Mrs. Fless first worked at the Arsenal from 1942 to 1944 in the Atlas Powder Company's Personnel department. She returned to the Arsenal in July 1950 for Ordnance personnel. When not keeping tab on her seven-year old daughter, Mrs. Fless says she likes to dance and play canasta.



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HIGHTOWER

Ravenna Arsenal NEWS

Vol. 2, No. 18 --- October 16, 1953

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Sawyer Kimes, Lillian Bosko, Gerald Stamm, Millie Miscovich, Kathy Sarrocco, Edythe Cooley, Flo Liskay, Alois Burnette, Mary Kakish, Norma Harvey, Lillian French, Margaret Taylor, Leona Schinke, Bessie Hutcheson, Elaine Tutoli, Elizabeth Jura, Mary Jean Bussan, Mary Kot, Dorothy Shaw, Sylvia Hinzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay, Richard Lawless, Nettie Richards, Gladys Veenis, Peggy Jones, Katherine Sartick, Marguerita Stanovich, Robert Medalliss, Willis Sands, Paul Bowen, Isabel Horn, Loretta Herman, Ruth Cook, Elsie Philipp, Emma Hoppes.



MRS. L. B. HUMPHREY is shown with three of the 12 paintings she made while in France. She is holding a still life study of the famous French "staff of life"—bread, wine and cheese. On her right is a scene of the ancient towers on each side of the entrance to the port of La Rochelle. Above Mrs. Humphrey is her painting of the Rue Pont Neuf bridge over the Seine river in Paris, with the Palace of Justice in the background.

Arsenalite Has Interesting And Exciting Trip to Europe

Stormy seas, lightning and national strike didn't dampen one Arsenalite's recent trip to France. Mrs. L. B. Humphrey, an Arsenal resident, found her first trip to Europe very interesting and somewhat exciting.

Mrs. Humphrey, an Arsenal Girl Scout leader, left August 4 for France to get first-hand knowledge of how the European Girl Scouts function. She is the wife of the Cost Accounting department manager.

She arrived home on September 26, after spending more than a month visiting in Paris and La Rochelle, the oldest town in France.

Mrs. Humphrey enjoyed the ocean voyage except that the weather was very rough, both going over and coming home. However, she did not get seasick!

WHILE IN PARIS, she stayed at the Girl Scout hostel which had accommodations for 100 women. The hostel was very comfortable, spacious and efficiently operated, Mrs. Humphrey related.

While staying at the Paris hotel, she met Scout representatives from Greece, Egypt, French Morocco, Bavaria, Ireland, Scotland, Germany, England, Italy and Switzerland. Mrs. Humphrey also attended a meeting of a Paris Scout troop.

She carried a letter of introduction recognized by Girl Scout and Girl Guide associations throughout the world. In most foreign countries the Girl Scouts are called Girl Guides.

Language was no barrier since all the scout leaders spoke English. Mrs. Humphrey said some of the leaders work in Paris during the summer as private tutors, teaching English and other subjects, since the majority are teachers.

LIGHTNING struck the Eiffel tower while Mrs. Humphrey was riding in the fourth (top) level elevator. No damage was done, however, since the bolt was deflected through the lightning rods. She had planned to visit other Girl Scout hostels in Holland and Belgium and a trip to Spain, but the French national strike curtailed her travels. She was stranded in Paris for 17 days before getting a train to La Rochelle to visit Major and Mrs. John Gorski, former

Jolly Rogers, Industrialists, Inspectors Lead Men's League

Jolly Rogers have rolled into first place in the Monday Night Men's Bowling league after holding down the number three spot.

In the Tuesday Night loop, the Industrialists are still on top. The Depot U-7 keggers made a good showing by coming up from fourth to second place.

Materials Inspection poured on the steam and took the lead in the Wednesday Night circuit after being in fourth place.

Standings for the three leagues are as follows:

MONDAY NIGHT			
TEAM	W	L	
Jolly Rodgers	16	4	
Ordinance Inspection	12½	7½	
Salvage	12	8	
Load Line One	11	9	

TUESDAY NIGHT			
Industrialists	14	2	
Depot U-7	11	5	
Cost Accounting	8½	7½	
Group 6	7½	8½	
Specifications	7	9	
Arsenalites	7	9	
Pleasant Valley A. C.	5	11	
Financial Accounting	4	12	

WEDNESDAY NIGHT			
Materials Inspection	13	3	
Old Timers	11	5	
Beginners	11	5	
Load Line One	8		
Inventory	8		
Truck Drivers	6	10	
Electricians	4	12	
Automotive	3	13	

Women's Friday Night League Elects Officers

The Friday Night Women's bowling league got under way October 2 when an organizational meeting and practice bowling session were held.

Leona Lee was elected president of the league, with Louise Spencer as vice-president. Mary Jane Jacobs is serving as secretary - treasurer and the sergeant-of-arms is Betty Elliott.

Average Bowlers, Ordnance on Top In Women's Loop

The Average Bowlers took the lead in the Thursday Night Women's league after trailing in the number two spot and the Elements jumped into second place.

In the new Friday Night loop, the Ordnance keggers and RAI Bombers are tied for first place after the first round of league play. Standings are as follows:

THURSDAY NIGHT			
Average Bowlers	17	3	
Elements	15	5	
Band-Aides	12	8	
Circlettes	11	9	
Pleasant Valley GAC	7	13	
Recordettes	7	13	
Postettes	6	14	
Independents	5	15	

FRIDAY NIGHT			
Ordnance	3	0	
RAI Bombers	3	0	
Load Line One	0	3	
Stationery Stores	0	3	

Fire's Big Three

The National Fire Protection Association estimates that there were more than 600,000 building fires in the United States in 1952. Just three hazards accounted for more than one-third of the total.

These were carelessness with matches and smoking, misuse of electricity and faulty wiring and appliances, and defective heating equipment.

Sports Quiz

(By Armed Forces Press Service)

1. What Major League hurler pitched two games in one day on five different occasions?
2. How many square feet of surface does the average putting green have?
3. What Major League club holds the all-time season high foot attendance at home?
4. What was the slowest speed ever recorded to win the "Indianapolis 500"?
5. Who was the National League's "Most Valuable Player" in 1952?

(Answers on page 2)

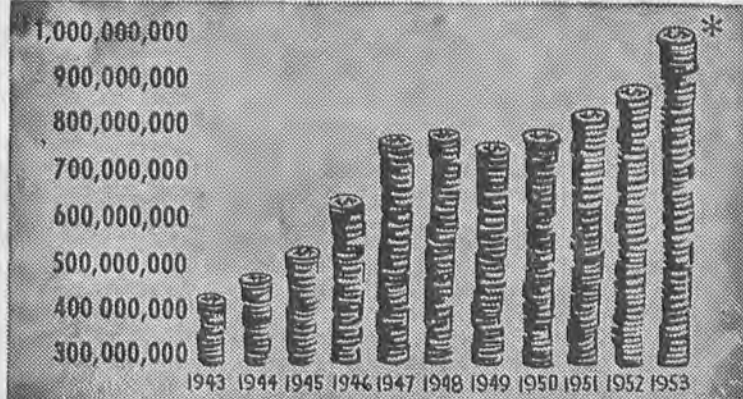
New Arrivals

CONGRATULATIONS to Mr. and Mrs. Donald Pitzer on the birth of a daughter, Marcia Lynne, September 24. Mr. Pitzer is employed in General Stores.

CONGRATULATIONS to Mr. and Mrs. Siglow on the birth of a girl September 30. Mrs. Siglow was formerly employed in Production Planning.

A GIRL, born to Mr. and Mrs. Carl Rowe, October 5. They named her Jackie Lynn. Mr. Rowe works in the Transportation department.

Fire Loss Doubles In Last 10 Years



*ESTIMATED on basis of first five months. (Photo, Rochester, N. Y., Times-Union.)

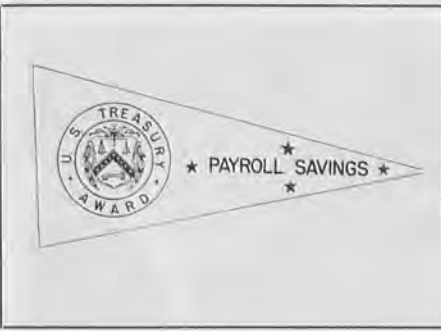
Americans are paying a shocking price for carelessness.

The National Fire Prevention Association reports that a fire loss of slightly more than \$400,000,000 in 1943 has climbed until in 1952, just ten years later, the loss exceeded \$896,000,000, partially due to inflated values. Deaths from fires totaled 12,535 in the United States and Canada.

Based upon the fire loss in the first 5 months of 1953, the NFPA predicts a loss in excess of \$900,000,000 this year. This would mean a loss of approximately \$6 per capita this year, a record peace-time high for this or any other nation.

"Americans lead all others in burning up their homes, their jobs, and themselves," the NFPA asserts and points out that at least 90 percent of the fires that take such a high annual toll in homes, on farms, and in industry can be prevented by being careful and practicing sensible living habits.

October is set aside each year as "Fire Prevention Month" but every Arsenal employee and his family are urged to practice extreme fire safety during the entire year.



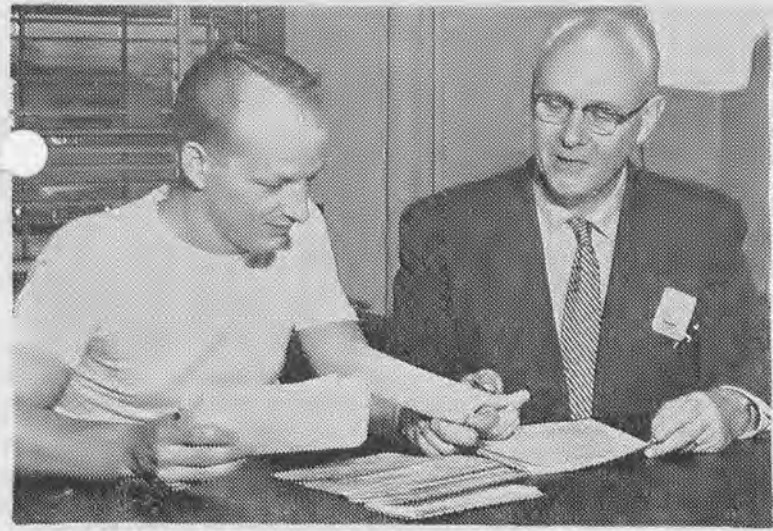
Vol. 2, No. 18

RAVENNA ARSENAL, INC., APCO, OHIO

October 16, 1953

RAVENNA ARSENAL NEWS

Fire Feeds -- On Careless Deeds!



LOOKING OVER a stack of payroll deduction cards and a tabulation of the first returns of the Arsenal's Red Feather drive are George Reckner (left), vice-president of Local 4581, United Steelworkers of America, CIO; and Harry M. Krenzel, Production Manager. Other union officials who, with the aid of their shop stewards and committeemen, helped promote the Community Chest campaign were Hugh Claggett, International Brotherhood of Electrical Workers; Fred Fair, Brotherhood of Locomotive Firemen and Enginemen; and James Adams, Brotherhood of Railroad Trainmen.

Colonel Bradley Attends Ordnance Operation 'Take Another Look'

Lt. Col. T. H. Bradley, Commanding Officer, was among the group of seven general officers of the Ordnance Corps and 50 colonels and key civilians of the Ordnance Field Service Depot system who took part in Operation "Take Another Look" at Raritan Arsenal, Metuchen, N. J., October 12 to 14.

Reason for the Operation was to make an appraisal of Ordnance depot activities for possible reduction of present operating costs of this multi-million dollar phase of Ordnance business.

Major Gen. E. L. Ford, Chief of Ordnance, and Maj. Gen. E. L. Cummings, who will succeed General Ford on November 1 when the latter retires after 36 years of service, was present at the opening session.

THE TONE of the meeting was set, however, by Brig. Gen. J. H. Hinrichs, Assistant Chief of Ordnance, who heads the Corps supply and maintenance activities at 43 installations in 23 states.

Other general officers who attended were Brig. Gen. C. H. Deitrick, Commanding, Ordnance Tank-Automotive Center, Detroit;

Community Chest Drive Nets \$6,500 on First Tabulation

1953 Red Feather Campaign Expected To Beat Previous Two-Year Records

Community Chest pledges and donations by employees and Ravenna Arsenal, Inc. totaled over \$6,500 during the first tabulation on October 12 for the Red Feather Fund drive.

This year's Community Chest campaign is expected to break all contribution records set during the past two years. Promotion of the campaign was accomplished through the efforts of the chest committee composed of supervision and union officials, shop stewards and committeemen.

More than 2,900 employees contributed over \$5,285 during the first tabulation, which makes an average donation of \$1.81 per employee.

The Ravenna Community Chest received \$2,418.44 from employees plus \$1,000 from Ravenna Arsenal, Inc. Akron was second on the list, with Arsenal employees donating \$893.50.

Newton Falls received \$625 in employee contributions and \$250 from the Company. Warren received \$481.75; Kent, \$243.75; Youngstown, \$207; and Alliance, \$164.50.

Other towns which received smaller amounts were Niles, Canton, Girard, Salem, Cuyahoga Falls, Cleveland, Sebring and Barberton.

Ordnance Staff personnel contributed over \$150 to the Red Feather fund and most of the money was designated for Ravenna.

The Comptroller's division was the only large unit to sign up 100 percent for the Chest Drive. This included the Comptroller's office, Auditing, Cost and Inventory, Accounting, Office Manager's, Payroll and Purchasing departments.

Other 100 percent departments were: Administrative Payroll, General Stores, General Stores Records, Ammunition Stock Control, Traffic, Space Heating, Water and Sewage, Water and Sewage Maintenance, Roads and Grounds Equipment Repair shop, Buildings and Structural Maintenance, Engineering Department 54, Production Planning and Scrap and Salvage.

Community Chest participation on the lines was high. Following the Artillery Primer Line's lead of 98 percent was the Ammunition Nitrate with 89 percent. Percussion Element was next with 82 percent employee participation; Load Line Two followed close with 81 percent; Load Line Four, 75 percent; and Load Line One, 66 percent.

Former Arsenal Officer Visits Parents Here

Former Arsenalites Capt. and Mrs. Harry Huston and family recently visited his parents, Mr. and Mrs. E. C. Weyrich, Arsenal residents.

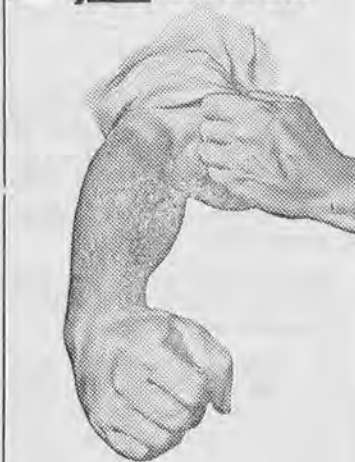
Capt. Huston was stationed here for three years before going overseas in 1950. Also, two of their children were born while Captain and Mrs. Huston lived at the Arsenal.



SIGNING the new collective bargaining agreement between Ravenna Arsenal, Inc., and the Steelworkers of America, CIO, are, left to right: Clarence Irwin and Verne Halsey, Union staff representatives; W. J. Fogarty and R. M. Wilson, representing the Company; and Eli Evonovich, president of Local Union 4581.

The wage increase, inequity adjustments and liberalized vacation program will not be placed into effect until receipt of approval from the Ordnance Ammunition Center.

It's time to roll up your sleeve...



You Can Save A Life -- When You Give Blood On November 4th!

Do You Close Your Mind?

How far does an automobile travel in five seconds at 45 to 50 miles an hour? Have you ever thought what might happen if you took your hands off the steering wheel and closed your eyes for that length of time?

Serious accidents do not occur because people take their hands off the steering wheel and close their eyes, but rather because they close their mind by thinking of other things.

Some people call it carelessness or thoughtlessness, but actually it is inattention. Most jobs require constant alertness for your own safety. Don't sacrifice your life or limbs by allowing your mind to wander when in the midst of hazardous work.

If it is necessary to talk to someone while driving or working, be sure the interruption will not cause you to get hurt.

If you are expecting to attend a big party, or making plans for a weekend trip, or if you've had trouble at home, or if you've had an argument, try thinking about these things outside of working hours.

In other words, "Watch what you're doing, while you're doing it!"

What Would You Do With \$15,000?

What would you do if you found \$15,000 lying on the sidewalk? Buy a house? Send Johnny to college? Buy a new car?

Well, \$15,000 is the amount Arsenal employees lost in absentee wages during the period from October 5 to 12. Within seven days \$15,000 was scattered to the winds by employees who took time off from their jobs.

An astonishing amount, isn't it? And it's equally amazing to know that there are some employees completely unconcerned about this loss.

What has happened to our common sense? Are we so independent that we can afford to take unnecessary time off from our jobs and throw thousands of dollars away each month?

Staying home to get some rest, when you should have gone to bed earlier the night before, is certainly no excuse. Neither is staying home because of car trouble when you could ride with an employee who lives down the street.

The departments who have reduced their absenteeism to zero or a low percentage have shown that absenteeism can be reduced throughout the Arsenal. Hourly departmental figures for August and September are shown below.

Have a look at this chart. How does your department compare with the others? Make a resolution right now to be on the job every day. Let's support the "STOP ABSENTEEISM" campaign wholeheartedly, every day in the year.

DEPARTMENT	Aug.	Sept.	Janitorial	7.6	4.0
Stores, Warehouses	2.7	1.7	Laundry	2.8	3.7
Component Stores	7.1	8.2	Guard Force	3.7	4.4
Stores Stock Control	0.0	0.0	Firefighting	0.3	0.6
Stores, Stock Records	0.8	0.7	Scrap, Salvage	5.0	3.2
Railroad Operations	4.8	6.3	Maintenance Shop	2.3	3.2
Transportation	3.0	7.1	Roads, Grounds	0.9	3.2
Automotive Maint.	3.2	5.0	Load Line One	8.9	9.6
Railroad Maint.	5.2	4.3	Load Line Two	5.7	7.8
Mat'l. Handling Equip.	0.7	2.7	Load Line Three	7.4	9.4
Powerhouse	1.0	2.0	Fuze Line Two	0.0	0.0
Space Heating	1.0	1.4	Artillery Primer	6.0	8.1
Water and Sewage	0.2	0.0	Ammonium Nitrate	2.0	3.2
Load Line Maint.	2.7	4.6	Percussion Element	1.4	5.5
Engineering Equip.	2.2	4.1	Press Shop	0.0	0.8
Preventative Maint.	0.0	0.8	Depot	5.2	7.8
Railroad Maint. Shop	0.0	0.0	Ammunition Inspection	1.4	1.7
Shoe Department	0.0	0.0	Strategic Materials	4.5	7.3
			OCIR Stores	2.4	7.4

Ravenna Arsenal NEWS

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Sawyer Kimes, Lillian Bosko, Gerald Stamm, Millie Micevich, Kathy Sarrocco, Edythe Cooley, Flo Liskay, Alois Burnett, Mary Kakhish, Norma Harvey, Lillian French, Margaret Taylor, Leona Schinke, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Mary Kot, Dorothy Shaw, Sylvia Hinzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay, Richard Lawless, Nettie Richards, Gladys Veenis, Peggy Jones, Katherine Sartick, Marguerita Stanovich, Robert Medallis, Willis Sands, Paul Bowen, Isabel Horn, Loretta Herman, Ruth Cook, Elsie Philipp, Emma Hoppes, Frank Mitchell, Helen Ontko.



ROBERT LILLY (left), process inspector from Kent, holds a Quality Control chart as he explains the purpose for maintaining high quality of loaded 50mm projectiles being processed in Building 10 Line One. Looking on are James M. Drass, supervisor from Newton Falls, and production employees Grace Barnes, Braceville, and Geneva Thompson, Warren.

Shell Zoning

(Continued from page 1)

ed by "forecasting" the loaded weight of the projectile from the inert weight.

By decreasing the number of "off zone" shells entering the final zone building, the chances of "off zone" shells slipping by the zone scale operators were greatly reduced. That also is a contributing factor to the increased production and decreased physical effort.

No one enjoys doing something that will never accomplish any favorable results. It's quite disheartening to work hard all day and, at the very last minute, discover that the shells are not acceptable and will have to be re-worked. That is what happens when a shift's production is rejected because of objectionable characteristics — all of which should have been taken care of by employees responsible for the particular operations.

QUALITY CONTROL plays an important part since charts, posted throughout the line show inspection results and let employees know how their work is — in relation to what it should be. In a sense, the charts are maps showing where you are going, so that you may govern the quality of your work accordingly and help prevent shell lot rejections or unacceptable work.

Quality Control means exactly what the words say — there is no mystery about it. We are all Quality Control people, although we are doing different jobs. Quality of our work is built into every job. By striving to make all of our work acceptable, the quality of the product improves and tends to make all work worth while.

Statistical Quality Control is much the same as Quality Control, with the exception that it involves the use of figures and frequencies and thereby eliminates personal opinions. Various tests are employed to measure quality and normalcy, one of which is the Quality Chart, a visual aid to show the measure of quality.

Quality Charts are located at all major operating stations in each building. They are posted promptly by the process inspector and are for all to use. The charts tell if the quality of production work is as good as it was in the past or, if employees are failing on the job.

Study the Quality Chart in your building or at your operation, and ask your foreman or inspector to explain its functions. If you have any ideas for improving production quality, submit them to the Suggestion department for evaluation. Worthwhile suggestions, if applicable to this plant's needs, are paid for in cash.

Suggestion Awards

(Continued from page 1)

ment \$2 Line Three, Windham; Ralph E. Pemberton, Line Four Personnel Attendant, Windham; Arlene Bollinger, A. N. Line, Garrettsville; Gladys Daughtery, A. P. Line, Warren; Gloria H. Schaffer, A. P. Line, Ravenna; William L. Cockerham, A. P. Line, Kent; Denver A. Flowers, Component Stores, Ravenna; Robert Shaffer, Component Stores dispatcher, Lake Milton; John Lavo, Transportation, Ravenna; John Huzvar, Material Handling Equipment repair shop, New Milford; and Dean L. Miller, Transportation, Ravenna.

This is a brand new show, featuring the world-famous "Dancing Waters" spectacle that has broken every all-time attendance record at New York's Radio City, plus a huge variety bill.

Special rates on tickets are available for November 17 and 18. The regular prices — \$3, \$2.50 and \$2 — will be cut 75 cents.

Discount order blanks are now available and will be sent to employees who phone their name and department to Extension 600.

Lest We Forget...



...Armistice Day, November 11

There have been so many other wars since the ending of World War I on November 11, 1918, that we sometimes forget the men who first marched off to make the world "safe for democracy" — men who fought, bled and died for the self-same principle we're fighting for today. Many men from this surrounding five-county area, now more or less forgotten, gave their lives to this cause. One of America's famous casualties in the Great War was the soldier-poet Joyce Kilmer of the "Fighting 69th." And so, on this Armistice Day, November 11, let's bow our heads in a moment of silent prayer, honoring those brave men of 35 years ago.

News In Brief

Medical

Eliza Edwards, Dorothy Horning and Jo Rohsel recently enjoyed viewing the Ice Capades. . . . Jeanne Yamsek and husband, Pete enjoyed a vacation in New York and Maine. . . . Dr. Knight and wife visited Mrs. Knight's father in Philadelphia the weekend of October 9. While there, Dr. Knight visited Frankford Arsenal. . . . Nancy Biondo visited relatives in New Jersey during her vacation.

Depot Area

Dominic Mancini, a professional fighter for several years, has had an invitation to visit and renew old acquaintances with Dr. Coyne and Fritz Zivic, ex-welterweight champion. Dominic and Fritz once fought a 10-round draw. . . . We are pleased to hear that Dwight Ringler's mother is improving from her serious illness. . . . Bolton Barn personnel gave a surprise birthday party for Dorothy Thomas on September 23. . . . A. A. Campanello recently enjoyed a week's vacation. . . . We're sorry to hear Jack Loveland is confined to his bed due to illness. . . . Joe Branick is recuperating from an operation in Robinson Memorial hospital. Best wishes for a speedy recovery. Abe Goldman was also on the list of those enjoying late vacations.

Comptrollers

Helen Peterchak has returned from an exciting 10-day trip to Bermuda where she visited a former school friend. . . . Best wishes for a speedy recovery to Betty Ellet and Terry Morse. Betty is confined to Warren Trumbull Memorial hospital. Terry was rushed to Robinson Memorial hospital for an emergency appendectomy, the operation from which her husband Donald, PE and I division, just recently recovered.

Load Line One

John Rebic and family spent an enjoyable vacation visiting in Pennsylvania and West Virginia. . . . Our deepest sympathy is extended to Merle Fitzpatrick on the recent death of his granddaughter. We're sorry to hear about the illness of Virgil Combs' daughter, Annette. . . . Welcome back to Chuck Walls and Bill Gore who have returned after being sick. . . . Get well wishes are sent to Bill Marris' mother who is confined in Robinson Memorial hospital. . . . Adrienne Richards recently entertained her brother and family from New Jersey whom she hadn't seen for 13 years. . . . Our deepest sympathy is extended to Richard Force and Clarence Reed on the deaths of their fathers. . . . Lucille Jackson was honored at a birthday party held at her home.

The George Brown's and the Harold Keiper family celebrated Mrs. Brown's birthday by attending the Ice Capades. . . . G. McVicker vacationed in his home state of West Virginia. . . . Get well wishes are sent to Stanley Checkeroski and Carl Strohm who are recuperating from injuries received in an auto accident. . . . Cathleen Fulcher is recuperating nicely from her recent operation. . . . We're glad to hear Margaret Rider's husband is recovering from his illness. . . . Helen Carpenter recently enjoyed a week's vacation. . . . Employees of Department 66 honored Tom Reagan at a farewell party October 9. Tom and family are leaving for Florida where they will make their new home. . . . Best wishes for a speedy recovery are sent to Dorothy Shaw.

Ammonium Nitrate Line

Best wishes for a speedy recovery to Leona Schinke who has been ill for quite some time. Robert Nance has been released from the hospital and is convalescing at home. . . . Alice Rosner recently enjoyed a week's vacation. . . . Bonnie Miller is still recuperating at home.

Nationwide Food Service

Helen Sands, and son, Tom, will have no trouble remembering the dates of their operations. They can remind each other! Both are in Robinson Memorial hospital; Tommy underwent an emergency appendectomy while Mrs. Sands had a goiter removed. We're glad to hear they are both recovering nicely. . . . Flora Lange is presently enjoying a week's vacation.

Load Line Four

Lakie Carroll is welcomed back to work after her long illness. Loretta Herman recently enjoyed a weekend at Niagara Falls. Larry Grafton and "Red" Davis have returned from enjoyable vacations.

Congratulations to Mr. and Mrs. Reo Polidori on their 12th wedding anniversary, October 20 and to Mr. and Mrs. Harry Hirst who celebrated their 17th wedding anniversary October 22. . . . Bernice Vardaro is at home due to family illness. We hope all will be well soon. Barbara Thornton, transfer from Line One, is Department 92's new employee.

Industrial Relations

Our sincerest get well wishes are sent to Eddie Shriver, Identification office, who is in Akron City hospital. . . . Bob Wilson, Employment and Services Manager, and family recently spent a two-day vacation plus a weekend in Bedford County, Pa. . . . C. F. Craver, Safety-Security and Training Manager, spent the week of October 19 attending the 41st National Safety Congress and Exposition in Chicago. . . . Suggestions Manager R. L. Baumgardner attended the 11th annual conference of the National Association of Suggestion Systems on October 26 and 27 in Pittsburgh.

Ordinance Staff

Charles Kehl has returned from a course on Primers and Detonators given at Picatinny Arsenal this past week. . . . Maida Ricker spent her vacation visiting Cape Cod and touring the Northeastern states. Rovenna Money's husband, Charles, is presently home on furlough. Tech. Sgt. Money has just returned from Korean service. . . . Mr. and Mrs. William Daly visited their daughter and her husband in Indianapolis during their vacation. . . . Lt. Col. T. H. Bradley, Commanding Officer, attended a three-day Ordnance Management Engineering Appreciation course at Rock Island Arsenal October 19, 20 and 21.

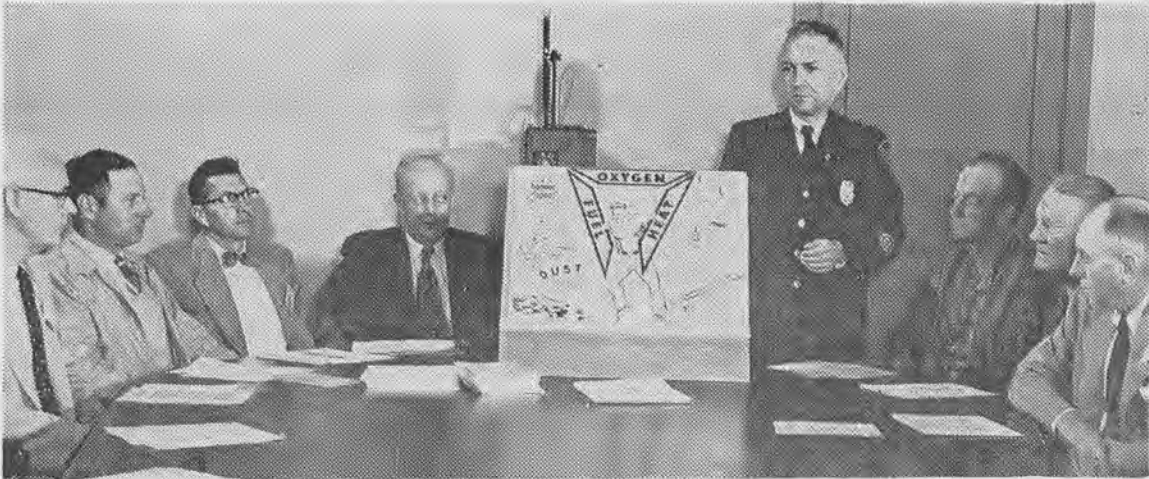
George Road Shops

Best wishes for a speedy recovery are sent to Gordon Stairs, undergoing surgery in Warren St. Joseph's hospital; "Big" Bob Henderson who re-entered the hospital last week; and to H. C. Gantt, also on the sick list. . . . Thankful for the beautiful Indian summer weather for late vacationing were Harry Williams and wife Marcelle who visited relatives in Pennsylvania and Maryland, and Philip and Maybelle Loveless who enjoyed a two-week southern tour. . . . Our sincere sympathy wishes are extended to Lester Rossow on the death of his mother and to George Loomis on the death of his father. . . . Belated congratulations to Philip Monteneri on his marriage to Miss Louise Hood of Leavittsburg. . . . Medio Sarrocco is very proud of his daughter Gloria, who just graduated from St. Thomas school of nursing.

Talks, Demonstrations Highlight Fire Prevention Week



ONE THOUSAND gallons of water per minute can be pumped into a burning building by the Fire department's deluge gun. Operating this modern firefighting equipment are Fireman William G. Davis, Atwater, and Crew Chief Harry J. Peters of Solon. Either two or three 2½-inch hose lines can be connected to the unit, which has three different size nozzles. The 1½-inch tip has a flow of 600 gallons per minute, the 1¾-inch nozzle has an 800-gallons-per-minute stream, and the 2-inch tip shoots 1,000 gallons, all at 80-pound nozzle pressure. Both vertical and horizontal adjustments of the stream are possible with this gun.



FIRE LIEUTENANT O. D. Riesterer is shown speaking at one of the supervisory safety meetings. Lieutenant Riesterer and the other Fire Lieutenants used the chart as a visual aid in explaining the Arsenal's fire prevention program. Seated around the conference table are, left to right: H. M. Krengele, Production department; G. E. Griggy, Railroad Maintenance; T. J. Gedeon, Ammonium Nitrate Line; John Buchanan, Training School; Lieutenant Riesterer, E. H. White, Depot Labor Pool; W. A. Krienke, Ammunition Inspection; and L. B. Coleman, Laundry.

Former 1-B-6 Employees To Hold Annual Reunion

An open invitation is extended to all former employees of 1-B-6, Fuze and Booster area, and their families to attend the annual reunion on November 8.

The get-together will be held at Cafe 422, Warren-Youngstown road (Route 422), at 6:30 p.m.

Interested employees should contact Ethel Leach at Newton Falls 5355; Rose Duganne at Ravenna 6271; or Arla Hoover at Ravenna 7397.

Load Line Two

Margaret Allen, Department 76, and family recently visited Paul "Robbie" Robinson and wife in Savannah, Ga. The Robinsons wished to be remembered to their friends and former co-workers. . . . Edward St. Clair, Ordnance x-ray technician, is confined in St. Luke's hospital, Cleveland. Best wishes for a speedy recovery. . . . Annie Brown, Department 76, is recuperating nicely from her illness. . . . We're sorry to hear Effie Walbrown, Department 72, has been called home due to the serious condition of her mother. . . . T. E. Watson is convalescing at home and getting along fine.

General Stores

Pat DeGirolamo, Stock Control, and wife visited relatives in Florida during their vacation. . . . Fay Holden, Dorothy Holupko and Edith Kouba have enrolled in evening business classes at Youngstown college. . . . Frank Delay, OCIR, spent his vacation moving into his new home.

Arsenalites in the Armed Forces

Arsenalites who recently answered Uncle Sam's call are Earl E. Cale, Department 66 Line One, Ravenna; and Pervis D. Hollis, Department 62 Line One, Ravenna.

Former Component Stores clerk Phillip Gumino is still "employed" by an Ordnance installation. However, his job title has changed to "Private — U. S. Army Ordnance Corps." His new address is Pvt. Phillip Gumino, Co. M, 3rd OTB, ORTC, Aberdeen Proving Grounds, Aberdeen, Md.

In Memoriam

CLARK STASSEN

Three-year old Clark Stassen, son of Mr. and Mrs. Paul Stassen of Windham, died from suffocation in a fire which destroyed their home October 16. Services were held in Warren October 19 with burial at Oakwood cemetery.

He is survived by his parents; and two sisters, Paula and Susan. Mrs. Stassen is an Arsenal nurse.

ADAM J. WLADYKA

Adam J. Wladyka, 66, an Arsenal Depot employee for the past six years, died October 8 following a short illness. Services were held October 10 at Immaculate Conception church, Ravenna. Interment was in St. Mary's cemetery. Born in Poland, Mr. Wladyka lived in this vicinity 26 years. He began working at the Arsenal for Ordnance from November 1945 to November 1946. He returned as a munitions handler in September 1947 and transferred to Ravenna Arsenal, Inc. in March 1952.

Mr. Wladyka is survived by his wife, Agnes; a son Edward, employed in Department 192 Depot; and a grandson, David.

Old Timers Move Into First Place In Wednesday Loop

Jolly Rogers still are maintaining their first place lead in the Monday Night Men's Bowling league while the Salvage team edged their way into second place. Ordnance dropped into sixth place.

In the Tuesday night loop, the Industrialists are holding down their number one spot with a seven-game lead over the second place Depot U-7 team.

The Old Timers moved into top position in the Wednesday Night circuit and are holding their lead by the narrow margin of two games over the Beginners. Materials Inspection dropped from first to fourth place. Standings for the three leagues are as follows:

MONDAY NIGHT

TEAM	W	L
Jolly Rogers	23	5
Salvage	16	12
Load Line One	15	13
Load Line Four	14½	13½
Load Line Two	13	15
Ordnance Inspection	12½	15½
Guards	11	17
Motor Pool	7	21

TUESDAY NIGHT

Industrialists	25	3
Depot U-7	18	10
Group Six	15½	12½
Arsenalites	13	15
Cost Accounting	12½	15½
Financial Accounting	10	18
Pleasant Valley AC	9	19
Specification	9	19

WEDNESDAY NIGHT

Old Timers	22	6
Beginners	20	8
Load Line One	15	13
Materials Inspection	14	14
Electricians	11	17
Inventory	10	18
Automotive	10	18
Truck Drivers	10	18

Women's Bowling Leagues Tied For Number One Spots

In the Thursday Night Women's Bowling league, the Elements poured on the steam and tied the Average Bowlers for first position. The Band-Aides are still holding down third place.

In the Friday Night league, Ordnance and the RAI Bombers are still tied for first place, with Line One and Stationery Stores tied for bottom position. Standings are as follows:

THURSDAY NIGHT

TEAM	W	L
Average Bowlers	22	6
Elements	22	6
Band-Aides	16	12
Cirellettes	13	15
Pleasant Valley GAC	11½	16½
Recordettes	10½	17½
Postettes	8½	19½
Independents	7½	20½

FRIDAY NIGHT

Ordnance	5	4
RAI Bombers	5	4
Line One	4	5
Stationery Stores	4	5

Don Mullen Leads With 617 Series

Don Mullen of the Beginners is leading the three Men's Bowling leagues with a high series of 617. Don rolled his high tally on October 21 with games of 213, 179 and 225 and helped his team cement their second place spot. The Beginners took three points from Materials Inspection on that date.

During Monday Night league action on October 19, Jolly Rogers copped four points from Ordnance Inspection, led by Roy Magnuson's 571 series on games of 221, 158 and 192.

Despite Mike Horner's 535 series on October 20, the Industrialists took three points from Mike's team, Depot U-7, in Tuesday league action. Mike's games were 191, 190 and 154.



THE PASSING of an era: A Roads and Grounds crane operator, Frank DeLeone, lowers the 95-foot steel radio antenna tower after it was lifted from its base in back of the Personnel building. The five-ton, three section "pole" was assembled section by section by the Hunkin-Conkey Construction company in 1942 and secured to a concrete base behind what was then the Guard Force headquarters. The Roads and Grounds crew then hauled the 95-foot tower to the new Guard Force building and placed it on an eight-foot base. Thus, the tower will once again be used as an antenna for the Arsenal's mobile radio units. At present, a wooden pole is being used.

Weddings

STRONZ - PROVENZO

Miss Carmella Provenzo, attended the observance of "Ordinance Day" at Aberdeen (Md.) Proving Ground on October 8. The five-ton, three section "pole" was assembled section by section by the Hunkin-Conkey Construction company in 1942 and secured to a concrete base behind what was then the Guard Force headquarters. The Roads and Grounds crew then hauled the 95-foot tower to the new Guard Force building and placed it on an eight-foot base. Thus, the tower will once again be used as an antenna for the Arsenal's mobile radio units. At present, a wooden pole is being used.

The bride, who is employed in the Stock Control department, is the daughter of Mr. and Mrs. William Provenzo of Ravenna. Sgt. Stronz, son of Mr. and Mrs. Anthony Stronz also of Ravenna, is stationed at Camp Atterbury, Ind.

Arsenalites who were in the wedding party were Miss Sally Provenzo, Production Planning, maid-of-honor for her sister, and Miss Halle Lou Eidson, Financial Accounting, a bridesmaid.

JONES - HENTZ

Immaculate Conception church, Ravenna, was the scene of the ceremony which united Miss Mary Lou Hentz in marriage to Richard Jones on September 19. Miss Suzanne Clark, Employment, was a bridesmaid for the occasion. Mrs. Joan Sedlock, Comptroller's office, was matron of honor for her sister.

The newlyweds motored through the eastern states on their honeymoon trip. Mrs. Jones is employed in the Property department.

KASER - MILLER

Two Arsenalites, Miss Suzanne Miller and Gerald Kaser, were united in marriage October 17 at the Garrettsville Methodist church. The couple honeymooned in Cleveland.

The new Mrs. Kaser, who is employed in the Identification office, is the daughter of Mr. and Mrs. Roland Miller of Ravenna. Mrs. Miller works in Component Stores Records. Mr. Kaser, son of Mr. and Mrs. Harwood Kaser of Garrettsville, is employed on the Artillery Primer Line.

General Ford Retires; Lauds Ordnance-Industry Teamwork

"To continue supplying the world's best ordnance to the world's finest soldiers" was the way Maj. Gen. E. L. Ford, retiring Chief of Ordnance, defined the mission of the Army Ordnance Corps in a farewell letter received this week by Lt. Col. T. H. Bradley, Commanding Officer.

Directing his remarks to "all Ordnance Corps personnel," General Ford paid high tribute to the workers at Ordnance's 97 installations throughout the country.

"I do not for one moment forget," he wrote, "that for every achievement with which the Ordnance Corps is credited, the greatest share of that credit belongs to you men and women in our many Ordnance installations earnestly going about your everyday jobs. And I am convinced that, collectively, your contributions will make an impressive chapter in history."

GENERAL FORD retired on October 31 after 40 years in uniform. As the 19th Chief of Ordnance in the 141-year history of the Corps, he had the responsibility of virtually reestablishing a whole new arms and ammunition industry because of the rapid and large scale demobilization at the close of World War II.

Under his direction deliveries of new ordnance material climbed from almost negligible quantities in 1949 to about eight billion dollars worth annually. New production during fiscal year 1953 was double that produced during fiscal year 1952. Ordnance is responsible for about 45 cents of every dollar in the Army budget.

In addition to his farewell tribute, General Ford has often remarked, "Of the Industry-Ordnance team about which so much has been said, the biggest and most important half of the team is Industry."

During his Arsenal visit on June 5, the retiring Ordnance chief had expressed his gratitude on behalf of the Corps for the results obtained by the "ceaseless efforts of the government and contractor's staff at Ravenna Arsenal." Our broad defense and mutual aid programs make it necessary for the ammunition program to "continue for some time to come," General Ford stated.

A **NATIVE** of Milford, Conn., General Ford graduated from the United States Military Academy in 1917. He received his commission as a second lieutenant and a promotion to first lieutenant on the same day.

Highlights of his World War II

New Identification Program Established For Private Autos

The Arsenal's new vehicle identification program for private automobiles became effective October 27. All employees driving autos into the Arsenal must have their vehicles registered by that date.

Ravenna Arsenal Vehicle Registration cards have been distributed to every employee and the card must be filled out completely, regardless of any previous registration.

Employees driving more than one private vehicle onto Arsenal property must register each vehicle on a separate card.

The registration stub is retained by the driver for identification and must be shown upon request by guards at any exterior gates. Later, the stubs will be replaced by windshield decals.

This compulsory registration of all private vehicles is an Ordnance requirement for all government-owned installations and is a security measure beneficial to all employees.

In the past, this system has aided the Guard Force in identifying owners of vehicles which have caught fire without their knowledge, been abandoned on highways due to mechanical trouble, or have been involved in thefts.

New Arrivals

CONGRATULATIONS to Mr. and Mrs. Eddie Humphrey on the birth of a boy September 16. Their new son was named Eddie Jr. Mr. Humphrey works in Department 62 Line One.

A **BOY**, born to Mr. and Mrs. Ray Leonard on September 24. Edward George was the name chosen for the baby. Mr. Leonard works in Department 62 Line One.

CONGRATULATIONS to Mr. and Mrs. Leonard Fischer on the birth of a girl, Deborah Sue, on October 16. This is their second child. Mr. Fischer works in the Investigation office.

A **GIRL**, Mary Ann, born October 14 to Mr. and Mrs. Don Booth. Mr. Booth is a process inspector in Department 66 Line One.

A **BOY**, Thomas Franklin, born October 16 to Mr. and Mrs. Frank Winice. Mr. Winice is employed in Cost and Inventory department.

CONGRATULATIONS to Mr. and Mrs. Edward Horvat on the birth of a daughter, Edwina Marie, born September 9. Mr. Horvat works in the Payroll department.



Vol. 2, No. 19

RAVENNA ARSENAL, INC., APCO, OHIO

November 2, 1953

RAVENNA ARSENAL NEWS

Roll Up Your Sleeve --

And save a life
by giving blood
on November 4!



WE HOPE it won't happen. But our country must prepare for any eventuality in this atomic age. One A-bomb over a big city could cause 60,000 casualties. At least 40,000 men, women and children would need at least one unit of whole blood or plasma immediately—and three times that amount after the attack. Plasma can be stored for five years. The Federal Civil Defense administration is trying to collect enough blood to build a minimum reserve. But building a blood reserve is only one phase of the National Blood program.

Our Armed Forces have first call on the blood you donate. Because, to the men wounded in combat, blood is life itself. And, to veterans recuperating in a military hospital, blood it what it takes to make him whole and well again. What's more, you yourself may need blood in the event of fire, explosion or other disaster. And to the child threatened with polio, blood may mean the difference between crippling disfigurement and recovery. So, there are many reasons why employees are asked to give a pint of blood on November 4 when the Red Cross bloodmobile makes its 12th Arsenal visit.

A. P. Line Employees Lead Suggestion Winners Field

Artillery Primer Line employees led the field by copping eight of the 20 suggestion awards approved by the Arsenal Suggestion board on October 23.

Superintendent of the A. P. Line is E. P. Babington. The 20 cash awards paid by the board totaled \$220.

A Ravenna husband and wife team, Mr. and Mrs. J. Delson Wilhelm, combined to take the top awards. Mr. Wilhelm, a two-time winner, was awarded \$20 for a suggestion to install ball bearings

to replace sleeve bearings on canner turn-tables. He collected \$10 more for suggesting "box extensions" to serve as funnels in filling boxes.

Mrs. Wilhelm, who had collected one award previously, received a \$15 award for an idea to install baffle plates on dial feeder channels. Mr. Wilhelm is a maintenance man while Mrs. Wilhelm is a header machine operator on the A. P. Line.

Automotive Maintenance employee J. H. Mayer from Garrettsville was also presented a \$15 award for his winning idea. Mr. Mayer's suggestion concerned an electric drill attachment.

ARLA HOOVER, A. P. Line employee from Ravenna, copped her fifth and sixth suggestion awards of \$10 each for ideas concerning plastic number cards and the covering of table cross bars with copper sheeting.

The remaining employees who collected awards of \$10 each were: Franklin M. Ruff, Carpenter shop, Warren; Raymond D. Marvin, Carpenter shop, Ravenna; R. L. Hart, Water and Sewage, Ravenna; E. L. Lambert, Department 66 Line One, Newton Falls; and Harry E. Skelton, Department 67 Line One, Warren.

Also, Howard Small, Department 67 Line One, Warren.

(Continued on page 2)

Deposit a Pint Of Blood To Your Account

Employees will have another opportunity to "deposit" a pint of blood to their account in the district blood bank when the Red Cross bloodmobile makes its 12th Arsenal visit, November 4.

The Cleveland unit will be at the Arsenal hospital from 9 a. m. to 3 p. m. Employees who forgot to sign up, can still give blood by being a "walk-in" donor on November 4.

Now is the time to "Roll Up Your Sleeve" because wounded servicemen in military hospitals still need blood and a reserve of whole blood and plasma must be maintained to aid community or national disaster victims. Everyone benefits from the blood collected by the district bloodmobile.

Two Rebuilt Auto Motors for Sale

Two rebuilt automobile motors, one Ford and one Plymouth, have been released for sale to the highest bidder by Ravenna Arsenal, Inc. Interested employees are permitted to offer quotation bids by letter on these items.

Further information can be obtained by contacting the Scrap and Salvage department, Room 146, Headquarters building.

Accurate Shell Zoning Means Safety to Our Combat Troops

Occasionally newspapers and radio stations report a story about artillery shells being fired into our combat troops instead of in front of them as intended.

What happens, is that the shells being fired were not in the same zone that was being plotted on the artillery battalion's firing tables and gun settings.

That is why Quality Control shell zoning at Ravenna Arsenal is very important and worthwhile, because in its accuracy lies the safety of our front line troops.

Too much accuracy can never be achieved! This Arsenal wants to produce ammunition that is always superior to that of foreign countries. To maintain this superiority, every employee must do his part exactly as specified because quality is a personal matter and belongs to each employee.

In a preceding issue of the NEWS, you read a story explaining how Quality Control applications aid in zoning shells on Load Line One. As was reported, a considerable amount of storing, reworking and all around confusion was, and is, eliminated by the actual application of Quality Control techniques.

Free Influenza Shots Available To All Employees

Free influenza inoculations will be available for all Arsenal employees beginning November 2.

According to medical records, influenza reaches epidemic proportions in cycles. The last year in which the flu was severe was in 1948. Public health officials are predicting that influenza will again reach epidemic proportions this winter season.

As a result of this forecast, special emphasis is being made throughout the country for "flu shots." Many industrial plants have adopted this program to protect their employees and prevent disruption of production caused by heavy illness absenteeism.

The influenza inoculations, consisting of one-tenth CC of serum, will leave no adverse effects, such as "sore" arms sometimes experienced from some shots which contained more serum.

Medical personnel will visit each Arsenal area so that employees may obtain the inoculations without losing time from their jobs.

G. T. Fox Receives 10-Year Service Pin



RECEIVING the Company's 10-year service award from Paul Borda (left), General Manager, is G. T. Fox, Auditing Department Manager. Before joining Ravenna Arsenal, Inc. in May 1951, Mr. Fox was Firestone Stores Auditor for the Akron district. He graduated from Northwestern university, majoring in accounting, and started working for the Company in the Gun Mount Division Auditing department on October 21, 1943. Mr. Fox is married and has five children.

Religion in American Life

The early American settlers were hardy and courageous and resourceful. They had to be—else none of them would have survived. But they were not sufficient unto themselves. The odds they were up against—facing that hostile wilderness—were too great for them to rely on themselves alone. They needed God's help; they gladly sought it and they frankly acknowledged that it was that Power beyond themselves that provided the strength which saw them through.

I believe there are many indications in American life today that faith is reviving. Faced as we are with difficult times, confronted with much uncertainty, we are beginning to recognize that we are no more self-sufficient than our forbears were. More frankly perhaps than in less disturbed time, we are beginning to acknowledge that, like them, we need God's help.

That, I believe, is why our churches today are more crowded; why religion is more frequently talked about; why faith seems, more and more, to be something men and women and young people frankly try to live by.

One of the undertakings dedicated to such revival of faith is the non-sectarian movement known as Religion In American Life. Through each November this movement calls our attention to our religious institutions and their essential place in the life of every one of us. I am happy to have a part in that undertaking.

I should like to feel that, in every American family, some place is made for an expression of our gratitude to Almighty God, and for a frank acknowledgment of our faith that He can supply that additional strength which, for these trying times, is so sorely needed.

—Dwight D. Eisenhower, President

Do You Know What Time It Is?



WELL,—DO YOU? A quick look at this assortment of fancy time pieces, and you see that you have quite a choice. That's because each one of them is set at a different hour.

It really doesn't matter whether it's 3 o'clock Eastern Standard Time here at Ravenna Arsenal, or 16 minutes to 6 p.m. on the first Tuesday after the Full Moon. Because anytime at all is the right time, the CORRECT time to start buying U. S. Savings Bonds regularly through the Company's systematic, automatic Payroll Savings Plan.

Bonds grow in value with each tick of the clock. Time is really working for you when you have U. S. Savings Bonds stacked away, waiting and ready.

ANYTIME is Payroll Savings Time.

Ravenna Arsenal NEWS

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Department of Public Relations

Editor Robert W. Fuehrer
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Dorothy Reiss, Nellie Kentris, Thelma Higgins, Sawyer Kimes, Lillian Bosko, Gerald Stamm, Millie Misceovich, Kathy Sarrocco, Edythe Cooley, Flo Liskay, Alois Burnette, Mary Kakish, Norma Harvey, Lillian French, Margaret Taylor, Leona Schinke, Bessie Hutcheson, Elaine Tutoki, Elizabeth Jura, Mary Jean Bussan, Mary Kot, Dorothy Shaw, Sylvia Hinzman, Homer Zimmerman, Ramona Sechler, Mary Ann Delay, Richard Lawless, Nettie Richards, Gladys Veenis, Peggy Jones, Katherine Sartick, Marguerita Stanovich, Robert Medallis, Willis Sands, Paul Bowen, Isabel Horn, Loretta Herman, Ruth Cook, Elsie Philipp, Emma Hoppes, Frank Mitchell, Helen Ontko.

Light their life with Faith

Bring them to worship this week



When they're little is the best time to give the children the biggest gift of all... Faith. Bulwark of the soul in troubled times. Source of inner peace every day. With it, your children will be ready to meet the obstacles to relish the happy times fully. And there's no better way to help them find Faith, than by making attendance at church or synagogue a family affair. Go together this week... and every week!

Letters To The Editor

(EDITOR'S NOTE — The following thank you note was received from Mrs. Paul R. Stassin an Arsenal nurse, who with her husband, lost their three-year-old son and all of their possessions in a fire which destroyed their home in Windham October 16. Besides gifts of clothing, Mr. and Mrs. Stassin received over \$1,700 through unofficial solicitations.)

Dear Sir:

I would like to take this opportunity to express my thanks for the extreme thoughtfulness that was shown to me and my family at the time of our loss. We deeply appreciate the hard work that was put forth by Ravenna Arsenal employees and other persons who con-

tributed so generously of their time, effort and financial support toward the rebuilding of our home. Sincerely,
Mrs. Paul R. Stassin

Sports Quiz Answers

1. Reese stands 5-10; Rizzuto, 5-6.
2. Notre Dame, 23 victories; Army, seven with four ties during 1913-47. No game was played in 1918.
3. Citation won \$1,085,760; Stymie, \$918,485.
4. Basketball with 105 million attendance annually. Softball attracts from 125-130 million but only 7,500,000 are "paid attendance."
5. Zale retained his middleweight title on a sixth round KO in New York (1946) and lost it in Chicago (1947) by a KO in the sixth. In Newark a year later, Zale won back his title with a KO in the third.

Absenteeism Drops 2% in October

(Continued from page 1.)

Shop Maintenance, Engineering Equipment, Janitorial, Guard Force, Load Line One, Load Line Two, Load Line Four, Artillery Primer, Ammonium Nitrate, Depot, Strategic Materials and QCIR Stores.

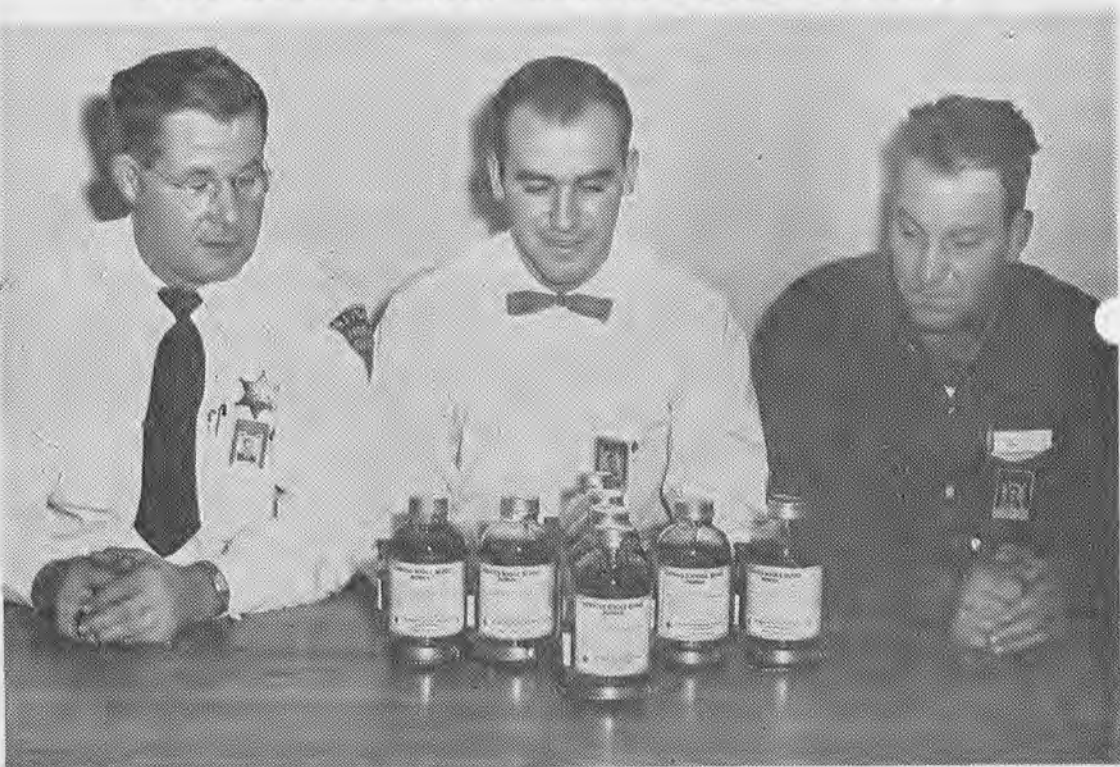
Although absenteeism is dropping, there is still too much absence not considered legitimate. This is being remedied by constant investigation of absences together with supervision pointing out to habitual offenders their loss in wages and effect upon fellow employees.

Shown below are absentee percentages for hourly departments during October:

Department	Percent
Stores Stock Control	0
Stores, Stock Records	0
Water and Sewage	0
Preventative Maintenance	0
Shoe department	0
Fuze Line Two	0
Space Heating	0.3
Railroad Maint. shop	0.8
Engineering Equip.	0.9
Janitorial	1.0
Firefighting	1.0
Powerhouse	1.1
Press shop	1.5
Strategic Materials	1.6
Railroad Operations	1.8
Shop Maintenance	1.8
Railroad Maint.	1.8
Stores, Warehouse	2.1
Ammunition Inspection	2.2
Ammonium Nitrate	2.2
Mat'l. Handling Equip.	2.8
Guard Force	3.0
Load Line Maintenance	3.1
Scrap and Salvage	3.3
Laundry	3.6
Load Line Two	3.7
QCIR Stores	3.7
Transportation	4.0
Roads, Grounds	4.1
Automotive Maintenance	4.6
Depot	5.3
Percussion Element	5.5
Artillery Primer	6.1
Load Line Four	6.2
Load Line One	6.3
Component Stores	9.4

SPRINKLERS won't work if they're obstructed. Don't pile stock up to the ceiling.

New Blood Donor Gallon Club Members



THREE NEW Arsenal Gallon club members, looking at a cross formed by eight pints of whole blood, are left to right: Capt. Sidney C. Casbourne, Guard Force, Apco; Richard D. Viebranz, Employment, Ravenna; and Eugene Crum, Depot U-14, Lake Milton. These Arsenalites gave their eighth pint of blood when the Cleveland Regional Red Cross bloodmobile made its 12th visit on November 4. Martha Crosby, Depot Administration, from Lake Milton, also joined the club by "depositing" her eighth pint of blood in the blood bank.

Unauthorized Wearing Of Uniform Is Prohibited

Unauthorized wearing of a military uniform, with or without insignia, is prohibited by federal law. This also includes wearing parts of a uniform.

Enforcement of this statute at Ravenna Arsenal is necessary and any employee having questions about interpretation of the law is asked to contact military authorities.

However, this provision does not prohibit the proper wearing of a uniform as authorized for such organizations as: National Guard, ROTC, military reserve, military schools, Boy Scouts, etc.

Buildings for Sale

(Continued from page 1.)

town school. (2) A 41 x 44 foot barn with adjacent shed, 42% x 24 feet, located on Route 534, north of Ramsdell road, near House EE 409. (3) A two - floor barn, 40 x 42 feet, located at House EE 422 on McKibben road. (4) Two - story dwelling house with 12 rooms. The house is 25 x 40 feet with a 19 x 20 foot wing and is located on Smalley road, near Paris-Windham road.

Persons to whom the bids are awarded are responsible for removing the property and cleaning away all debris in a satisfactory manner.

Further information can be obtained by contacting the Scrap and Salvage office, Room 146, Headquarters building.

New Arrivals

CONGRATULATIONS to Mr. and Mrs. Paul Brown from Deerfield on the birth of a boy October 14. Mr. Brown is employed in the P. E. and I. division.

A BOY, born October 7 to Mr. and Mrs. Delbert Iddings of Windham. Mr. Iddings works in the P. E. and I. division.

A GIRL, born to Mr. and Mrs. W. J. Fogarty of Bath, O., on November 9. They now have four girls. Mr. Fogarty is Industrial Relations Manager.

CONGRATULATIONS to Mr. and Mrs. Ernest McDonald of Salem on the birth of a girl October 17. Their new daughter was named Brenda Sue. Mr. McDonald is a maintenance man on Line One.

A GIRL, Angelique, born to Mr. and Mrs. Nick Tambures of Warren on November 6. Mr. Tambures works in Financial Accounting and his wife was formerly employed in the Transportation department.

CONGRATULATIONS to Mr. and Mrs. Joseph Hoeffler of Ravenna on the birth of a boy November 2. Their new son was named Bruce Wayne. Mr. Hoeffler works in the Office Manager's department.

A GIRL, Sharon Elaine, born October 21 to Mr. and Mrs. Jerry Chalmers. Mr. Chalmers is a warehouseman in Component Stores Records.

"I'm wearing prescription-ground safety GLASSES!"



KARL KIRK is shown holding a Wesson target rifle with Norton tube sight and false muzzle, one of the prized weapons from his collection. Part of his collection shown in the cabinet is made up of small caliber pistols and edged weapons. At the top are two Roman knives used in the Battle of York in the 14th century. The knives hanging on either side of the guns are island fighting weapons from World War II.

Pilot To Gun Collector Is Hobby Cycle Of Karl Kirk

Flying as a hobby, part-time as a commercial pilot and full time instructor and pilot for the Royal Canadian and United States Air Forces occupied most of Karl Kirk's life from 1934 to 1946. However, his main hobby now is gun collecting.

Karl, who works in Specifications Engineering, became interested in collecting rifles, pistols and edged weapons of all types and dates while a member of the Alliance Rifle club and National Rifle association.

Karl started his first gun collection in 1938. This collection, which he later sold, was composed of colts and hand guns bought here in this country.

He began his second collection in 1940 and purchased his first guns in England. Today he has more than 150 weapons and is still adding to his hobby.

Although Karl has both old and modern weapons, he is fond of the old muzzle-loading rifles.

A NATIVE of Alliance, Karl learned to fly there in 1934. That same year, he moved to Warren and continued flying at Warren Airways as a part - time commercial pilot.

In 1940, he enlisted in the Royal Canadian Air Force as a gunnery and flight instructor and later became a ferry pilot, flying both light bombers and fighters.

Karl transferred to the USAF in 1942 as a flight instructor and in 1943 he went to England with the 35th Fighter Group, 8th Air Force. During his first year overseas, Karl logged in 125 hours of combat flying in F-51's and F-47's. He was never shot down while

Colonel Bradley Speaks To Kent State ROTC

Ordnance activities was the topic of Lt. Col. T. H. Bradley's talk, when he spoke to the ROTC junior class at Kent State university on November 5.

Colonel Bradley was one of several speakers who explained the functions of the various U. S. Army organizations. The program is designed to assist ROTC students in selecting the branch of service in which they wish to be commissioned.

Mail Call...

Letters Are Important Morale Builders To Overseas Servicemen

The Defense Department has stated that writing of letters to members of our Armed Forces overseas by relatives and friends is an important step in building morale and keeping it high.

The signing of the Korean truce makes letter writing to service men in Korea and in all parts of the world even more important than before. While there was fighting in Korea, the tension of combat tended to keep morale up.

Now that the tension is removed, the morale factor becomes more important among troops stationed there performing occupation and housekeeping duties.

While America is providing its servicemen overseas with the finest weapons and equipment in the world, the spirit of each man is based on his morale, and his morale is based in a large part on the letters he gets from home.

None of us wants any of our men overseas to have the impression that he is being forgotten. This applies not only to the men in Korea but also to those in other areas overseas, and particularly to those

Greatest Human Force--An Idea

Idea power is the greatest human force in the world. Ideas are responsible for everything we have and everything we may hope to have in the future.

Every unit of American industry started with a man and an idea. This is the formula which built our great industrial economy, and it has had individual initiative as its foundation.

Ravenna Arsenal's suggestion system is designed to promote and recognize individual initiative among its employees. The plan has a dual purpose.

First, it provides an organized means for employees to submit their ideas for improvement of methods, operations, efficiency, safety and working conditions.

Second, it offers recognition and cash award to the employee whose idea is used by the Company.

This year, 134 Arsenal employees have been awarded \$2,400 for adopted suggestions. Why not join this team?

Think about ways to make your job easier or safer and send in your suggestions today. Help your suggestion system to help you.



PART of Karl Kirk's collection of brass-trimmed rifles are shown above.

(1) 19-pound Bench target rifle—Caliber 47. (2) Kentucky squirrel rifle (silver trim)—Caliber 28. (3) Gain twist Kentucky rifle—Caliber 31. (4) Kentucky rifle—Caliber 37. (5) BB percussion cap target rifle. (6) Plains rifle—Caliber 40. (7) Kentucky rifle—Caliber 32.

(8) Kentucky squirrel rifle—Caliber 30. (9) Pittsburgh squirrel rifle—Caliber 33. (10) Smooth bore rifle—Caliber 44. (11) Percussion cap Wesson target rifle—Caliber 42. The above 11 muzzle-loading type rifles range in dates from 100 to 1820.

(12) 1800 model Tower London flint-lock pistol. (13) 1789 model Tower London percussion cap pistol. (14) Pair of flint-lock pocket pistols made about 1950.

in isolated installations where "MAIL CALL" is one of very few diversions.

HERE ARE some "do's and don'ts" suggested by the Defense Department and Chaplains office.

(1) Write often — if you haven't time to write a letter, send a postcard. (2) Fill them with personal news — news that is good news whenever possible. (3) Write about what is going on in the home town or the neighborhood, church, club, news about his former place of employment, about his old job, about his union. (5) Write and inclose clippings about things that interest him, such as sports activities. (6) Use his correct address, using the proper APO or FPO.

(8) Don't write to anyone you don't know. (7) Don't ask questions regarding the serviceman's unit, strength, location, mission, etc., which he should not or cannot answer. (8) Don't ask for names of "buddies" to whom friends, neighbors or others may write. (9) Don't tell your troubles — he undoubtedly has plenty of his own.

Free Training For Civil Defense Corps Personnel

Free training is available for both men and women through the Civil Defense Corps in such fields as Police, Fire, Welfare, Engineering, Information, Air Raid Wardens and Nurses Aide work.

Civil Defense trainees benefit personally from this program and our country's home front is protected in case of war. Civil Defense units also give their assistance during community or national disasters.

Trumbull County Civil Defense Corps urgently needs auxiliary Police, Firemen and Nurses Aides.

Police instruction will be taught by county law enforcement agencies. In addition to male police cadets, one hundred women are needed for police work in cases involving women and juveniles.

Members of the Warren Fire department will teach Fire and Rescue classes at both the Central and Northside stations. This instruction covers all fire fighting methods and use of fire equipment.

At the present time there is a great demand for Nurses Aides. After training by the Warren Red Cross, each woman will complete 150 hours of actual duty at Trumbull Memorial hospital. This duty may be done at the individual's convenience.

Interested employees can receive further information by contacting the County Civil Defense headquarters, U. S. Naval Training Center in Warren or by calling Fred Raucher, Warren 94773.

'I' Had an Accident

"Injured"—said the driver.
"Inattention"—said the cop.
"Inflammation"—said the nurse.
"Incurable"—said the doctor.
"Incredible"—said the mourners.
"Inquest"—said the undertaker.
"Income"—said the heirs.
"Interstate"—said the lawyers.
"Incourt"—said the judge.
"Insolvent"—said the bailiff.
"Impeach"—said the tombstone.
"Indoubt"—said St. Peter.

—The Powder Horn

Mrs. L. B. Humphrey Attends Girl Scout National Convention

Girl Scout enrollment in the United States is expected to reach three million by January 1, representatives at the Girl Scout National Council convention were told. Over 10,000 leaders, council and committee members from all over the country attended the 32nd annual convention in Cincinnati, October 18 to 20.

Representing the Arsenal's three troops was Mrs. L. B. Humphrey, Apco, leader of Mariner Troop 3.

Girl Scout Troop 1 and Brownie Troop 2 are now holding their meetings at the Charlestown school due to lack of transportation to the Arsenal. Troops 1 and 2 will continue meeting on Tuesday at 3:30 p. m. and have plans to enroll more girls from the Charlestown-Wayland area.

However, Mariner Troop 3 will still meet at the Arsenal home of Mrs. Humphrey. Also, due to Mrs. G. R. Sanders being ill, Mrs. Humphrey will handle the leadership of Troop 1.

Additional Girl Scout leaders are needed from the Wayland, Paris and Charlestown areas and interested women should phone Mrs. Humphrey at Wayland 7, Extension 8183.



HARVEY S. FIRESTONE inaugurated the "Voice of Firestone" radio program on December 3, 1928. The first commercial musical program on radio, the "Voice of Firestone" has been broadcast over NBC continuously since that day. Observing its 25th Anniversary this month, the program now also is televised, having been the first commercial musical program to be simulcast. Standing at the microphone during the first broadcast were, left to right, Franklin Baur, tenor who was the first guest artist; Harvey S. Firestone, Jr., and Harvey S. Firestone.

Radio, TV History . . .

Voice of Firestone Celebrates 25th Anniversary November 30

The "Voice of Firestone" will observe its 25th anniversary on November 30. The oldest coast-to-coast radio program show will celebrate its silver anniversary by presenting six outstanding artists. Appearing will be Eleanor Steber, Rise Stevens, Robert Rounseville, Jerome Hines, Brian Sullivan and Thomas L. Thomas.

The radio program will be the usual one - half hour in length beginning at 8:30 p.m. E.S.T., but the television program will be a full hour.

The Firestone Company has many pioneering achievements in radio and television to its credit. The first of these occurred on December 3, 1928, when the Voice of Firestone radio program was broadcast for the first time.

The decision to use radio as an advertising medium came as a result of highly competitive conditions which prevailed in the rubber industry at that time. Because of this competitive situation, Harvey S. Firestone found that the major portion of his advertising appropriation would have to be spent to feature low prices in magazines, newspapers and other media. He was alarmed that the public might get the impression that he had lowered the quality of his tires to meet the low prices, and he decided to continue to tell the public about the high quality of his products. For this purpose he chose the lusty infant, radio.

FOR 25 YEARS, the Voice of Firestone has been broadcast at the

Symphony orchestra. On the next day, Monday, March 22, when Firestone moved into the studio to put on its radio program, the lighting equipment used in the previous day's telecast was still up.

On the spur of the moment, Firestone decided to telecast as well as broadcast its show that evening. In a flurry of excitement all the arrangements were made and Firestone became the first company to telecast a commercially sponsored musical program and the first company to sponsor a commercial simulcast on AM, FM, TV and short wave.

Following this first experiment in simulcasting, Firestone felt that it might be better to have separate radio and television programs and, on April 12, 1948, Firestone began sponsorship of a quiz program called "Americana" which featured high school boys and girls with Ben Grauer as quiz master.

HOWEVER, the idea of simulcasting had not died in the minds of the Firestone people. Their reservations about the experimental broadcast in March, 1948, were based chiefly on the fact that straight pictures of the orchestra and artist would become monotonous after a few programs. Therefore, much thought was given during the coming year to ways and means of making the program as interesting to the eye as it was to the ear.

During the summer of 1949, many of these problems were solved and, on September 5, 1949, simulcasting the Voice of Firestone was resumed on a regular basis and it has been continued ever since that date.

NBC soon perfected rear screen projection of both slides and movies and this resulted in marked economies in the use of stage sets and back-drops. The Voice of Firestone was the first television program to use rear projection.

Simulcasting has made it necessary to abandon the radio Voice of Firestone policy of using only one or two regular artists during the year. In radio, people seldom complained about hearing the same artists week after week; but in television, the public complains bitterly about seeing the same faces too frequently.

Consequently, when Firestone's talent contracts expired in May, 1950, it began a new policy, scheduling more artists and using no one artist more than five times a year. This has resulted in a sustained interest in the program on the part of the television audience and has actually created interest on the part of the radio audience.



No Ordinary Extension Cords on Heaters, Irons!

... or the next home that burns may be your own!

Meet Your Reporters

Covering the Comptrollers division for the Arsenal NEWS are Milton Stine and Carol Kenney. Milt, as pointed out by his soft, southern drawl, lived most of his life in Lake Charles, La. He came to Ohio and the Arsenal in May of this year. Milt completed most of his grade and high school in Lake Charles, then went to Allen Military academy (a branch of Texas A and M college) in Bryan, Tex. A Navy Air Cadet veteran of three years, he attended college at McNeese State in Lake Charles. Milt enjoys playing bridge and participating in all sports, including golf. He took an active part in the Arsenal's 1953 golf season.



STINE

Three. Carol enjoys reading and also does oil painting in her spare time.

Richard Lawless, NEWS reporter for Scrap and Salvage is a lifelong resident of Garrettsville. He graduated from high school there and is an Air Force veteran with three years of service. Richard, who is a working supervisor in the Scrap and Salvage yards, at the Arsenals, began working at the Arsenal in February this year. He is a member of the American Legion and likes to roller skate. This is his first experience as a news reporter.



LAWLESS

Arsenal Officials View Army's New Self-Propelled Gun

Arsenal officials who attended the showing of the Army's new M-42 self-propelled gun carriage at the Cadillac tank plant in Cleveland on November 11 were: J. E. Trainer, President of Ravenna Arsenal, Inc. and Firestone Vice-President; Paul Borda, General Manager; Lt. Col. T. H. Bradley, Commanding Officer; and Maj. W. L. Watts, Executive Officer.

The day's activities, sponsored by the Cleveland post of the American Ordnance association, was climaxed by a dinner at which Gen. Matthew B. Ridgway received the Gen. Benedict Crowell Gold Medal for 1952 for his contributions to national security.

Money talks. But in these days the dollar doesn't have enough cents to say anything worthwhile.

Cost Control Means Lower Taxes, More Take Home Pay

The cost of operating Ravenna Arsenal is everyone's business, because each employee, as a taxpayer, pays his share of this operation, plus the cost of operating all other government agencies and branches.

We are all prone to complain about high taxes, but very few of us ever do anything about it. Actually, everyone can do plenty by helping to control costs. If all persons working for government agencies or in government-owned plants would make an honest effort to help control costs, the Secretary of the Treasury would have no trouble in balancing the budget. Thus everyone would have less taxes to pay and more take home pay.

EMPLOYEES interested in more take home pay will be interested in Cost Control. Helping to control costs is really elementary, since you only concern yourself with the factors of expense which make up the cost of operating this Arsenal. Only two major items contribute to the cost—labor and materials, and the objective is to keep the cost of these two items as low as possible.

If you hired a builder to construct a house, it would be contrary to your better judgement to pay him for loafing or slowing down on the job, because this would increase the cost of the

house and leave less money for other purposes. Anyone who loafs on the job at this Arsenal increases the cost of operation which causes taxes to remain high or to be increased, resulting in less take home pay.

If you spent \$4 for a wood box to hold your youngster's toys and if he broke one of the boards in the box, would you throw it in the trash or burn it and then buy another box?

You would probably find a board and repair the box. If you did not have a suitable piece of lumber, you would proceed to purchase a board for 20 cents and repair the toy box with a net saving of \$3.80.

Anyone who throws away or burns an Arsenal ammunition box, which can be repaired, is taking money from your pocket. The wasteful employee contributes to the increased cost of operations and causes you to pay more taxes to replace the box which was thrown away or burned.

These are simple examples of what every employee can do to help control costs, everyday!

Carol Kenney, payroll clerk, was born in Cleveland and moved to her present home in Mantua eight years ago. She graduated from Mantua high school in 1951 and worked in Cleveland for a short time before coming to the Arsenal in February 1952. Carol was a reporter for her high school paper and took part in organizing their special edition for seniors. She was also a member of the Arsenal NEWS reportorial staff for a short time while employed as a timekeeper on Load Line



KENNEY

A cynic is a man who looks both ways before crossing a one-way street.

By 1960 it is estimated that there will be 10 million more pupils and students in our nation's schools and colleges, both public and private, than there were last spring.

9 out of 10 home fires are preventable! So . . . Don't give fire a place to start!

News In Brief

Load Line One

Get well wishes are sent to Gil Hostetler who is confined to Robinson Memorial hospital following an auto accident. . . . Alice Morgan recently journeyed to Pottsville, Pa., to visit her parents. . . . It was a happy day for Mary Hanzes when her son, Raymond, was recently discharged from the Army after three years' service. . . . Peggy Jones and family spent an enjoyable weekend in Washington, D. C. where they visited her brother. . . . Best wishes for a speedy recovery are sent to Dorothy Khlem's son who has been ill. . . . Sebra Moorehead was paid a surprise visit from her son, Jack, stationed at Camp Lejeune, N. C. with the Marine Corps. . . . Proud grandmother Ruth Green journeyed to Cincinnati recently to see her first grandchild. . . . Josephine Fountz's son, Bill, is recuperating nicely following a recent operation. . . . Margaret Rider wishes to thank everyone for the kindness they showed during her husband's long siege of illness. . . . George F. . . . and Don Podis spent their vacations in Tennessee and Alabama. . . . Our sympathy is extended to Dorothy Fife on the recent death of her sister. . . . 1st Lt. Francis Gore, who recently returned from Korea, is visiting his mother, Beulah Gore.

Load Line Two

Millie Odvar, Department 78, is welcomed back to work. . . . We're happy to hear Annie Brown has been released from the hospital and convalescing at home. . . . Our sympathy is extended to Mel Abide, Department 76, and to John Drue, Department 70, on the recent deaths of their fathers. . . . We welcome Mabel McClure, Mary Traylor, and Inell Bremmer, transfers from Line One.

Load Line Four

Belated congratulations are sent to Mr. and Mrs. Junior McDaniel who celebrated their 15th wedding anniversary October 15.

Stores Stock Control

Shirlee DeLong and Edith Kouba enjoyed viewing the Ohio State-Purdue football game in Columbus November 14. . . . We're happy to have Virginia Wancik back to work after her recent illness.

Production Offices

Burnard Kurlich, Production Planning, and family spent two weeks vacationing with relatives in Gallipolis, O. While there they attended a showing of 400 hound dogs from 13 states. . . . We're happy to see Mary Ann Siglow back to work after her recent leave of absence.

Ammonium Nitrate Line

We're glad to have NEWS reporter Leona Schinke back on the job again after a two months' illness. . . . Alva Davis is enjoying a week's vacation redecorating his home. . . . Charles Thorne is also on vacation. . . . Nitrate Line welcomes the new transfers from Lines One and Four.

Powerhouse

Best wishes for a speedy recovery are sent to Cecil Wagner. . . . A. J. Miller recently spent his vacation visiting relatives in Missouri and Illinois and enjoying sights and places of interest in those states. Roy Widger and Warren Lewis were also among those who enjoyed Fall vacations.

Water and Sewage

We're happy to have Roger Hart back to work after his recent illness.

Ordnance Staff

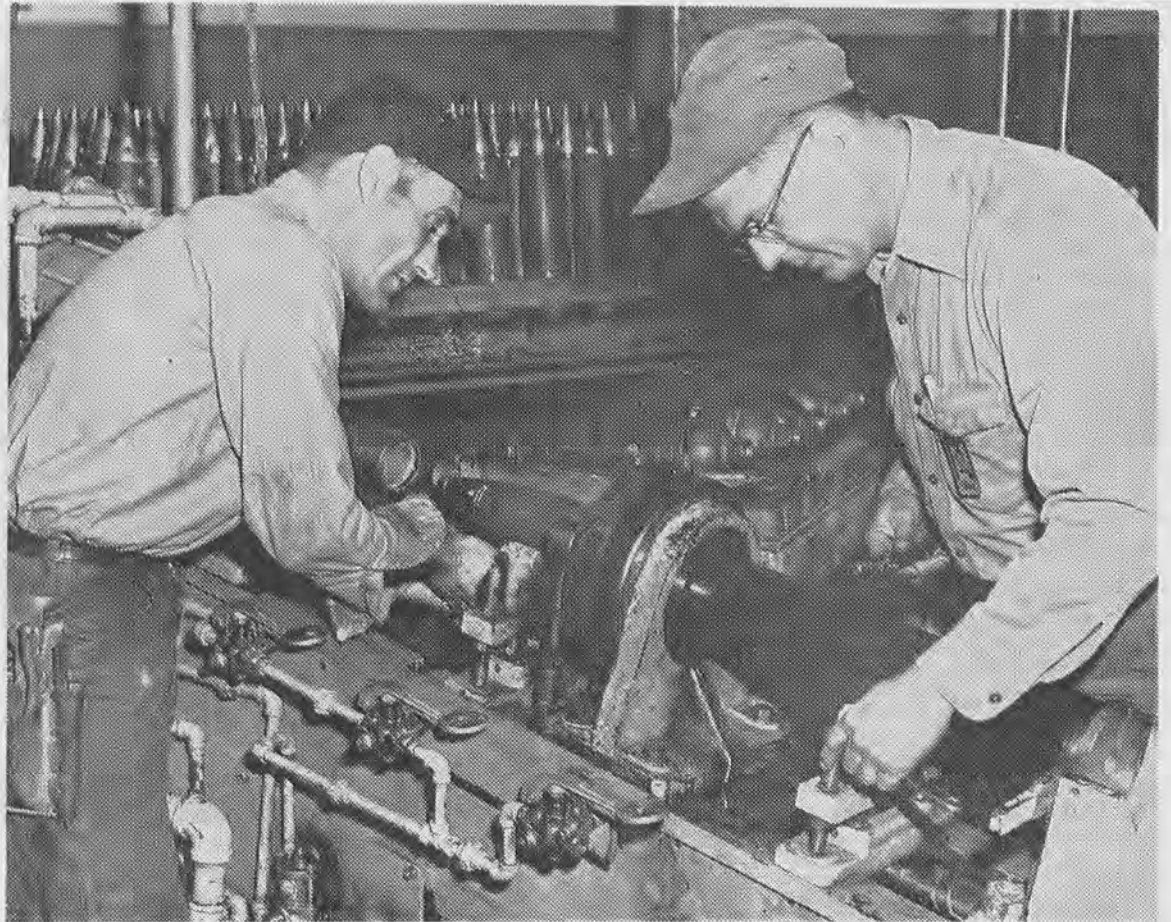
Our sympathy is extended to Carl W. Thomas on the recent death of his father, Carl H. Thomas, of Georgetown, O. . . . Ralph Lewis vacationed at home for a week, remodeling part of his home. . . . We're sorry to report Mary DeCavitch is on the sick list. . . . On November 3, Edith Cook completed her 12th year at the Arsenal, congratulations! Charles McKinley has returned to work following an extended illness. Hartford Thune is presently attending a four-week Traffic Safety course at Northwestern university. . . . Dottie McCabe recently spent a weekend visiting former personnel employee Frances Gigliotti in Latrobe, Pa. . . . A special note of thanks goes to Edwin Thompson who made his 20th blood donation at the November 4 visit of the bloodmobile. Ed's donations include 15 pints to the Red Cross, of which five have been made at the Arsenal, and five donations made through direct transfusions given at hospitals.

Industry

Jesse McGee motored to Battle Creek, Mich., last weekend to take his son, Arden, to Fort Custer Veterans hospital. . . . Germaine Gilbert and husband recently spent an enjoyable evening in Cleveland having dinner and attending the Ice Capades. . . . Iva Hunk is expecting a Thanksgiving visit from her son and new daughter-in-law, Mr. and Mrs. Forrest Hunk, from Great Falls, Mont. Mr. Hunk is a civilian employee at the Great Falls Air base, where his wife, a sergeant, is stationed. . . . Margaret Martin held a birthday party for her four-year-old daughter on Halloween at her Lake Milton home. . . . Elizabeth Jura is very proud of her son, Joseph, who was recently elected president of the Hi-Y club at Southeast high school. . . . Ellwood Zink, who had planned a late vacation in order to do some hunting in his home state of West Virginia, found upon arriving, that hunting had been banned due to about 43 forest fires raging throughout the state.

Comptrollers

Eleanor Culp and husband, who just completed a two-year tour of duty with the Army, recently visited Chicago and Washington, D. C. Marge Hrobak and her husband spent an enjoyable vacation in California, visiting friends and viewing the beautiful scenery. . . . Belated congratulations to Mr. and Mrs. William Lopez who were married August 18 in Angola, Ind. Mrs. Lopez is the former Irene Quottro. Jessie Cayton and husband have returned from a week's vacation in West Virginia.



ADJUSTING the mechanism on a 90mm crimping machine in Building 13 Line One are Line Maintenance employees Edward England, Rt. 2, Ravenna (left), and Ray Moore of Newton Falls. This is typical of the many jobs performed by this one department in the Engineering division.

Former Arsenal Officers Write From Far East

Ravenna Arsenal ammunition is well represented in Ordnance depots in the Far East, so stated former Arsenal officers in letters to Paul Borda, General Manager.

Col. C. K. Allen, former commanding officer, wrote that he is now with HQ's 229th OBD in Japan and that his work takes him to various depots throughout the Japanese islands. He stated that Japan is a fascinating country and every bit as quaint and picturesque as described in travel books.

Maj. C. E. Branson, former executive officer, is now an Ordnance advisor to the ROK 22nd Infantry division at Inge, Korea. He wrote that the problems encountered while working with this young ROK Army unit has enriched his experience and that his job is almost in the diplomatic field.

MAJOR BRANSON said he has traveled about 5,000 miles by Jeep since arriving in Korea. He reports that U. S. Army Engineers have graded hundreds of miles of gravel, sand and clay-type roads but the native roads are still foot paths or ox-cart trails.

He also observed that practically all native living quarters are mud huts with rice straw thatched roofs and that the Korean people have never attempted to explore or exploit the abundance of mineral and other natural wealth.

Both officers asked to be remembered to their many friends at Ravenna Arsenal. Their addresses are: Col. C. K. Allen, HQ's 229th OBD, APO 503, c-o Postmaster San Francisco, Calif.; Maj. C. E. Branson 030805, KMAG, ROK 22nd Inf. Div., APO 909, c-o Postmaster San Francisco, Calif.

Sing A Song While You Motor Along

At 45 miles per hour, sing "HIGHWAYS ARE HAPPY WAYS."

At 55 miles per hour, sing "I AM A STRANGER HERE, HEAVEN IS MY HOME."

At 65 miles per hour, sing "NEARER MY GOD TO THEE."

At 75 miles per hour, sing "WHEN THE ROLL IS CALLED UP YONDER I'LL BE THERE."

At 85 miles per hour, sing "LORD, I'M COMING HOME."

Engineers Spend \$1,700,000 A Year for Maintenance Job

Spending \$1,700,000 a year would be a joy to most persons, however, it presents quite a challenge to John C. Duer, Engineering Manager. It is his responsibility to direct a force of over 600 employees in many and varied activities to insure that Manufacturing and all allied departments at Ravenna Arsenal are housed, equipped and kept in operation.

Primary function of the Engineering division is to provide facilities necessary to produce ammunition scheduled by the Ordnance Ammunition Center. This job requires close liaison between Industrial Engineering, Plant Engineering and Administrative Engineering branches.

Industrial Engineer Edward F. Stukbauer, through the Industrial and Staff Engineers and the Draftsmen, is responsible for research and development necessary to produce plans, line and equipment layouts, initiation of procurement requisitions, and necessary work schedules.

PLANT ENGINEER George Yocum directs all construction, installation, maintenance and repair of necessary plant and production facilities and for provision and operation of required utilities through the George Road shops, Utilities, Installation and Maintenance, and Roads and Grounds departments.

Administrative Engineer Robert Pavlick is responsible for supervising reproduction of drawings, maintenance of equipment and property records, preparation and distribution of mechanical order requests, schedules, purchase order requisitions, and accumulation and analysis of costs and progress reports.

Typical of the primary function of the division was the rehabilitation and tooling for anti-tank mine production on Line Four. The most modern materials handling equipment has been installed on this line. All departments of the Engineering division formed a team working together to bring into being this modern load line.

Industrial engineers drew up plans and specifications. Project engineers requisitioned equipment and followed-up on installation. The Administrative staff processed necessary requisitions, schedules and kept check on labor and material expenditures. The plant engineer directed all units in necessary construction and installation.

AT THIS POINT, the Line Maintenance departments numbering over 100 people under Superinten-

dent Paul Braucher, comes into being. Hundreds of production machines are inspected, serviced and repaired at regular intervals. Thousands of feet of power and gravity conveyors are kept in good operating condition.

Hundreds of mono-rail carriers operating over seven miles of mono-rail track and many switches are maintained. Hi-lifts, tractors, batteries, hand trucks, buggies, carts and hoppers all require maintenance in order to keep the shells moving.

Air compressors must run continuously, air operated tools require servicing and over 300 scales must be correctly calibrated at all times. Miles of steam, water, air, vacuum and electrical lines; and switches and controls must be constantly serviced and roads and railroads must be maintained.

All this costs \$1,700,000 per year and represents some of the functions of the Ravenna Arsenal's Engineering division.

General Cummings

(Continued from page 1.) and later received engineering degrees from Cornell university and Massachusetts institute of technology. He was an officer in the U. S. Corps of Engineers for 12 years before transferring to Ordnance.

From 1936 to 1950 he held several responsible positions in the Ordnance Corps, including service in the Office of the Chief of Ordnance, the Tank-Automotive Center and the European Theater of Operations. He is a graduate of the Command and General Staff school, and the National War college. His decorations include the Legion of Merit, Bronze Star Medal, Army Commendation Ribbon and Order of the British Empire.

American communities last year built approximately 50,000 new classrooms. The year before they built about 47,000. These were new records. This year we may expect another construction record of about 50,000 additional classrooms.

Line 4 Jumps to 2nd Place

John Vargo Rolls High 651 Series

Line Four took three games from the Motor Pool and advanced from fourth to second place in the Monday Night Men's Bowling league. George Mohn led the Line Four kегlers with a 588 series on games of 182, 229 and 177.

Salvage dropped to third place, but took three games from Ordnance Inspection with Mel Jagnow tallying 584 on games of 203, 189 and 192.

John Vargo led the Line Two bowlers as they beat the Guards 3-1. John also racked up a high 651 series for the Monday Night league. His games were 219, 237 and 195.

In the Tuesday Night loop, Group Six took three games from the Industrialists and slashed their stranglehold on first place.

Pleasant Valley AC moved up from seventh to fifth place while the Arsenalites rolled over Depot U-7 by a 3-1 tally and moved up a notch.

Bob Russell of the Industrialists had a high Tuesday Night series of 541 on games of 177, 183 and 181.

The Old Timers are still holding down the number one spot in the Wednesday loop, with the Beginners and Materials Inspection kегlers trailing close behind in second and third place.

The Truck Drivers broke out of their three-way deadlock and are now in fifth place. Standings for the three leagues are:

MONDAY NIGHT			
Team	W.	L.	
Jolly Rogers	29	7	
Load Line Four	20½	15½	
Salvage	20	23	
Load Line One	19	17	
Load Line Two	18	18	
Ordnance Inspection	14½	21½	
Guards	14	22	
Motor Pool	9	27	
TUESDAY NIGHT			
Industrialists	26	10	



PAUL P. SHEEKS, Firestone Recreation Director, holds one of the athletic jackets (first place award), as he discusses the Arsenal's recreation program with Lt. Col. T. H. Bradley, Commanding Officer, and Paul Borda, General Manager, at the annual Softball-Golf Recognition banquet on October 29. Mr. Borda is holding one of the second place prizes—a gold-plated ash tray.

Depot U-7	21	15
Group Six	20½	15
Arsenalites	20	16
Pleasant Valley AC	16	20
Financial Accounting	14	22
Cost Accounting	13½	22½
Specifications	13	23
WEDNESDAY NIGHT		
Old Timers	26	10
Beginners	24	12
Materials Inspection	20	16
Load Line One	19	17
Truck Drivers	16	20
Automotive	15	21
Electricians	13	23
Inventory	11	25

Average Bowlers, Bombers on Top In Women's Loops

First place tie in the Women's Thursday Night league has been broken and the Average Bowlers are now leading with a 29-7 tally. The Elements are close behind with 25 wins and 11 losses; while the Band-Aides hold down the number three spot by a 22-14 score.

In the Friday Night loop, the RAI Bombers snapped the first place deadlock and are now on top with a 10-5 mark. Load Line One and the Ordnance kегlers are tied for second place.

THURSDAY NIGHT		
Team	W.	L.
Average Bowlers	29	7
Elements	25	11
Band-Aides	22	14
Circlettes	16	20
Pleasant Valley GAC	13½	22½
Recordettes	13½	22½
Independents	12½	23½
Postettes	11½	24½

FRIDAY NIGHT		
RAI Bombers	10	5
Load Line One	8	7
Ordnance	8	7
Stationery Stores	4	11

Sports Quiz

(By Armed Forces Press Service)

1. Who is taller, Pee Wee Reese of the Brooklyn Dodgers or Phil Rizzuto of the New York Yankees?
2. Which team has won more games in the Notre Dame-Army football series?
3. Was Citation or Stymie the top money winner?
4. Which sport in the United States has the largest paying spectator attendance?
5. What were the results of the three Tony Zale-Rocky Graziano fights?

(Answers on page 2.)

MY REGRETS

And now among the fading embers, These in the main are my regrets: When I am right no one remembers, And when I'm wrong, no one forgets!

Softball, Golf League Teams Honored at Sports Banquet

Paul P. Sheeks, Firestone Recreation Director, Is Guest Speaker

Over 100 persons attended the second annual Softball-Golf Recognition banquet on October 29 at the Main Cafeteria. Guest speaker for the evening was Paul P. Sheeks, Recreation Director for The Firestone Tire & Rubber Company.

Athletic jackets were presented to the champions of the two softball leagues, the Comptroller's nine and the George Road squad. Second place softball teams — Gear Grinders and Arsenalites — received gold-plated ash trays.

First and second place golf twosomes also received jackets and ash trays. All other softball and golf league participants were invited to the dinner.

Mr. Sheeks stated the Company believes in a good recreation program since it relieves "worker's jitters," and everyone has time for recreation if their time is planned.

"LEISURE is our new heritage," the Firestone recreation director pointed out, "and it is going to increase as more men retire. Reduced working hours have also given us more leisure time," he added.

Mr. Sheeks went on to say, "The tool of leisure is recreation which keeps you in fine spirit and physical being and working at a good pace.

"Running is the best exercise," he explained, "but most of us are too old, so I recommend walking, such as in golf. While playing 18 holes of golf you get about five miles of exercise in the fresh air and sunshine.

"Live a clean, wholesome life—exercise, eat wholesome food and get enough sleep, but whatever you do, practice moderation—always find a happy medium.

"What I enjoy most about sports is that it is the most democratic of all group activities. Wealth, social standing or physical appearance means very little in competitive sports.

"Many times I have been asked at what age a youngster should enter the field of sports. You can't start them too young, because only through athletic participation can they learn sportsmanship and cleanliness.

"ENCOURAGE your youngsters to engage in sports, any sports,

Weddings

WILLIAMS - BRIDGES

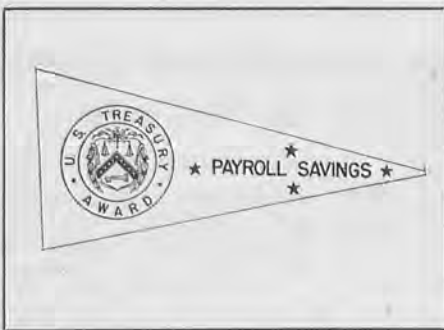
Miss Dorothy Bridges, daughter of Mr. and Mrs. Richard Williams of Bronx, N. Y., became the bride of George Williams at a ceremony performed November 8 in the bride's New York home.

Following the ceremony a dinner reception was held and the couple left for a honeymoon trip to Delaware. The newlyweds will make their home in Warren. Mr. Williams, son of Mr. and Mrs. Sam Williams of Warren, is employed in Department 66 Line One.

EDUCATION
MOLD'S OUR
FUTURE



BETTER SCHOOLS BUILD
A STRONGER AMERICA



RAVENNA ARSENAL NEWS

"Education makes a people easy to lead but difficult to drive; easy to govern but impossible to enslave."

--Lord Brougham

Vol. 2, No. 20

RAVENNA ARSENAL, INC., APCO, OHIO

November 16, 1953

X-ray Building To Be Constructed On Load Line Three

S. Army Corps of Engineers, Huntington District, has announced it will take bids in December for construction of a 4,450-square-foot building addition on Line Three.

This new construction is actually the completion of a building started during World War II and will house X-ray equipment similar to other installed equipment on Line Two.

Load Line Three is now being rehabilitated and re-tooled for loading high explosive 155mm shells. When the line goes into production, the X-ray equipment will be used for inspecting newly loaded shells for defects.

Also in the engineering stage is the replacement of the railroad barricade in the Line Three shipping building.

Construction of the new facilities will be directed by the Corps of Engineers who have not announced any proposed construction or completion dates.

4 Arsenal Buildings Released For Sale To Highest Bidder

Sealed bids will be taken until November 25 for the following Arsenal buildings released for sale to the highest bidder by Ravenna Arsenal, Inc.:

(1) A two-floor barn, 54 x 36 feet, and a grainery, 12 x 16 feet, located on Route 80 near Charles-

(Continued on Page 5.)



THE THANKSGIVING DAY turkey dinner with pumpkin pie and "all the trimmings" is no idle dream for most Americans living in this bountiful land of ours. But, in less fortunate lands, it's a different story. The people enslaved by Communist tyranny dream and pray for even meager scraps of food to eat, and are thankful they are still alive. We, who live in the "free world," have so very much to be grateful for as compared to the oppressed peoples of the Communist world.

On this Thanksgiving Day, when you sit down to a plentiful meal, offer up your prayers for all your many blessings and freedom and ask God to give strength to all the oppressed men, women and children in other lands.

Absenteeism Drops Two Percent in October; Six Departments Have Perfect Attendance

Absenteeism among hourly employees dropped more than two percent in October as compared to previous months, creating the lowest percentage of absenteeism so far in 1953.

Included in the departments lauded for having no absenteeism in October are the Shoe department and Water and Sewage. Only one absence in March mars the Shoe department's record of perfect attendance for this year. Water and Sewage follows close behind with perfect attendance except for January and August when they had 0.2 percent absenteeism.

Other departments having zero percentage for October are Fuze Line Two with perfect attendance for the past five months, Stores Stock Control which has had perfect attendance for three consecutive months, Stores and Stock Records and Preventative Maintenance.

Railroad Maintenance and Space Heating showed less than one percent absenteeism for October.

The following departments reduced their absenteeism in October over the previous month: Stores Stock Records, Railroad Operations, Transportation, Automotive Maintenance, Railroad Maintenance, Powerhouse, Space Heating, Load Line Maintenance, (Continued on page 2.)

Employees Donate 159 Pints of Blood



ARSENAL EMPLOYEES donated another 159 pints of blood when the Red Cross bloodmobile made its 12th visit on November 4. This brings the total to 1,782 pints "deposited" in the Cleveland Regional blood bank. Altogether, 183 prospective donors offered blood but 24 were rejected because of colds and other ailments. A group of employees enjoying refreshments in the canteen after giving a pint of blood are left to right: Berna Marsh, Roads and Grounds, a two-time donor from Ravenna; John Holly, Line Two, a five-time donor from Alliance; Ralph Lucas, Roads and Grounds, a one-time donor from Apco; Katherine Sartick, Line Two, one-time donor from Salem; and Mary Chetian, Line Two, a nine-time donor from McDonald. Mrs. Chetian gave seven of her pints of blood in Mahoning county.

Maj. Gen. E. L. Cummings Named New Ordnance Chief

Maj. Gen. Emerson L. Cummings, a youthful 51-year-old West Pointer from Bay City, Mich., became the Army's new Chief of Ordnance on November 2. He succeeded Maj. Gen. E. L. Ford, who retired October 31.

As such, he will take on the job of disbursing several billion dollars a year of taxpayers' money to supply all the weapons, ammunition, tanks and vehicles used by the U. S. Army and some of that used by the other services. The Ordnance Corps now spends about 45 cents of every Army dollar. In fiscal year 1953 Ordnance expenditures amounted to about eight billion dollars.

Ordnance is the largest and one of the oldest of the Army's seven "technical services." Founded in 1812, the Corps is responsible for the research and development, production or procurement and supply and maintenance for practically all Army weapons, vehicles and material. The 525 principal items it furnishes includes "just about everything that shoots, is shot, or rolls." About 100 Ordnance installations stretch from coast to coast and employ 150,000 military and civilian personnel, in addition to the several hundred thousand workers employed by private firms holding Ordnance contracts.

ONE of these installations is Ravenna Arsenal which produces artillery shells, mines and ammunition components. Constructed and improved at a cost of about 66 million dollars this huge shell-loading plant is currently valued at about 165 million dollars and provides employment to over 4,000 workers.

As the new Chief of Ordnance, General Cummings will direct the activities of the Ordnance Ammunition Center at Joliet, Ill.; the Small Arms Ammunition Center at St. Louis; the Tank - Automotive Center at Detroit; Aberdeen and White Sands Proving Grounds; a half-dozen manufacturing arsenals; several research and development centers; 14 Ordnance Districts (procurement offices); 20 Ordnance Depots (storage and issue centers); and several miscellaneous installations.

General Cummings graduated from the Military Academy in 1924 (Continued on page 3.)



GENERAL CUMMINGS

The Deer That Came for Dinner



DINNER TIME at the Arsenal home of W. C. Rogers means an extra "serving" for his daughter's pet deer, Bambi. Beverly is shown feeding Bambi while her pet kitten looks on with no indication that there is anything unusual about the situation. Beverly, who is 16 and a student at Southeast high school, resides with her younger brother, Gary, and her father in the Depot area. Mr. Rogers is a foreman in Department 194.

The fawn was found six months ago near their home when only one day old and abandoned by its mother. Beverly has cared for the deer devotedly since that time, and, although Bambi roams the Arsenal's wooded areas at will, the little deer reports regularly for feeding. The Rogers' pet deer is one of several cared for by Arsenal residents.

Line Two Keglers Roll into 2nd Place with 4-0 Victory

Arsenal Cage Season Opens Next Month

Two Intra-departmental Loops to be Organized

The Arsenal intra-departmental basketball leagues will go into action the first week in January, the Recreation department announced this week.

Four cage teams have already signed up for the league action on Monday and Wednesday evenings at the Charleston school gym. Tentative plans call for 16 teams.

Practice sessions and organizational meetings will be scheduled during the next few weeks.

Teams or individual employees interested in participating in the Arsenal's basketball program are asked to contact the Recreation department on Extensions 8194 or 600 for additional information.

This is the Company's first attempt to organize intra-departmental basketball leagues and all team members should work in the same department.

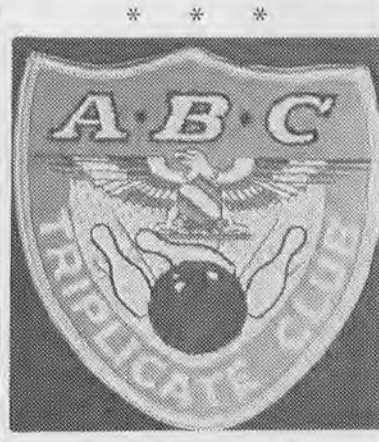
However, players unable to form departmental teams may join other teams within the same division.

Qualified basketball referees are also needed. Interested employees should contact the Recreation department.

Larry Grafton Wins ABC Award



FIRST ARSENAL bowler to win the American Bowling Congress Triplicate Club award is Larry Grafton, a member of the Load Line Four team. Larry (right), receives his award from Don Mullen of the Recreation department. He qualified for the ABC chevron award the first night the Arsenal's league bowling season opened, September 14. The ABC states that the three consecutive game scores in a series must be identical. Larry rolled a series scoring 152 in each game.



Beginners, Old Timers Change Places For Top Spot In Wednesday League

Line Two keglers jumped from fifth to second place in the Monday Night league as they clobbered Salvage 4-0. Bob Medallis led his team-mates with a high 572 series on games of 196, 185 and 191.

The Jolly Rogers are still holding down the number one spot while Load Line Four dropped from second to third place in the Monday loop. However, Line Two and Line Four are separated by a slim margin of one-half of a game.

First place in the Wednesday Night league has changed hands. The Beginners have pulled into the lead with a 31-13 tally while the Old Timers dropped to second place.

Also in Wednesday loop action, Materials Inspection was pulled down to fourth place by the Truck Drivers, who blasted the Inspectors 3-1.

On November 25, Pete Lynds scored the highest series so far for the Wednesday league. He rolled 628 on games of 226, 210 and 192.

In the Tuesday Night Bowling loop, the top five teams are still in the same positions, with the Industrialists on top.

The Industrialists rolled off Pleasant Valley A. C. by a 3-1 tally on November 24. Ralph Dragan also came up with a 572 series on games of 183, 189 and 200. Standings for the leagues is as follows.

MONDAY NIGHT		
Team	W	L
Jolly Rogers	34	10
Load Line Two	26	18
Load Line Four	25 1/2	18 1/2
Salvage	24	20
Load Line One	23	21
Ordnance Inspection	19 1/2	24 1/2
Guards	15	29
Motor Pool	9	35

TUESDAY NIGHT		
Team	W	L
Industrialists	31	13
Depot U-7	28 1/2	17 1/2
Group Six	26 1/2	17 1/2
Arsenalites	23	21
Pleasant Valley AC	18 1/2	25 1/2
Specifications	18	26
Financial Accounting	17	27
Cost Accounting	15 1/2	28 1/2

WEDNESDAY NIGHT		
Team	W	L
Beginners	31	13
Old Timers	27	17
Load Line One	26	18
Materials Inspection	25	19
Truck Drivers	19	25
Automotive	18	26
Electricians	15	29
Inventory	15	29

THURSDAY NIGHT		
Team	W	L
Average Bowlers	33	7
Elements	28	11
Band-Aides	22	18
Circlettes	20	20
Pleasant Valley GAC	16 1/2	23 1/2
Recordettes	14 1/2	25 1/2
Independents	12 1/2	27 1/2
Postettes	11 1/2	27 1/2

FRIDAY NIGHT		
Team	W	L
Ordnance	13	8
RAI Bombers	13	8
Load Line One	12	9
Stationery Stores	4	17

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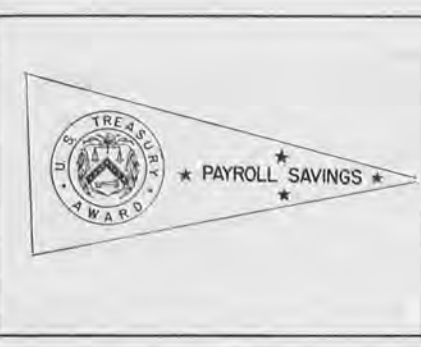
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Vol. 2, No. 21

RAVENNA ARSENAL, INC., APCO, OHIO

December 1, 1953

RAVENNA ARSENAL NEWS

"The foundation of every state is the education of its youth."
--Diogenes

Future Ammunition Production Plans Revealed

Company Suggestion Board Awards \$330 for Top Ideas

Artillery Primer Line Inspector Joseph G. Smith, from Ravenna, received the top award of \$60 when the Arsenal Suggestion board presented awards totaling \$330 to 20 employees.

Mr. Smith, a first-time winner, collected his "idea money" for suggesting pushout rods to salvage primer bodies.

A \$50 award was presented to Joseph DeLeone, Space Heating employee from Kent. Mr. DeLeone suggested a frame to aid in assembly of sectional boilers. Collecting the third-high award of \$35 was refrigeration mechanic Russell L. Coffman from Ravenna. Mr. Coffman's idea concerned a defroster and high temperature warning device for walk-in freezers.



G. R. SANDERS (left), Line Four Superintendent, accepts the line's J. E. Trainer Certificate of Appreciation from Paul Borda, General Manager, on behalf of his employees.

Ethel Leach Elected Prexy of 1-B-6 Group

Over 200 former employees of 1-B-6, Fuze and Booster area, two-thirds of whom are still Arsenalites, attended their annual reunion held November 8 at Cafe 422. Ethel Leach, Department 93 Line Four, was elected president of the group for the coming year.

Rose Duganne, P. E. and I. division, was elected secretary and Eleanor O'Hara, Office Manager's department, will serve as treasurer. A new date, the first Saturday in October, was set for the future yearly meetings.

Three Loading Lines Cited For 'No Lost Time' Records

Three production lines have been cited for establishing new records of man days and man hours without a lost time accident. They are Load Line Four, Artillery Primer and Percussion Element Lines.

For this accomplishment the employees and supervision of these lines have been awarded the J. E. Trainer Certificate of Appreciation for outstanding achievement in accident prevention.

However, the A. P. and P. E.

Federal Tax Rate Changes Will Affect Employees' Withholding Tax in 1954

Two changes in Federal tax rates will affect employees' withholding tax starting in 1954. With these changes most employees will have less tax withheld from their wages or salaries, but there are some who will find that their withholding is increased. The reason is that income taxes will be decreased, but Social Security taxes increased.

Beginning with all wages and salaries paid after January 1, 1954, the Company will withhold less Federal Income tax. Reason for this is that the increased rates which were set up at the outbreak of the Korean War in 1951 remain in effect until the end of 1953.

This means that the employee's deduction for income tax will be reduced about 10 percent because withholding will be at the rate of 18 percent after exemptions instead of at the 20 percent rate which applied during 1953.

Unless Congress decides to postpone the scheduled increase in the Social Security tax rate, Social Security taxes will be higher in 1954, for the employee and for the Company, which matches the employee's tax. The rate will increase from one and one-half percent to two percent on the first \$3,600 paid. This will mean an additional de-

duction of \$18 per year for all who receive \$3,600 or more.

Employees are urged to review their "exemptions" for income taxes at this time. The Company has an exemption certificate on file for each person, but new certificates should be filed if there have been any changes.

The law requires that a new certificate be given the Company when exemptions decrease, but a new certificate also should be filed when exemptions increase. Exemption certificate blanks are available at the Employment office or the Payroll office.

Weddings

VIEBRANZ - CLARK

New Haven, Ind., was the scene of the ceremony which united two Arsenalites, Miss Suzanne Clark and Richard D. Viebranz, in marriage on November 14.

Both newlyweds are employed in the Employment department. Mrs. Viebranz, daughter of Mr. and Mrs. Ray Clark of Windham, is stenographer to R. M. Wilson, Employment and Services Manager, while her husband, who is the son of Mrs. Edna Viebranz of Ravenna, is an interviewer.

BENICH - TUTOKI

Rev. A. J. Rzendarski officiated at the wedding which united two General Stores employees, Miss Elaine Tutoki and John Benich, in marriage November 7. Miss Dorothy Holupko, Stores Stock Control, was a bridesmaid for the ceremony held at St. Mary's church, Newton Falls.

Following a reception held at Packard park in Warren the newlyweds left for a honeymoon trip to Miami Beach. The bride, a reporter for the Arsenal NEWS, is the daughter of Mr. and Mrs. George Tutoki of Warren. Mr. Benich is the son of Mr. and Mrs. Stanley Benich of Newton Falls.

Familiarity Breeds Ideas

In an organization as large and widespread as Ravenna Arsenal, no one can know all there is to know about everything. Employees can help by pointing out ways for improving Company operations.

As an employee becomes more familiar with his job, he has an opportunity to see ways to do it more easily, more economically or more safely. These are the things employees should tell — the things they see are suggestions, if they write them down!

Employee Sketches . . .

First female employee hired by Ravenna Arsenal, Inc. (February 21, 1951) was Tress O'Leary, secretary to Paul Borda, General Manager. Miss O'Leary has watched the RAI organization grow from the very beginning and has observed the many changes made. She also served as the first RAI News Editor for the Company's section in the Ordnance publication.



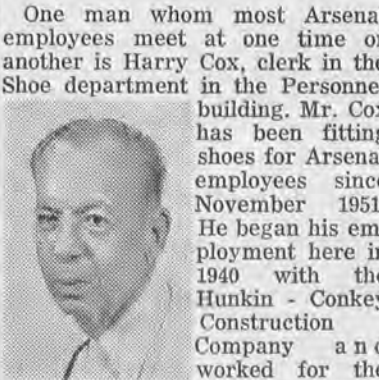
In addition to her other duties, she now compiles and writes a semi-annual historical record of Arsenal activities.

A Pennsylvanian by birth, Miss O'Leary moved at an early age to Newton Falls, her present home. She graduated from high school there and from Warren business college. Her first Arsenal job was in the Atlas Powder Company's Production department during World War II. Later she decided to travel and worked in California until the outbreak of the Korean War. Miss O'Leary then returned to Newton Falls and the Arsenal, and started to work for Ordnance Personnel in September 1950.

Miss O'Leary says her main in-

terests are interior decorating, photography and especially music. A lyricist and amateur composer, she once sang with the Harmonaires over Warren radio station WHHH. Not content with her already busy life, Miss O'Leary still wants to study journalism and do extensive travelling.

One man whom most Arsenal employees meet at one time or another is Harry Cox, clerk in the Shoe department in the Personnel building. Mr. Cox has been fitting shoes for Arsenal employees since November 1951. He began his employment here in 1940 with the Hunkin - Conkey Construction Company and worked for the Atlas Powder Company from 1942 to 1945 as a checker, storekeeper and shoe fitter. Mr. Cox, a veteran of World War I, is a 35-year resident of Ravenna and gained his shoe fitting experience at a Ravenna shoe store where he worked a number of years. He enjoys viewing and participating in all sports for recreation.



COX

Company from 1942 to 1945 as a checker, storekeeper and shoe fitter. Mr. Cox, a veteran of World War I, is a 35-year resident of Ravenna and gained his shoe fitting experience at a Ravenna shoe store where he worked a number of years. He enjoys viewing and participating in all sports for recreation.

Engagements

DeSantis - BESKID

Mrs. Rose DeSantis is announcing the engagement of her daughter, Carmella, to Joseph Beskid of Warren. Miss DeSantis, also from Warren, works in the Traffic department. No definite date has been set for the wedding.

POSTMASTER: If undelivered at the address given, notify postmaster, stating reason for change. Send change of address to: Box 86, Adco, Ohio, Attention: Mrs. F. O.

Sec. 34.66, P. L. & R. U. S. POSTAGE 1 1/2c Paid Permit No. 1 Apco, Ohio



Congratulations-- Absenteeism Drops Again!

The results of our "Stop Absenteeism" campaign have been very encouraging so far. Arsenal departments are to be commended for their efforts made to reduce absenteeism.

Absenteeism among hourly employees dropped more than two percent in October as compared to previous months, creating a new all-time low.

To date, absentee rates are still showing a steady decline. During the first week of November, the over-all percentage of absenteeism was 3.60, while the second week found the rate dropping nearly one percent.

With the winter season of bad weather, icy roads, colds and flu approaching, our efforts to stop absenteeism will need to be re-doubled. Arsenal employees have done a fine job in cooperating with the campaign—let's not "abandon ship" now!

"Right of Way" Looks Different From a Hospital Bed

"Go ahead, you've got the right of way!"

Whispered in your ear by the accident gremlin, these are the most famous "last words" of all. They generally precede many—too many—of all serious traffic accidents. And nearly 25 percent of all accidents, say insurance people, are caused by drivers who think they have the right of way—but don't.

Usually, the man who assumes he has the right of way is in a hurry—full of that impatience that makes us bull our way through to save a few seconds. Or to think we save a few seconds. Actually, "haste makes waste" is a proverb doubly applicable to driving—it wastes both lives and time.

It's been proved, too. A famous racing driver tried it not long ago. He made two 10-mile drives through city traffic—the first at the greatest possible speed, pushing lights, bending and breaking most traffic laws—the second over the same route, but driving carefully and observing all laws and the rules of courtesy.

Yet his "fast" trip saved less than 30 seconds over the one in which he observed all the laws!

Even if you saved ten times that by taking chances in bulling through against both law and courtesy—it just wouldn't be worth it. You'd be risking life and limb—yours and those of others—for next to nothing.

The right of way does you no good—if the other driver doesn't know you have it!

Easy, meeny, miney—NO!

Easy, meeny, miney, mo

Catch a dollar, see it go.

Saving money's awfully slow—isn't it?

If you're like most of us, you've already discovered that, by the time you've counted out the money needed to meet just the ordinary expenses of your daily living, there are mighty few dollars left to save. You've learned too, that the hit-or-miss, now-you-see-it-now-you-don't system of savings is definitely NOT for you.

You see, saving money can be fast . . . easy . . . provided you're stacking your jack through automatic payroll savings, right here at the Arsenal! Millions of Americans just like you are realizing that fact every day. They're learning, too, just what it means to take home part of your paycheck each payday in Money-That-Grows from U. S. Savings Bonds.

Just sign a payroll savings deduction card and give it to your foreman—to save while you earn! And it won't take long before you'll be traveling at a comfortable clip down your own personal "road to security."

Ravenna Arsenal NEWS

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Department of Public Relations

Editor Robert W. Fuehrer
Assistant to the Editor Diane Neass
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Mary Kot, Nellie Kentris, Edythe Cooley, Mary Kakish, Ramona Sechlar, Milton Stine, Carol Kenney, Mary Ann Delay, Lillian Bosko, Lillian French, Gerald Stamm, Millie Micevich, Ruth Orwig, Bertha Burk, Helen McCoy, Leona Schinke, Norma Harvey, Mary Jean Bussan, Flo Liskay, Elizabeth Jura, Margaret Taylor, Helen Wyko, Homer Zimmerman, Elaine Benich, Richard Lawless, Kathy Sarrocco, Dorothy Shaw, Nettie Richards, Gladys Veenis, Adrienne Richards, Sylvia Hinzman, Bessie Hutcheson, Peggy Jones, Paul Bowen, Willis Sands, Robert Medallis, Marguerita Stanovich, Katherine Sartick, Rose Salreno, Margaret Flaneg, Ross Finley, Ethel Larkin, Win Henderson, Isabel Horn, Loretta Herman, Elsie Philipp, Frank Mitchell, Ruth Cook, Helen Ontko.



Shell X-raying Is Most Costly Production Quality Inspection

One of the most costly quality inspections performed at this Arsenal is the cast X-ray of all high explosive loaded shells.

For each tray of shells produced, at least one shell must be X-rayed for cast acceptance of the tray. The cost per shell differs with the caliber because of the film size. In this case, quality consciousness is directly connected with the unit cost of producing ammunition.

To watch quality consciousness and cost savings in action, we will use Load Line One as an example.

FOR this analysis, the cost of shells X-rayed in September will represent 100 percent. The total shells X-rayed in October was only 50 percent of September's costs. Thus, during the first 23 days in November, the cost of X-raying shells was 23.07 percent of the cost in September.

The great savings in X-ray costs was made possible by the expert workmanship of Line One employees performing shell-pouring operations. Variations were kept normal and averages were within specification.

It is plain to see that "quality production" decreases cost, and decreased costs mean a more secure position for this Arsenal in the economies of competitive shell production.

In applying Quality Control, an attempt is made to measure the amount of variation from the norm and to establish a working procedure that will permit a normal amount of variation and still insure acceptable shell casts.

The melt load buildings have been a target for this type application for quite some time. X and R charts are being used to show the average amount of mixing time and the variation from normal.

OTHER CHARTING operations are the length of time required to fill a shell and the variation from that norm, and the average height to which the shells are being poured, along with variations encountered.

Variations from prescribed procedures or specifications, when they occur, are the real troublemakers. Recognizing these variations by measuring them enables the production process to be adjusted and, once again, the process can be returned to normal.

The quality charts measure the process in terms of averages and variations from averages. When the results of these inspections are posted on charts, it becomes readily apparent how the process is

operating and where it should be.

Remember, the quality of the product depends upon the quality consciousness of every employee connected with producing Arsenal ammunition. Any person, regardless of how large or small an addition he makes to the product, leaves his own personal mark on it. This mark should be QUALITY!



CONGRATULATIONS to Mr. and Mrs. William Marsh of Akron on the birth of a girl, Phyllis Ann. The Marshes also have three sons. Mr. Marsh works on the A. N. Line.

A GIRL, born to Mr. and Mrs. William Gump of Leavittsburg. Their third daughter was named Billie Dale. Mr. Gump is a maintenance man on the A. N. Line.

CONGRATULATIONS to Mr. and Mrs. Ralph Pemberton of Windham on the birth of a boy, November 21. Mr. Pemberton is with the Guard Force.

A BOY, born November 16 to Mr. and Mrs. Murvin Miller of Alliance. They named their new son Murvin, Jr. Mr. Miller works in Department 75 Line Two.

A BOY, born November 24 to Mr. and Mrs. Frank Wachovec of Garrettsville. Mr. Wachovec is employed in the P. E. and I. division.

CONGRATULATIONS to Mr. and Mrs. Darwin K. Leggett of Garrettsville on the birth of a girl, Patricia. Mr. Leggett is employed in the Automotive department at Depot U-8.

A GIRL, Nicolette Lynn, born November 17 to Mr. and Mrs. Thomas Hentz of Ravenna. Mr. Hentz works at the Main Service garage.

OAC Conference

(Continued from page 1)

tages are now foreseen through the retention of the contractors during the "standby" period. Ten of the 12 loading plants are operated, as is Ravenna Arsenal, by private industrial companies.

Plans for continued production will be welcomed by employees now working at the Arsenal. It had been announced previously that reductions would be made on a gradual basis. Present plans, together with the outlook for continued operation of the Depot, even under a standby program, are good indications that a sizeable work force will be employed at the Arsenal for the foreseeable future.

In reviewing the important topics discussed at the conference, Colonel Bradley and Mr. Bouda stressed the importance of efficient and economical operations, pointing out that quality production and low operating costs remain as objectives of the ammunition program.

Continued emphasis will also be given to the accident prevention program with the objective of making further improvements in the outstanding safety record compiled by loading plants during the past year.

Letter to the Editor

(EDITOR'S NOTE — The following letter was submitted by Mr. and Mrs. Joe Branick, on behalf of Mr. and Mrs. John Benca of Wayland. Mr. Benca is Mr. Branick's father-in-law. The incident occurred while Mr. Branick, Department 194 Depot, was away on a trip. Thus, he never did get to know these Good Samaritans.)

Dear Sir:

Mrs. John Benca wishes to express her sincere thanks and appreciation to the two Ravenna Arsenal Firemen, whose names she failed to learn, for the assistance they rendered at the time her husband was suddenly taken ill with a heart attack. Their prompt aid proved a great factor in saving his life. This occurred Wednesday evening, November 18.

Sincerely,

Mr. and Mrs. Joe Branick

Arsenalites in the Armed Forces

We have received a letter from Archie B. Cutright who is undergoing basic training at Fort Jackson, S. C. Pvt. Cutright, formerly employed in Department 66 Line One, would appreciate hearing from his former co-workers. His address is: Pvt. Archie B. Cutright, RA 13456142, Co. F, 28th Inf. Regt., 8th Division, Fort Jackson, S. C.

New addresses have also been received for the following former employees, who would like to hear from their former friends and co-workers:

Pfc. Richard W. Wright, RA 15449860, Btry. A, 265th FA Bn., APO 743, c-o Postmaster New York City, N. Y.

Pvt. Donnie Debolt, US 52308401, Co. I, 9th Inf. Regt. 2nd Division, APO 248, c-o Postmaster San Francisco, Cal.

D. W. Reece, from Newton Falls recently entered the Armed Forces. He worked in Component Stores.

CONGRATULATIONS to Mr. and Mrs. R. E. Long, Jr., of Ravenna on the birth of a girl, Katherine, November 14. The Longs have seven other children, six boys and a girl. Mr. Long is a plumber at the George Road shops.

News In Brief

Production Offices

Production Planning office held a luncheon November 13 in honor of Jack Taylor, who has left with his family for their new home in Los Angeles, Cal. We all wish Jack a safe journey.

Artillery Primer Line

Ann Custer's son, Fred, has entered Michigan State college of dentistry. . . . Gladys Daugherty and family recently visited friends and relatives in Kentucky and West Virginia. . . . Jane Galloway and family were recent dinner guests at the Warren home of Helen Cassetto and family. . . . Frances Walton enjoyed a week's vacation at home.

Industrial Relations

We're happy to report that Eddie Shriver, Identification office, has been released from the hospital and is convalescing at home. Jim Stanton, Employment, and his wife recently visited their daughter, son-in-law and new granddaughter in White Plains, N. Y. . . . John and family enjoyed Thanksgiving Day at his sister's home in Lebanonburg, O. . . . Suzanne Kaser, Identification, and Diane Neass, NEWS office, were among the guests at a party held November 25 in honor of newlyweds Suzi and Dick Viebranz. . . . R. M. Wilson, Employment and Services Manager, and family spent Thanksgiving Day with relatives in Akron. . . . NEWS Editor Bob Fuehrer and wife Flo recently visited friends in Columbus. . . . Harry Cox, Shoe department, spent Thanksgiving in Wheeling, W. Va. . . . Employment department personnel and their guests enjoyed a Thanksgiving dance at the Recreation building on November 28 to the music of Arsenalite Junior Luneford's orchestra.

Load Line Two

Mel Abide, Department 75, wishes to express his thanks for all the cards and condolences received from Arsenal friends and co-workers at the time of his father's death. . . . Our sympathy is extended to Jesse Bryant, Department 75, on the recent death of his brother. . . . It's nice to see Ed St. Clair, Ordnance X-ray inspector, back on the job after his recent illness. . . . Best wishes for a speedy recovery are sent to Margaret Harrington's mother, Mrs. Edith Parker, who is confined to Robinson Memorial hospital. . . . We welcome Mary Huzvar, Department 75, and Ernest McDonald, Maintenance, transfers from Line One.

Ammonium Nitrate Line

Harold Leamer recently enjoyed a week's vacation hunting in Kenzua, Pa. . . . We're happy to hear Bonnie Miller is recuperating nicely at home. . . . Best wishes for a speedy recovery are sent to Alva Davis, who is confined at home with the flu.

Load Line Four

Mary Cacioppo's son, Anthony a former Arsenal employee, has returned to Iowa university where he is studying for a PHD in sociology. Congratulations are also in order for Mary who recently became a grandmother. . . . Department 92 welcomes new transfer Hilda Norvell. Congratulations to Violet Hosler, Department 92, who recently became a grandmother for the first time. . . . Our deepest sympathy is extended to Dave Wilson on the death of his father. . . . NEWS reporter Win Henderson is very proud of her daughter Marilyn who has again this year been awarded a scholarship for meritorious grades at Andrews school for girls. Marilyn is presently at home enjoying a Thanksgiving vacation. Win recently held a surprise party in honor of her mother who has left to spend the winter in Miami with Win's twin sister. Art Malone, Department 90, attended the Ohio State-Purdue football game in Columbus November 13. . . . Ed Gaines, Department 90, and Estell Rogers, Department 92, recently motored to Mississippi to bring home Ed's wife who has been recovering from injuries sustained in an auto accident several months ago.

Stores Stock Control

E. C. Amos journeyed to New Matamoras, O., to spend the Thanksgiving holiday with his family. . . . R. O. Moneypenny and family spent Thanksgiving with relatives and friends in Parkersburg, W. Va.

Percussion Element Line

Best wishes for a speedy recovery are sent to Marian Holesko's husband. . . . Good luck wishes to Paul Few's son who left November 23 to join the Air Force.

Depot Area

Dwight Ringler spent the weekend of November 7th visiting his home town, Somerset, Pa. He reported encountering snow from two to six inches deep there. . . . James Newell and William Nerone vacationed the week of November 16th. . . . Ardent hunter, Joe Braden has his larger stocked with pheasant, grouse and bear meat, and expects to bag a turkey on a hunting trip near DuBois, Pa., this weekend. . . . Ray Page recently enjoyed a week's vacation. . . . We're glad to have Joe Branick back to work after his long illness.

George Road Shops

Congratulations to Mr. and Mrs. Mike Wracher who celebrated their 14th wedding anniversary November 5. . . . We're happy to hear that Dalrymple's two-year-old daughter who is confined to Akron's hospital with polio, was taken off the danger list and is reported to be much better. . . . Isn't it a shame? After waiting a whole year for hunting season to arrive so that he could take his vacation, Nick Sarrocco was left "holding an empty bag" due to hunting season being moved ahead a week!

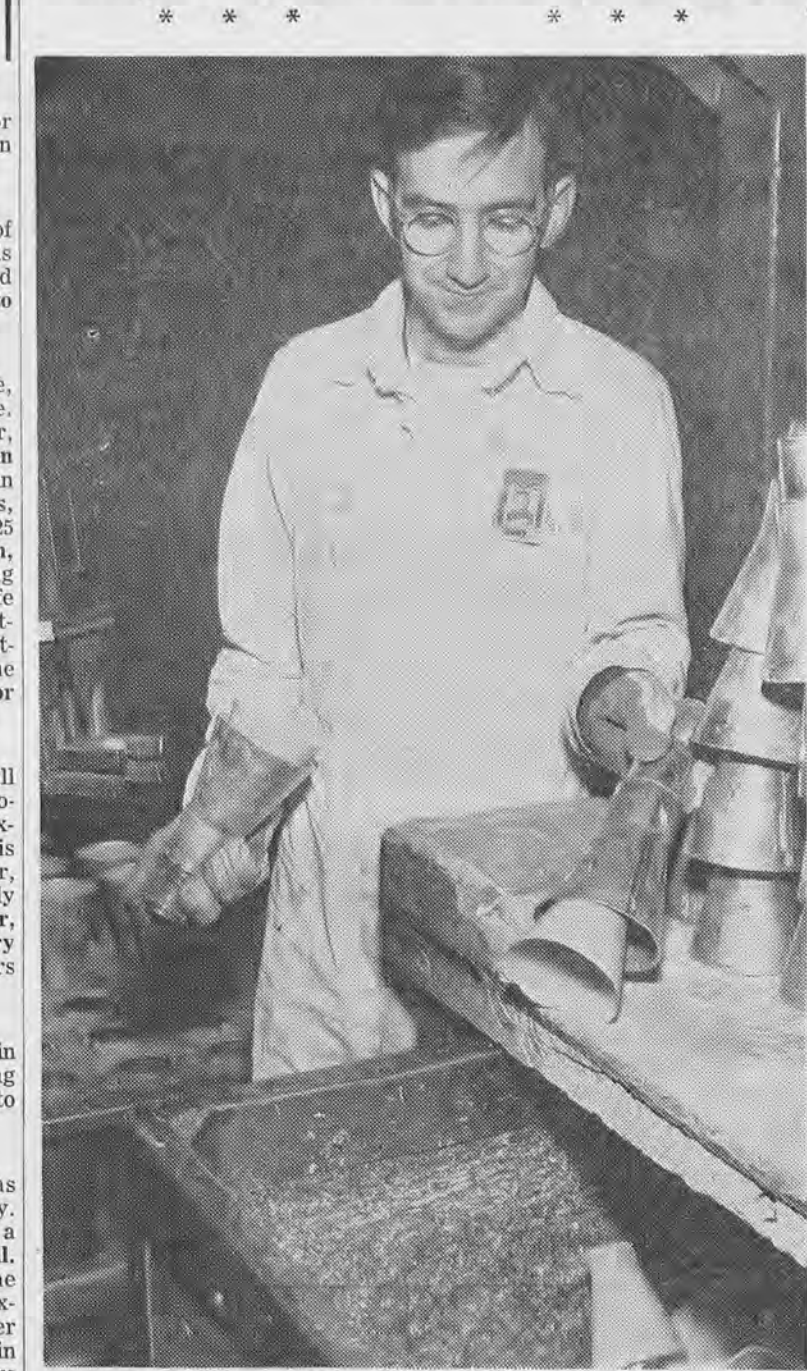
Transportation

Merrill Parker, U-4 Depot, and wife, Margaret of Stock Control, vacationed traveling through the mid-west and southern states. Other recent vacationers were R. G. Christy, Shirl Marsh and D. L. Schmidt. . . . We're happy to hear Steve Suhay's son has been released from the hospital. . . . Congratulations to H. H. "Jit" Harris who has just completed 12 years at Ravenna Arsenal. . . . Ruth Michaelson's son, TM-Third class Don Michaelson, and new daughter-in-law were recently home for his first visit in several months. Charles Solberger, Locomotive Shop, spent an enjoyable vacation visiting friends and doing some hunting. . . . Tom Mellesky spent his vacation bear and squirrel hunting in Pennsylvania. . . . Our deepest sympathy is extended to Fred Gibson on the death of his father.

Ordnance Staff

Delbert Eilers and Dennis Hicks are presently attending a four-week course at the Ordnance School for Technical Safety at the University of Louisville, Ky., and Ordnance Field Safety office, Indiana Arsenal. . . . Estella Dushman is enjoying a week's vacation in the Alleghany National Forest, Pennsylvania. . . . Congratulations to Ted Jasin who recently completed his 13th year at the Arsenal.

Scrap Explosives Save Thousands of Dollars



CHALMER VANDALE, from Ravenna, and an explosives operator in the Line One Melt Load building, is shown removing solidified TNT from shell pouring funnels as part of the Arsenal's Waste and Salvage Control program.

Line Four Employee's Hobby Is Same as His Former Trade

A carpenter retires in name only, because he can never put aside the saw and hammer. This seems true for George G. Schultz, a retired carpenter now working in Department 92 Line Four.

For the past two years, Mr. Schultz has been using his spare time making novelty wooden "pump lamps" and kitchen cabinets in his shop in the rear of his Newton Falls home. He is married and has one married son.

Mr. Schultz started working as a carpenter and cabinet maker in 1917 and says a person needs mechanical aptitude to be a good cabinet maker.

He has been an Arsenal employee about 11 years, except for two lay-off periods. He began working at the George Road Carpenter shop for Atlas Powder Company in May 1942 and was there until October 1945.

MR. SCHULTZ returned to the Arsenal in May 1946 and worked as a field and maintenance carpenter for Ordnance until December 1949.

His third tour of employment here started in March 1950 as a renovation explosives operator. He transferred to Ravenna Arsenal, Inc. in April 1951 while working on Line One and later transferred with the renovation operation to Line Three. Mr. Schultz moved again when the mine loading operation was transferred to Line Four.

A native of Bethesda, Ohio, Mr.

Employees' Efforts Toward Waste And Salvage Control

Thousands of dollars have been and are being saved by continuous efforts toward utilization of scrap explosives accumulated from loading operations at this Arsenal.

Scrap explosives, which result from drilling nose cavities or performing facing operations on shells, represents the largest amount of scrap TNT and are re-used by screening and re-melting through a melt grid unit.

Also, scrap explosives collected from shell pouring funnels and splash pans and spills from the Melt Load building pour machines are kept free of contamination by foreign material through the efforts of load line operating employees. Thus, the explosives may be re-melted and re-used to load shells in new production.

After a shell has been poured with molten TNT and the explosives in the shell solidifies, the pouring funnel is pulled and the surplus TNT in the funnel is removed.

These chunks of explosives are then placed in a buggy and kept free of contamination so that the TNT can be returned to the mixing kettles to be re-melted.

Explosive floor sweepings, contaminated with foreign materials from the Arsenal's explosive buildings, are used in local demolition operations rather than using new TNT. Even explosives washed from rejected, poured shells are re-flaked and re-used in special loading operations by other Arsenals.

By the efforts of all load line explosive operators in controlling the collection of scrap explosives, the utilization of these explosives, which would otherwise be destroyed, saves you, as a taxpayer, many thousands of dollars.

Visits and Visitors

Carroll Ruben, Ordnance Operations, and James Thomas, P. E. and I. division, have returned from a recent Packaging Sub-Committee meeting at Joliet Arsenal.

Conducting a safety inspection during the period November 23 to 25 were L. E. Colbath and H. L. Schultz of the Ordnance Field Safety office.

H. P. Thune, Ordnance Safety, has returned after a month at Northwestern university where he attended Traffic Safety school.



GEORGE SCHULTZ is shown working on one of his hand-made "pump lamps" in his work shop in the rear of his home.

Line One, Old Timers Tie For 2nd Place in Wednesday Loop

George Mohn Qualifies for ABC Award With a 169 Triplicate Series

Load Line One rolled over the Electricians by a 3-1 score to tie the Old Timers for second place in the Men's Wednesday Night Bowling league.

George Mohn racked up a triplicate 169 series on December 7 to become the second Arsenal league bowler to qualify for the American Bowling Congress Triplicate Club award. He is also the second member of his team, Load Line Four, to win this chevron award.

In other Monday Night league action, Line Four and the Guards split their match 2-2.

The Beginners also strengthened their hold on first place and are leading the Wednesday loop with a 35-17 tally. M. K. Skipper, Line One kegler, rolled a 564 series on games of 171, 191 and 202 on December 9. Automotive also moved ahead of the Truck Drivers.

In the Tuesday Night league, Industrial Relations, Depot U-7 and Group Six are still holding down the three top spots. Standings for the three leagues is as follows:

MONDAY NIGHT			
TEAM	W	L	
Jolly Rogers	37	15	
Load Line Two	34	18	
Load Line Four	30½	21½	
Salvage	30	22	
Load Line One	25	27	
Ordinance Inspection	20½	31½	
Guards	18	34	
Motor Pool	13	39	
TUESDAY NIGHT			
Industrial Relations	31	17	
Depot U-7	28½	19½	
Group Six	26½	21½	
Arsenalites	26	22	
Financial Accounting	21	27	
Specifications	20	28	
Cost Accounting	19½	28½	
Pleasant Valley AC	19½	28½	
WEDNESDAY NIGHT			
Beginners	35	17	
Old Timers	30	22	
Load Line One	30	22	

Materials Inspection	28	24
Automotive	26	26
Truck Drivers	23	29
Electricians	20	32
Inventory	16	36

Holiday Doubles Tourney Set For December 21-30

A holiday Mixed Doubles bowling tournament will be held December 21 through 30 for all Arsenal employees and league bowlers.

Three games will be played over two alleys. Shifts will start each night at 5 p.m. and run every hour, with the last shift starting at 9 p.m.

Bowling averages used for the tournament will be the player's highest Arsenal league average or, if there is no Arsenal average, the highest average in outside bowling leagues.

Participants may bowl as many games as they wish, however, no two persons may bowl together more than once. Entry fee for the handicap tournament is \$2 per person. Winners will collect their prize money on December 31.

Bowling tournament entry blanks can be obtained at the bowling alley, located in the Recreation building.

IN MEMORIAM

Our sympathy is extended to Eli Evonovich, Department 31, on the death of his mother, Lillian Evonovich, 70, on December 6. Mrs. Evonovich had been ill for the past five years. Interment was in Youngstown December 9.

Absenteeism Rate Drops 1.1%, Hourly Workers Set New Mark

Absenteeism among hourly employees dropped one and one-tenth percent in November as compared to October and established a new record low of an overall percentage of 3.06 absenteeism.

Load Line Two, through its efforts to reduce absenteeism, reached the 2.8 mark in November. This is the first time in Arsenal history that any load line has had less than three percent absenteeism.

Among individual Arsenal departments, Component Stores showed greatest decline of absences.

For the month of October Component Stores had the highest percent (9.4) of absences of any Arsenal department, while in November that figure was sliced to 4.5.

Load Line One also showed a good decline, with a two and one-tenth drop over October's 6.3 percent.

DEPARTMENT	PERCENT
Stores Stock Control	0.0
Water and Sewage	0.0
Preventative Maintenance	0.0
Railroad Maint. Shop	0.0
Shoe Department	0.0
Fuze Line Two	0.0
Powerhouse	0.2
Space Heating	0.4
Press Shop	1.0
Ammonium Nitrate	1.0
Stores, Warehouse	1.1
Engineering Equip.	1.1
Scrap and Salvage	1.2
Stores, Stock Records	1.4
Shop Maintenance	1.5
Strategic Materials	1.5
Mat'l. Equip. Handling	1.9
Roads and Grounds	2.3
Janitorial	2.6
Transportation	2.7
Railroad Track Maint.	2.7
Percussion Element	2.7
Load Line Two	2.8
Ammunition Inspection	2.8
Line Maintenance	2.8
Guard Force	2.9

Give a 'Special' Christmas Gift on December 22 -- A Pint of Your Blood

Employees working the afternoon shift will have an opportunity to give a "special" Christmas gift when the Red Cross bloodmobile makes its 13th Arsenal visit.

The Cleveland unit will be at the Arsenal Recreation building December 22 from 1 to 7 p.m. Day shift employees who did not participate in the November 4 drive are also eligible and welcome. The Red Cross requires that 16 weeks elapse between donations.

You are not forgetting any American (yourself included) when you give the priceless gift of blood. To the serviceman wounded in combat, the hospitalized veteran, the child threatened with polio, or to you yourself in time of accident or disaster, blood may mean the difference between life and death.

But blood cannot be mined or manufactured. This priceless, painless gift must come from the veins of healthy American men and women. Men and women who feel con-

cern for themselves, their country and their fellow man, are urged to "roll up their sleeve" December 22 and deposit a pint of blood to their account in the district blood bank.

Remember, your pint of blood will be the best Christmas gift you can offer to all humanity and the Prince of Peace.

Weddings

HERBES-SILAK

Alverna Silak of Youngstown became the bride of Airman First Class Francis Herbes at a ceremony performed in Youngstown November 14.

The new Mrs. Herbes is employed on the Artillery Primer Line. Her husband, formerly from Minneapolis, is stationed at the Youngstown Air Force Jet Base. The couple is now residing at 929 Belmont Avenue, Youngstown.



SANTA CLAUS found his "Yuletide Helpers" busily wrapping gifts for the Children's Christmas party when he visited Ravenna Arsenal on December 8. Arsenalites shown above with old St. Nick are, clockwise: Margaret Parker, Olga Burkhardt, Marie Wilson, May Anderson, Nancy Kayser and Louise Spencer.

* * *

* * *

3,200 Children Expected To Attend RAI Christmas Party

More than 3,200 children of Arsenal employees are expected to attend the second annual RAI Children's Christmas party in Bolton Barn auditorium Sunday, December 20.

Santa Claus will have a Christmas gift for every child at the Yuletide get-together and the children will be entertained by a variety show. The two-hour program will also include distribution of gifts and a message from Santa Claus.

Due to the limited seating capacity and fire prevention regulations, it is asked that only one parent accompany the children.

Tickets for the four performances were distributed December 16 and 17 to all employees who returned their Christmas party questionnaires. D. R. Anderson, Recreation department, is handling the party arrangements.

Bolton Barn, the site for the party, is located in the Depot area and can be reached by taking Routes 303 or 5 to Route 80, and entering either the Charlestown or Freedom gates.

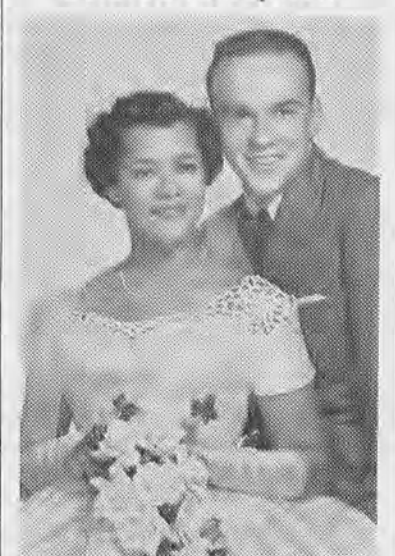
All vehicles will travel Route 80 entering and leaving the Arsenal. All other gates will be closed to

those attending the Children's Christmas party.

Employees must present identification to enter the Arsenal and tickets must be shown to ushers at entrance to Bolton Barn.

The variety show will be staged at 1, 3:15, 5:30 and 7:45 p.m. Employees should check their tickets for the show time and are asked to be prompt.

Belated Reception



A BELATED wedding reception for Petty Officer 3rd Class Don Michaelson and his bride of April 25 was held Thanksgiving Day at the home of his parents, Ruth and Elmer Michaelson of Warren. His mother, known throughout the Arsenal as "Mike," is a chauffeurette at the Main Service garage. This was the first visit at home in a year and a half for Petty Officer Michaelson who is a torpedoman aboard the USS Yosemite, which is docked at Philadelphia Navy Yard. Family, relatives and friends were present at the dinner-reception. The Michaelsons returned to Philadelphia December 2.

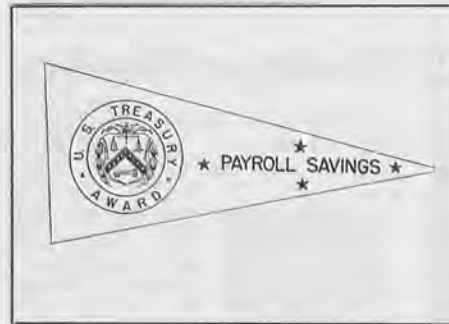
Sec. 3486 P. L. & R. U.S. POSTAGE 1½¢ Paid Permit No. 1 Apco, Ohio

Line Two Employees Aid Worker, Family Burned Out Of Ravenna Home

A defective chimney was the origin of the fire which destroyed the home and personal property of Oscar Belknap, explosives operator in Department 74 Line Two.

The fire in the Belknap home, located north of Ravenna on Route 88, occurred November 29. Though all of their household belongings were destroyed, Mr. and Mrs. Belknap and their eight children were unharmed by the blaze. They also have a son serving in the Armed Forces.

Mr. Belknap expressed his gratitude to Line Two employees for their unofficial contributions amounting to \$125.



Vol. 2, No. 22

RAVENNA ARSENAL, INC., APCO, OHIO

December 15, 1953

Christmas Prayer--1953

Almighty God, Heavenly Father, we thank Thee for the Miracle of Thy love revealed to us in our Savior King, the Christ Child of Bethlehem. Cleanse our hearts from every sin and grant us grace that in spirit we may again kneel at the manger in Bethlehem's stable to worship the Miracle of Ages. Help us rightly to remember His holy birth that in faith we may join in the song of the angels and share the delight of the shepherds and the worship of the wise men. Grant that in this sacred season the Christ may be born anew in our hearts in truth and love so that we may be moved to share with others the blessings of the great gift which Thou hast given us. Although some members of our families are far from home and separated from loved ones, yet we pray, unite us all at this Christmas time by the blessings of the Prince of Peace. In the Name of Him concerning Whose birth the angels sang. Amen.

On this Christmas Day, we join with you in praying that the Prince of Peace will once again reign throughout the world. We wish, for each and every employee, that the spiritual power of Christmas may permeate your lives.

Lt. Col. T. H. Bradley,
Commanding Officer

H. M. Kregel,
General Manager



New Firestone Industrial Relations Director Former Ordnance Official



J. A. MEEK

Bids Opened For Arsenal Trailers

Twenty-nine trailers, one truck tractor and one crawler crane have been released for sale to the highest bidder by Ravenna Arsenal, Inc.

Sealed bids will be accepted by the Scrap and Salvage office until December 22. Equipment for sale is as follows: One K-11 International Harvester truck tractor-five ton; one Bay City crawler crane, Model 30; seven 10-ton Freuhauf automatic semi-trailers; fourteen 11-ton semi-trailers; and eight 10-ton platform and stake semi-trailers.

Interested employees can obtain further information by contacting the Scrap and Salvage office, Room 146 Headquarters building.

Appointment of Joseph A. Meek as Director of Industrial Relations of The Firestone Tire & Rubber Company was announced December 11 by J. E. Trainer, Vice-President.

Mr. Meek has been General Factory Manager of the Firestone plant in Memphis, Tenn., since October 1951, and before that was Assistant Director of Industrial Relations in Akron from 1946 to 1951.

Paul Borda, who has been General Manager of Ravenna Arsenal, Inc., since February 1951, replaced Mr. Meek at the Memphis plant.

Mr. Meek is a native of East Palestine, O., and a graduate of Ohio Wesleyan university. He joined Firestone in the Cost department in 1925, was transferred to the Time Study department in 1926, and in 1928 moved to Los Angeles to establish the Industrial Relations department at the newly established Firestone subsidiary plant in that city.

HE SERVED as Production Manager of the Los Angeles plant until 1942 when he was transferred to the Nebraska Defense Corporation, a bomb-loading plant operated by Firestone in Fremont, Neb. In 1943 he was appointed General Manager of the plant.

In 1944 Mr. Meek was granted a leave of absence from Firestone to serve as Deputy Field Director of Ammunition Plants, U. S. Army Ordnance. In this capacity he served as Chief Civilian Advisor to the Ordnance Department directing the operation of the more than 60 shell and bomb-loading plants in the country.

At the end of World War II, Mr. (Continued on page 2.)

H. M. Kregel Appointed Arsenal General Manager

Paul Borda Named Firestone Memphis Plant Manager

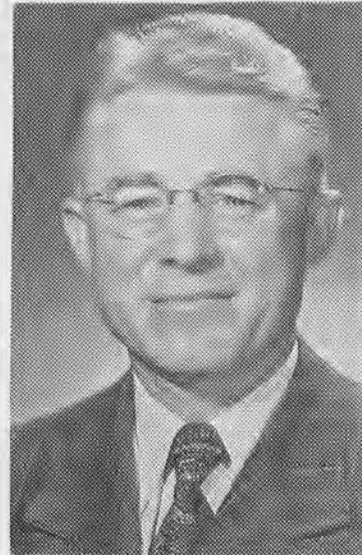
Appointment of Harry M. Kregel as General Manager of Ravenna Arsenal, Inc., and appointment of Paul Borda as General Factory Manager of Firestone's Memphis, Tenn., plant was announced December 10 by J. E. Trainer, RAI President and Vice-President and director of The Firestone Tire & Rubber Company.

Mr. Borda has been RAI General Manager since February 1951 and prior to coming here he was Manager of Firestone's Plant 2 in Akron.

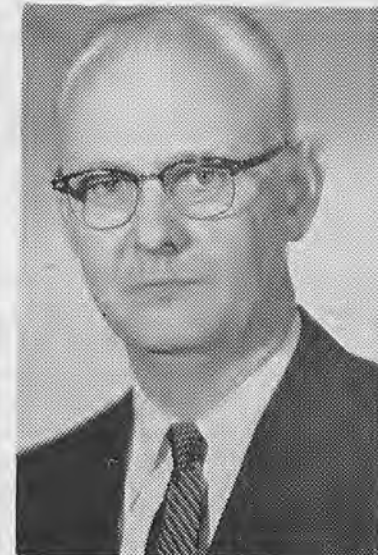
MR. KREGEL, who has been RAI Production Division Manager since February 1951, is a native of Cincinnati, O., but has lived in Akron since 1915. He attended the University of Akron and joined the Firestone Company in 1924 in the Mechanical Building Maintenance and Spare Parts Stores department. He later became foreman of that department.

In 1942 he became Superintendent of Stores for the Nebraska Ordnance Plant, Fremont, Neb., and in 1943, Superintendent of Operations and Maintenance for the Blue Grass Ordnance Depot at Richmond, Ky. Both of these Government installations were operated by Firestone.

In 1945 he returned to Firestone's Plant 1 in Akron and was



PAUL BORDA



H. M. KREGEL

named Department Manager of Plant 1 Warehouse, Shipping and Receiving. Early in 1951 he was assigned to the Ravenna Arsenal.

Mr. Kregel is an advisory member of the Rocket, Bomb and Shell committee of the Army Ordnance association and a member of the American Materials Handling society. He also is a member of St. Vincent church.

Mr. and Mrs. Kregel live at 658 Ecton road in Akron. They have two children, Thomas, 21, a senior at the University of Akron, and Kathleen, 15, a student at St. Vincent church.

Christmas Cover

The Christmas Nativity scene, which appears in this issue of the NEWS, has been erected above the stage at the Bolton Barn auditorium, site for the Children's Christmas party.

It was constructed at the George Road Carpenter shop and designed and painted by John Bratnick, George Road Paint shop employee from Windham.

*From all of us to all of you --
Goes this wish so bright with cheer,
For Christmas love and joy and peace
To last through all the year.*

--Arsenal NEWS Staff

Christmas Season Is Observed In Many Ways Around World

(By Armed Forces Press Service)

Although Christmas is celebrated all around the world, many countries have their own distinctive customs and legends about the holiday season which live on from generation to generation.

In rural England, for example, the ancient custom of burning the Yule log is observed. Care is taken to save half of the log to start the fire the following year. On Christmas Eve the children gather in large groups called "waits" and wander through the streets singing carols.

Children in France don't hang their stockings in front of the chimney. Instead they place their shoes there. Religious services in France on Christmas Eve are followed by midnight suppers. Restaurants have special menus for the occasion. Only children get gifts at Christmas time in France. Adults wait for the New Year to exchange presents and visits.

Many of the current Christmas customs began in Germany. Traditionally the holiday season there is from December 24 to 27. Each year family and neighborhood woodcarvers vie for top honors in the fashioning of animals and dolls. They also make the religious fig-

ures that appear in Christmas mangers all around the world.

IN ITALY the family gathers in front of the fireplace to tell Christmas stories before sitting down to Christmas dinner. Fangiallo, a yellow cornbread with raisins, traditionally is served at the Christmas dinner.

Children in Finland have a great time at Christmas. Not only do they see Santa Claus, but they disguise themselves as elves and help him distribute his gifts. Santa is accompanied by six tiny elves as helpers rather than by reindeer.

Denmark's Hans Christian Andersen perhaps has done more than any other person to spread the spirit of Christmas around the world. His books have been long-time favorites everywhere. They have been translated into 35 languages including Arabic, Hebrew, Chinese and Japanese.

ORDNANCE AMMUNITION CENTER U. S. Army Office of the Commanding General JOLIET, ILLINOIS

9 December 1953

To All Personnel, Ravenna Arsenal:

Each Christmas Season seems to be a milestone in our lives, and a time when most of us pause to reflect on the past year and think about the coming year.

To all of us in the ammunition industry, 1953 brought hard work and difficult problems, but it also brought a feeling of accomplishment. In the first half of 1953, the results of more than two years' planning and effort became fully apparent. A veritable flood of ammunition poured out of our OAC installations to Korea, to our allies, and to U. S. storage centers.

I am justly proud of the accomplishments of our 23 OAC installations in the past year. The splendid 1953 record was made possible by your effort, your loyalty, your cooperation, and your devotion to the job. Every one of you should get personal satisfaction from the knowledge that your performance contributed to the successful accomplishment of a mission vital to the future of the United States and the free world.

No one knows exactly what the coming year will bring, but it is obvious that at this critical period, with the free world facing a threat unparalleled in history, the United States must remain strong and become stronger. Each of us has a part to play, a duty to perform, in this mobilization of our military and spiritual strength. I am confident that you men and women in the ammunition industry will measure us fully to your individual responsibilities and opportunities.

I extend to each of you my personal thanks and appreciation for your part in the superb accomplishments of 1953, and my best wishes for a happy Christmas Season.

Sincerely,
W. E. LAIDLAW
Brigadier General, USA
Commanding

Ravenna Arsenal NEWS

Vol. 2, No. 22 --- December 15, 1953

Published by Ravenna Arsenal, Inc. for employees of the Ravenna Arsenal, Apco, Ohio

Department of Public Relations

Editor Robert W. Fuehrer
Assistant to the Editor Diane Neass
Photographers George Hoagland, Carl Bungard

REPORTERS: Jean Miller, Mary Kot, Nellie Kentris, Edythe Cooley, Mary Kakish, Ramona Sechlar, Milton Stine, Carol Kenney, Mary Ann Delay, Lillian Bosko, Lillian French, Gerald Stamm, Millie Micevich, Ruth Orwig, Bertha Burk, Helen McCoy, Leona Schinke, Norma Harvey, Mary Jean Bussan, Flo Liskay, Elizabeth Jura, Margaret Taylor, Helen Wyko, Homer Zimmerman, Elaine Benich, Richard Lawless, Kathy Sarrocco, Dorothy Shaw, Nettie Richards, Gladys Veenis, Adrienne Richards, Sylvia Hinzman, Bessie Hutcheson, Peggy Jones, Paul Bowen, Willis Sands, Robert Medallis, Marguerita Stanovich, Katherine Sartick, Rose Salreno, Margaret Strang, Ross Finley, Ethel Larkin, Win Henderson, Isabel Horn, Loretta Herman, Elsie Philipp, Frank Mitchell, Ruth Cook, Helen Ontko.

The Greatest Gift -- PEACE!



THE SHOOTING war is over in Korea, but thousands of our servicemen are still overseas "on guard" at our outposts of freedom on the very borders of the Iron and Bamboo Curtains.

They are putting forth their energy to secure for all humanity the greatest Christmas Gift--PEACE! and so, on Christmas Day 1953, remember these servicemen in your prayers and theirs will be a more cheerful and happier Christmas. "Peace on earth to men of good will."

Harry M. Kregel New RAI Manager

(Continued from page 1.)

cent high school.

MR. BORDA joined the Firestone organization in Akron in 1920 as dispatcher in the Maintenance department. In 1925 he became foreman of the Final Inspection department and in 1928 was named Department Manager of Final Inspection. In 1938 he was promoted to the position of Production Superintendent of Plant 2 in Akron.

In 1942 he was transferred to the Nebraska Ordnance Plant which was operated by Firestone during World War II and became General Manager in 1944 and continued in that capacity until the end of the war. He then returned to his former position as Production Superintendent of Plant 2 and became Plant 2 Manager in 1950.

New Arrivals

A BOY, Freddie Ray, born December 8 to Mr. and Mrs. Ray Edward Lee of Youngstown. Mr. Lee is a warehouseman in Stock Control.

CONGRATULATIONS to Mr. and Mrs. John D. Dokes of Akron on the birth of a boy November 23. They named their new son John Jr. Mr. Dokes works in Department 74 Line Two.

A GIRL, Judy Ann, born November 28 to Mr. and Mrs. Ernest R. Smith of Ravenna. Mr. Smith is a truck driver working out of the Main Service garage.

CONGRATULATIONS to Mr. and Mrs. Harley Twiggs of New Milford on the birth of a boy December 1. They named their second son Terry. Mr. Twiggs is employed in Automotive Maintenance.

Employee Sketches

A native of Beaver Falls, Pa., George Radnothy came to Windham in 1943 and has lived there ever since. He started his first



RADNOTHY an explosives operator in Department 92 Line Four. A widower, Mr. Radnothy makes a home for two teen-age sons, and has two married daughters, one married son and one grandchildren. He enjoys bowling, hunting, fishing, an occasional dance or a game of bingo for recreation.

Depot Munitions Handler James M. Williams began working at the Arsenal in October 1950 for Ordnance on Load Line One, later going to Line Three. He transferred to Raven-



WILLIAMS and has four children. He enjoys tinkering with automobiles in his spare time and also likes to sing. During his high school days, Mr. Williams was a member of the Central High Junior a capella choir.

It has been estimated that people in the U. S. exchange 1,500,000,000 Christmas cards a year.

Christmas Trees Can Be Made Less Flammable Several Ways

After investigating various methods for making Christmas trees less flammable, the U. S. Forest Products laboratory concludes that keeping the tree standing in water is about the most practical, satisfactory and convenient method.

However, additional protection against "holiday fire" can be provided by the use of fire-retardant coatings in conjunction with the water treatment if the retention of the natural color of the foliage is unimportant.

The water treatment procedure recommended is: (1) Obtain a tree that has been cut as recently as possible. (2) Cut off the end of the trunk diagonally at least one inch above the original cut end. Stand the tree at once in a container of water and keep the water level above the cut surface during the entire time the tree is in the house.

If the tree is not to be set up for several days, it should still be kept standing in water in a cool place.

IF STARTED in time, this treatment not only will prevent the needles from drying out and becoming flammable, but will also keep them fresh and green. In addition, it will retard the fall of needles of such species as spruce, in contrast to balsam fir, which retains its needles after the branches have become dry and the needles brittle.

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News In Brief

Load Line Two

Congratulations to day shift employees in Department 74 who are now contributing 100 percent to the E Bond Payroll Savings drive. Our deepest sympathy is extended to Margaret Harrington, Department 74, on the death of her mother . . . Jennings and Harvey Stoneking, Department 75, spent Thanksgiving visiting in Glenville, W. Va. **Leo Bullinger** and family enjoyed a trip to Emigh, Pa., to visit relatives over the Thanksgiving holiday . . . Line Two is very proud of its bowling team which is in second place in the Men's Monday Night league . . . **A. J. Pesarik**, Department 76, enjoyed a week's vacation hunting in Pennsylvania . . . **George Miles**, Department 76, visited friends in Harvey, Ill., while on his vacation.

Engineering

Congratulations to Mr. and Mrs. A. J. Szabo who celebrated their 22nd wedding anniversary November 25 . . . The A. T. Wilson family enjoyed Thanksgiving in Scranton, Pa. . . Other Thanksgiving visitors in Pennsylvania were Mr. and Mrs. Joe Zaffulo, in Pittsburgh, and Mr. and Mrs. R. W. Williams who visited in Johnston . . . It's nice to see **Ralph Baynes** back to work after his recent operation . . . Engineering personnel celebrated Thanksgiving with a luncheon on November 27.

Percussion Element Line

Edward Tekely and family spent an enjoyable week in Philipsburg, Pa., visiting relatives . . . **Don McLaughlin** recently spent a week deer hunting in the mountains of Virginia. However he returned empty-handed . . . Speaking of deer, P. E. Line has two tame deer, named "Baby" and "Rusty," which have become quite an attraction to visitors . . . Best wishes for a speedy recovery are sent to **Gene Hawkins**.

Load Line Four

Pat Skidmore and family journeyed to Gassaway, W. Va., to spend Thanksgiving there . . . Mr. and Mrs. G. R. Sanders entertained out-of-town guests over Thanksgiving weekend . . . **Vern Vandendoom** watched his daughter, Sandra, on a television program over station WXEL December 4. She appeared with the Garrettsville high school band as first clarinetist . . . **L. P. Steel** recently returned from a hunting trip in Pennsylvania where, in the first few hours of hunting, he shot a six-point buck deer.

Artillery Primer Line

Gladys Daugherty and family, formerly of Warren, recently moved to Braceville . . . Mr. and Mrs. Lawrence Moon were honored at a party given December 5 by their daughter, Mrs. Thelma Lawrence of Cuyahoga Falls, in celebration of their 31st wedding anniversary. We're glad to have **Mildred Miller** back to work after her recent illness . . . **Seaman Eva Roethermel**, daughter of Mrs. Zita Roethermel, is home on a 14-day furlough. Seaman Roethermel is stationed at Great Lakes, Ill. . . **Phil Larus** made a lucky "catch" while attending the Cleveland Browns-New York Giants gridiron battle December 6. He caught one of the footballs kicked into the end zone and later had it signed by **Otto Graham**, **Ken Gorgal**, **Walt Michaels** and **George Ratterman**.

Transportation

Best wishes for a speedy recovery are sent to **Walter "Foxy" Sands** and **T. S. Miller** both of whom are hospitalized due to surgery. Homesick for the hills and coal mines of Crescent, Pa., **J. V. Adams**, railroad conductor, recently took a "bus-man's holiday." While visiting his old home town he loaded three coal cars and came back to work cured and happy . . . **John Richards**, truck driver, recently enjoyed a week's vacation.

Ammunition Inspection

Walter Tymcio and **William Carroll** recently enjoyed a hunting trip in Pennsylvania . . . **J. H. Roberts**, **George Fox** and **William Deaver** were among the Ohio hunters "on the prowl." They got the limit on rabbits and birds! It was good to hear this since hunting results were practically nil in Trumbull county . . . We're glad to have **William Collopy** back to work after his bad seige of "mumps" . . . **Forrest Cummins'** daughter, **Barbara Jean**, was married to **Lester Pol** of Palmyra on November 25. They are presently on a honeymoon trip in New York state.

Nationwide Food Service

Best wishes for a speedy recovery are sent to **Emma Lovy**. Nationwide employees presented **Charlie Capeland** with a surprise birthday present—a new jacket . . . Welcome to our new employees, **Ada Wilson**, Main Cafeteria, and **Carrie Sole**, Line Two . . . Good luck wishes to **Anna Sundling** who recently moved to Michigan. We're sorry that it was necessary for **Dessie Swecker** to resign, due to illness in the family.

Production Offices

Alois Burnette was honored at a "pink and blue" baby shower December 30. She received many lovely gifts from the 25 friends who attended.

Ordnance Staff

Earl Barnett is spending a two-week vacation visiting his father in California . . . Congratulations to **F. F. Fludine** on the arrival of his fourth grandson. The parents of the new baby are Mr. and Mrs. **Edwin Oldack**. Mr. Oldack was a former Ordnance employee . . . Hearty get well wishes are sent to **Harold Kline's** daughter, **Diane**, who is confined in Robinson Memorial hospital . . . Our deepest sympathy is extended to **Emmie Slimak** on the recent death of her grandfather. Sporting a brand new Cadillac—light blue with dark blue top—is **Jimmy Cooper** . . . Christmas guests of **Estella Dustman** will be her son, Staff Sgt. **Ray Calvin**, his wife and daughter of Fort Campbell, Ky. . . We wish to welcome **Eugene Smith** who recently joined the Signal office, and **Joseph Osborne** who has returned to the Arsenal as a member of the Operations division . . . **Florence Dingley** and **Maida Ricker** are enjoying a week's vacation at home preparing for Christmas.

Ammonium Nitrate Line

Best wishes for a speedy recovery are sent to **Alva Davis** who has been ill with the "flu" for the past month . . . Get well wishes also to **Howard Kiehmeyer**, confined to the hospital for surgery . . . **Harold Leamer** and **Bill Huffman** spent their vacations hunting. The only things they brought back, however, were stories and tales of their experiences.

Renovated Shell Comes Home



EXAMINING a spent 90mm cartridge case that was renovated on the A. N. Line in 1950 and recently returned to the Arsenal are **Ted Gedeon** (left), Line Superintendent from Phalanx Station, and **Charles E. Thorn**, a working supervisor from Kent. The shell, one of several found among the thousands shipped to this installation to be re-claimed, still had our R-RVA-50 stencil marking on it. The 90mm case was re-loaded in 1951, shipped overseas, fired a second time and returned here in 1953.

Suggestions And Safety Helps Your Cost Control Program

Cost control not only deals with the saving of material, but with the conservation and utilization of human time and energy.

This is the second of a series on the two major items—materials and labor—that contribute to the operating cost of Ravenna Arsenal. The following are examples of how each employee can practice Cost Control every day and thus reduce costs.

Be on the job promptly at starting time and work until quitting time. If machines or equipment break down or are not working properly, report it to your supervisor immediately, and find something else to do while the equipment is being repaired.

Eliminate all unnecessary steps and all useless handling of materials. Above all, be sure the right materials and tools are used for the job assigned.

USE EQUIPMENT and materials only for the purpose for which they were intended. Keep equipment clean and properly lubricated. Utilize material in such a way as to avoid wasteful scraps, and return unused material to the storeroom for proper storage.

Two other factors contribute greatly to reducing costs—the adoption of safe practices and habits, and participation in the Arsenal's Suggestion System.

A worker injured on the job suffers loss of take home pay in addition to the pain and misery caused by the injury. Indirectly, he must also help pay the bill to train an inexperienced worker to fill his job. Also, the medical expenses come out of the taxes he pays. Act safely—it's cheaper in the long run.

Besides the monetary reward received from adopted suggestions, employees help the Treasury de-

Arsenalites in the Armed Forces

Former Process Inspector **Robert Kauffman** writes that even though his "work location" has changed, he is still handling Arsenal-loaded 155mm shells. Pvt. **Kauffman** also asked to be remembered to all his friends and former co-workers. His new address is: Pvt. Robert Kauffman, US-52344892, Btry. B, 54th Airborne FA Bn., Fort Campbell, Ky.

Medley of Christmas Carols on Dec. 21

Voice of Firestone

A medley of Christmas carols will open the December 21 simulcast of the Voice of Firestone with Eleanor Steber as guest star. Miss Steber and the Firestone Chorus will combine to sing "Silent Night" and "Adeste Fideles." She will also sing "The Friendly Beasts" and "Alleluja" from "Exsultate Jubilate."

The Firestone Orchestra under the direction of Howard Barlow will present Tchaikovsky's "Dance de la Fee-Dragee" from the "Nutcracker Suite" and the "Waltz" from "Hansel and Gretel."

Nadine Conner and George London will guest star on the December 28 program. Together they will sing "Make Believe" from "Show Boat" and "Will You Remember" from "Maytime."

Miss Conner will also sing "O Mio Babbino Caro" from "Gianni Schicci" and Donaldson's "Romance." The Firestone Orchestra will play Mendelssohn's "Wedding March" from "Midsummer Night's Dream," and Mr. London will sing "In the Town of Kazan" from "Boris Godunoff" and "Oh, What a Beautiful Morning."

Free Offer -- All Season Caps!

An unlimited supply of "all season caps" guaranteed for a lifetime and never out of style are available to all Arsenal employees.

A few of the caps are slightly used, but most are brand new. However, the used ones are the best.

When properly worn, the cap produces amazing results. It helps buy new cars, pays for vacations, purchases new clothes for the family, makes your job better, safer and easier, and earns the respect and admiration of those around you.

CAUTION—When choosing your cap, be sure it fits and does not cover the eyes or ears. If the cap is to be useful it must be worn properly—with eyes and ears open.

HURRY—Get your "Thinking Cap" today!

Meet Your Reporters

Chief reporter for Load Line Four is **Winnifred Henderson**, a native of Cleveland. Win attended high school in Cleveland Heights



HENDERSON and **Shaker Heights**. She started working at the Arsenal in October 1950 as a clerk-typist in the Line One office, later transferred to Line Three. When Line Four was opened in September this year, she started her present job as senior clerk in the line office. Win plays the piano in her spare time and especially enjoys teaching her four children to sing and dance.

Aiding Win in collecting the day shift news on Line Four are **Isabel Horn**, **Loretta Herman** and **Elsie Philipp**.

A native of Niles, **Isabel Horn**, now makes her home at the Arsenal with her daughter, **Barbara Ann Dell**, stenographer to V. C. Bloomer, Office Manager.



HORN now Four. Mrs. Horn is the NEWS reporter in Department 91. After

graduating from Niles high school where she was a member of the school paper reportorial staff, Mrs. Horn attended the Dana school of music and studied piano. She enjoys raising flowers and rug making as an avocation.

Covering Department 92 for the Arsenal NEWS is **Loretta Herman**, an Arsenal employee since October 1951 when she began working on



HERMAN Line Three. Loretta has the profitable and interesting hobbies of sewing her own clothing and making costume jewelry. A native of Salem, she is married and has one daughter. This is her first experience in news reporting.

Elsie Philipp, who claims Cuyahoga Falls as her home town, now lives with her husband and two daughters in Ravenna. Elsie, who is gaining her first knowledge in news reporting, is an explosives operator in Department 93 Line Four. She began working at the Arsenal in September 1950 at 1-B-6, Fuze and Booster area.



PHILIPP Through operational transfers she also worked in the Depot and on Line Three. Elsie likes to dance and crochet in her spare time.