

Eight Nike Sites Seen Near Here by 1957

The Army expects to have eight Nike sites in the Greater Cleveland area in operation by the end of the year.

Col. Henry P. van Ormer, Commander of the 67th AAA Group, who is in charge of the guided missile defenses in Northeastern Ohio, said the sites would form a ring around Cleveland.

Scheduled for completion in September, the Crile site would be housing for Nike personnel to be stationed in the area.

Family units would have to be located within 10 minutes of a Nike station, he said, and added that the Army will not pay more than \$150 a month for single family quarters.

He said the Army expects to lease about 30 houses for each site, or a total of 240, with leases running from one to 10 years.

Side Glances

(Continued from Page 5)

burgh over the holidays was Fred Cooper and family, while the Bill Bowers went to New Castle to visit their daughter and family . . . Martha Spahn enjoyed a week just "loafing" at home.

Engineering

Jack Streeter was sworn in as the new mayor of Hiram on January 2. Jack recently was the victim of an unusual accident when he broke a finger on his left hand while bowling. It doesn't hinder his bowling however — luckily he's right handed!

Another "victim" who didn't fare so well was Harry Williams. First of all, Harry slipped on the ice and fell onto a wheelbarrow while he was using for "ashing" icy walks and the driveway around his home. He broke two ribs. A few days later he came down with pneumonia and was confined in Ravenna hospital for several weeks. We think there'll be a happy ending, however, because Harry will be back to work next week.

A note of thanks to the personnel and manager of the Main Commissary for the lovely luncheon the department held on December 15. We had the very best of service and the food was delicious. Special guests were Colonel Scott and Mr. Krenkel.

Best wishes are extended to Warner Radcliff who is in a West Virginia hospital for surgery . . . A recent business visitor to OAC was Bill Bowser . . . Ernie Clabaugh is touring the southern states and continuing on to Florida.

George Baker will be back soon from a long holiday in Florida . . . Russ Klingerman left for the holidays to visit his daughter in California.

Ordnance Staff

Wishes for a pleasant journey to Dottie Trahan who left for Germany January 16 to join her husband, Lee, and to Chuck Kebl who has gone to Fairbanks, Alaska on civilian duty with the Air Force.

Vacationers during the past month were the Paul Dalys in Chicago visiting their daughter and son-in-law; Arlie Sidler who spent two enjoyable weeks in Miami; and Edith Cook who spent two weeks caring for her mother who was hurt in a fall . . . The C. R. Kennings spent Christmas in St. Louis visiting their son and family.

Rhea Oswalt transferred from the Inspection Division to the Fiscal Branch . . . Here's hoping Elmer Canfield will have a speedy recovery. He is in Crile Hospital for medical treatment.

Glad to see Harold Gray back to work and looking well after two month's absence due to a serious operation . . . Jim Hensley is attending school for two weeks on Ordnance Safety at the University of Louisville, Ky . . . That new push button, red and white Plymouth everyone is raving about belongs to Janet Witherstay.

Edward "Skippy" Ruben, son of Elsie and Carroll, has been discharged from military service and is planning to attend Kent State University next term.

Employment Building

Our deepest sympathy is extended to Don Anderson on the death of his mother, and to Larry Grafton whose mother-in-law passed away . . . It's nice to see Charlie Alderson back to work after his lengthy illness.

Visiting his parents at Fort Smith, Ark. was Dr. A. L. Knight and his family . . . Cobey Jenkins enjoyed vacationing in New York and New Jersey visiting relatives.

Load Line Three

Best wishes are extended to Mary Traylor who has been ill . . . Will Buchanan is back to work after a pleasant vacation in sunny Florida.

A speedy recovery is wished for Henry Griffin who is ill . . . The recent deer hunting season proved profitable for three girls from Department 86. Kate Breault, Hazel Betts and Marion O'Brien each "bagged" a deer.

Nationwide Food Service

Visiting her daughter and son-in-law in Newark was Florence Beaver . . . Ola Riggs' mother recently celebrated her 88th birthday anniversary . . . Welcome to Pearl Packett's sister, Bertha Wilkinson of Warren, who is now employed here in Line Three cafeteria.

Ethel Bulvony and Marie Quinby attended the Blue Star Mothers banquet on December 1.

Guard Force

Congratulations to Capt. S. C. Casbourne who completed his 15th year at the Arsenal on November 18 . . . Get well wishes are sent to Jo Anne Greathouse, daughter of Ralph, who is now recovering from an operation.

Moving from Warren to House EE-99 at the Arsenal were Mr. and Mrs. David Fineman and sons David Jr. and Michael . . . Welcome back to Frank Sears after making a speedy recovery from a recent operation.

Mr. and Mrs. Louis J. Blake spent their Christmas vacation visiting in their hometown of Washington, Pa. . . . Our deepest sympathy to Ray Byers on the death of his father, Ora E. Byers of Salem . . . An enjoyable two week's vacation was spent by George and Jayne Waller.

Group Six Trips Inspection 52-49 In Fast Action Ball Game

In the fastest, best played game to date in industrial basketball, Group Six came from behind in the last two minutes of play to trip the Inspection squad, 52-49.

At the end of the first quarter Group Six led 16-13 thanks to some excellent rebounding by their center Jim Warren who scored eight points in the quarter.

The scoring continued at a fast pace during the second quarter as the Inspection team managed to match their taller opponents point for point. Kenny Flesher scored eight points in the second round to pace Group Six.

IN THE THIRD quarter Bob Kaufman and Jim Hughes sparked Inspection to a five point lead with 5 and 8 points respectively.

Both teams matched baskets for the greater part of the last quarter and with two minutes to play, the Inspectors still had a three point lead, 49-46. Rather than try to stall out the clock, Inspection chose to try to score, missed, and Group Six got the rebound. Ned Kamer was fouled and made two shots to bring Group Six within

one point, 48-49.

The Inspectors brought the ball down court and it was promptly stolen by Booty Lohr who drove in the basket that put Group Six in the lead, 50-49.

That was the ball game as far as their opponents were concerned. They had two other scoring opportunities, missed each and bouted Lohr in an attempt to gain possession of the ball. Of course Booty made the two free throws.

Members of both teams are to be complimented on their excellent display of good sportsmanship during this close and exciting contest.

In other league action, a second-half rally led by Bill Cox and Jim Arnold brought the Bolton Barners from a one-point deficit to a nine point victory over Roads and Grounds. The 67th Group led all the way when they trounced the

Leftovers 38-18. Point scores follow.

67th Group	— 38	Leftovers	— 18
Player	G. F. T. Player	G. F. T. Player	G. F. T.
Puerst	1 0 2 Scott	0 1 2	
Teter	7 2 16 Spaulding	1 1 3	
Nelson	2 1 5 Lemon	5 3 13	
Addis	4 3 11 Moore	0 0 0	
Seary	1 0 2 A. Burketh	0 0 0	
Buchman	0 0 0 H. Burketh	0 0 0	
Diehl	0 0 0 Johnson	0 0 0	
Davis	1 0 2		
Biltzstein	0 0 0		
Hansley	0 0 0		

R & G	— 28	B. Barn	— 37
Player	G. F. T. Player	G. F. T. Player	G. F. T.
H. Horner	3 3 9 Clark	2 4 10	
Porter	3 4 10 Brown	0 0 0	
L. Horner	1 3 5 Arnold	2 4 8	
Purdy	0 0 0 Peoples	2 4 8	
Kimes	1 0 2 Humphrey	0 0 2	
Nichols	0 0 0 Burky	0 0 0	
Janks	2 1 5 Edwards	2 0 4	
Ryan	1 0 2 Cox	5 0 12	

Group Six	— 52	Inspection	— 49
Player	G. F. T. Player	G. F. T. Player	G. F. T.
Lohr	2 4 8 Kaufman	3 4 10	
Kamer	4 5 13 Hughes	7 2 16	
Warren	4 1 9 Poole	1 0 2	
Flesher	7 3 17 Bruton	3 1 7	
Ruble	2 1 5 Buchanan	2 0 4	
Benson	0 0 0	5 0 10	

Changed His Mind And Waited For Friday the 13th!

In the Thanksgiving 1955 issue of the NEWS it was reported incorrectly that Dan Marginen retired November 26.

Dan, a handyman in the Depot Dunnage Shop, changed his mind about his last day, in order to complete a work cycle that began and ended on a strange day — Friday the 13th.

Mr. Marginen began working at Ravenna Arsenal on January 13, 1942 — Friday the 13th. And completed his work cycle by retiring January 13, which was also that fated day.

Dan said some people may be superstitious about the date, but to him it's always brought good luck. Born in Rumania 72 years ago, Dan's snappy eyes and quick step deny his age. He thinks that in the future it "will be nice to just take it easy and work about the house."

During an eight hour day of normal reading, if you read at average speed, your eyes move about one and one-third miles along lines of print.

Heritage, Chamberlin Hit High In Holiday Bowling Tourney

Elizabeth Heritage and John Chamberlin copped first place and \$25 in the mixed doubles event of the Holiday Bowling Tournament when they racked up a total of 1,289 pins. First place and \$25 in the men's doubles event went to John Talkowski and Chuck McDonald.

Leona Lee and John Cannon fell ed 1,242 pins to take second place in the mixed doubles event while Bob Medallis and Virgil Hudson scored 1,292 pins for second place in the men's doubles.

THIRD PLACE in the men's doubles went to Joe Clark and Virgil Hudson with a total of 1,283 pins, and Jane Mesko and Bill Tindlin knocked down 1,239 pins for third place in mixed doubles.

Remaining mixed doubles winners and their total pins are: 4th — W. Bowers-J. Bowers, 1,232; 5th — L. Williams-B. Williams, 1,213; 6th — D. Waltz-J. Talkowski, 1,210; 6th — A. Barker-L. Grafton, 1,231.

* * *



HOLIDAY TOURNEY WINNERS — Chuck McDonald, John Talkowski, John Chamberlin and Elizabeth Heritage smile as they check the scores which gave them the lead in the Holiday Bowling Tournament.

The man who goes away, dies a little. The man who returns knows what it is to be a ghost.

RAVENNA ARSENAL NEWS

Exercise kills germs but the trick is to get the darn things to exercise!

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RAVENNA ARSENAL, INC., APCO, OHIO

January, 1956

Leader Of Brotherhood Week

Harvey S. Firestone Jr., Company Chairman, is serving as national chairman of Brotherhood Week, to be observed February 19-26. Serving with Mr. Firestone as vice-chairman is Louis B. Seltzer, editor of the Cleveland Press.

In these posts, Mr. Firestone and Mr. Seltzer will lead the nation in the 23rd celebration of Brotherhood Week, sponsored by the National Conference of Christians and Jews.

BROTHERHOOD WEEK was first suggested in 1934 by Monsignor Hugh McMenamin, a Catholic priest of Denver, who proposed

of all religious groups in the United States be invited to consider together the need and implications of the brotherhood ideal.

In enlisting national cooperation, the two chairmen are enrolling leadership for Brotherhood Week committees representing schools and colleges, churches and synagogues, community groups, labor-management agencies and media of mass communications.

IN 1951 AND 1952 Mr. Firestone served as co-chairman of the Religious Organizations Committee for Brotherhood Week, receiving the brotherhood award for his "contributions to better human relations."

While Mr. Firestone was in West Africa near the close of 1955, the University of Liberia, at a special convocation, conferred upon him the Honorary Degree of Doctor of Laws. The citation for the honor said the award was made "In recognition of the services of Mr. Firestone to humanity; his devotion to the democratic ideals of our civilization; his services to the Republic of Liberia; and his abiding interest in our Highest National Institution of Learning."



that the National Conference of Christians and Jews organize a special program when the people

Arsenal Demolition Blasts Studied By University of Utah

A study of the effect of air and ground blast shock from the demolition of various types of ammunition at the Arsenal has been completed.

The experiments were conducted by the Explosives Research Group of the University of Utah.

This group has been signed to a contract by the Ordnance Corps to investigate the intensity of air and ground shock associated with demolition at a specified list of Ordnance Depots.

H. J. Allen, a research chemist and a graduate of the University of Utah, and Robert Doelle, coordinator of the research group and also a Utah graduate, were in charge of the experiments. They were aided by members of both the Ordnance and RAI staffs.

THE STUDY, which was initiated by Arsenal officials, was primarily to insure that demolition activities at the Arsenal are not causing property damage in nearby areas.

To accomplish this, the experiments included the investigation of air and ground blast intensities under adverse conditions or when such shocks would be maximum to establish a top limit on the size of explosive charge which may be safely fired under good weather conditions.

Recommendations were also made as to development for methods for future activities to the forecasting air shock strength in localities adjacent to the demolition range.

Repeated experiments, according to the research leaders, proved that with maximum charges permitted at the Arsenal, no damage due to ground shock could occur at over 5,000 feet.

COMPLETED RESULTS cannot be determined until all findings are evaluated at the research center. However, residents who live close enough to the Arsenal to feel and hear demolition blasts, may be assured that top limits on charges are being observed and that damage will not result from such activities.

Mr. Doelle, in a final meeting with Arsenal officials, emphasized the psychological effect of noise and air blast which usually accompanies demolition. When temperature conditions are just right these

factors are sometimes intensified with the result that residents in nearby areas are convinced that larger charges are being exploded and that damage is being done.

This is not true as repeated checks with instruments have proven. Mr. Doelle said that at none of the Ordnance plants checked, have they ever found ground or air blast shock great enough to do damage to houses or buildings.

Here at Ravenna Arsenal, the same is found to be true. All complaint areas have been thoroughly checked and all can be reassured that damage will not result from demolition activities.

COL. T. M. SCOTT, Commanding Officer, and H. M. Krenkel, General Manager, both point out that the destruction of ammunition as it deteriorates is a controlled method of eliminating faulty explosives which, if permitted to accumulate, could explode spontaneously at the cost of many lives.

The research group uses many sensitive and costly instruments in making such studies. Mr. Allen, in commenting on sensitivity, described the geophone, a seismatic instrument.

(Continued on page 4)



SAFE WORKERS — Employees of Load Line Three recently were presented a safety award on completion of 500 days without a lost time injury. This 500 day mark was reached in November and on the date of presentation, the entire Arsenal had worked 1,070,719 man-hours since the last lost time accident. Line Three has not had a lost time accident since the line was mechanized.

Identified in the picture are G. R. Carley, Line Superintendent, C. F. Craver, Safety Manager; Ozell Clark, Rosalee Scott, George Ryles, James Metcalf, Ray Price, Chris Scrutchings, Gladys Evanovich, Marion O'Brien, Vera Ardis, James

Belcher, Gerald Murray, Mary Grayer, Henry Griffin, William Forgas, Lewis Parker, Helena Hill, Anna Swartz, Oliver Joiner, George Shultz, Catherine Breault, James Lamb, Hazel Betts, Carl Gibson, Roland Johns, Patrick Cooper, Granville McVicker, Howard Small, Ellis Wilson, James Lumadue, and Kermit Parkins.

Also, Charles Mason, James McCants, William Cook, Stephen Kolarsky, Conrad Heim, John Dokes, Jerry Bachus, Arthur Waite, William Booker, Garland Branch, Donald Perry, Inell Brimmer, Howard Curtis, Wilbur Williams, Bernard Pospichel, Willie Purnell, Robert Milan, Elizabeth Keller, David Bartlett, James Hughes, Robert McGruder, George Reckner, John Carroll, and Estell Rogers.

Love's Old Sweet Song . . .



Things that grow better with age — a good marriage, a United States Savings Bond.

This couple, looking through their old-fashioned stereoscope on romantic scenes of younger days, amuse themselves "screening" a \$100 Savings Bond, bought years ago on Valentine's Day, maturing now.

Love's old sweet song — confidence, in each other, in the U. S. security which makes the older years serene and good. How about marking Valentine's Day this year with a Savings Bond for future happiness?

Telephone Manners Are Good Public Relations

Ever realize that you can be one of the top public relations people at Ravenna Arsenal? Well, you can!

When someone calls you on the telephone, as far as he's concerned, you are the Company. And if you sound cheerful, clear and interested, his attitude toward the Company will be a good one.

Below are a few helpful "do's and don'ts." After reading them carefully, if you decide your telephone etiquette is perfect, congratulations.

If not, why not try to improve? Your telephone etiquette, after all, is sometimes the only way people can judge you — and their favorable judgment can mean dollars and cents to you and the Company. So let's talk business.

Be Easy To Trace

When you leave your office for any length of time, don't keep your absence a secret. Someone may call for information which only you can give. So let it be known where you can be reached, how long you'll be there and when you'll be back. That way, if someone calls, whoever answers won't have to embark on an office-to-office manhunt. Time is money, so when you leave, leave word.

Don't Kick A Caller Around

Nothing is more irritating than "the telephone runaround" — being kicked from one extension to another. When you get a call, handle it if you can. If you can't, tell the caller you'll transfer him to the right party. Then do it — with all the promptness and care you would expect of someone else. It's worthwhile treating all calls as important. Most of them are!

Tell The World Who You Are

If you want to save time, and sound businesslike,

like, too, tell your caller right off the bat who you are. "Sales Department, John Brown speaking," sounds efficient, saves your time and your caller's. "Yes" or "hello" mean nothing.

People Are Proud

Most people are like the rest of us — in love with their own names and titles. So where you can, use them frequently. "Professor," "Colonel," "Doctor" — even the simple "Mr." or "Mrs.," followed by the name is sweet music to their ears. Try to interweave titles generously with other expressions of courtesy and respect. "Thank you." "Sorry." "I beg your pardon."

Unless you're calling to foreclose the mortgage or borrow \$50, you can't miss having your call remembered pleasantly. And pleasant association — goodwill — is the cornerstone of good business. That's important to you, too, because you can be one of the top public relations people in the Company.

Don't Trust To Memory

If there's a message, write it down. Even if there's no message, make a note of who called and what time. If the caller would like his call returned, be sure to get his name and number accurately. Your handling of telephone messages is a mark of your efficiency.

(Thanks to Donald Clinton Power, President of General Telephone Corporation, for these telephone tips.)

Just Passing Through

We've accumulated a few little items we thought you might like to read. Herewith are some!

"What is home?" was a question asked by a London magazine many years ago. Answers totaling 800 were received by the editor, and out of these the best seven were selected and published. They follow:

"Home — a world of strife shut out, a world of love shut in."

"Home — the place where the small are great and the great are small."

"Home — the father's kingdom, the mother's world, and the child's paradise."

"Home — the place where we grumble the most and are treated the best."

"Home — the center of our affections, round which our heart's best wishes twine."

"Home — the place where our stomachs get three square meals a day and our hearts a thousand."

"Home — the only place on earth where the faults and failings of humanity are hidden under the sweet mantle of charity."

Here's an excerpt from a poem entitled "Work Safely" by Paul Orr and reprinted from The Sunflower Planet:

"With ten good fingers and ten good toes,
Two good eyes, and a one-piece nose,
Just how we'll keep them, God only knows,
If we don't WORK SAFELY."

Pretty good thoughts, these. Better keep 'em in mind.

Wondering what to do with all the magazines that collect in your house every month? Well, here's an answer, and a good one!

A "Magazine for Friendship" headquarters has been established at Occidental College in Los Angeles, Calif. The purpose being to acquaint people in foreign countries with democracy by sending them magazines to read.

You can obtain names and addresses by writing to the headquarters. Why not try it? You'll be helping yourself and your country.

One last thought for the day: it takes only 11 muscles to smile, while it takes 63 to frown!

—D.N.B.

You're Part Of The Total

Wherever you're working in office or shop, and however far you may be from the top, although you may think you're just treading the mill, don't ever belittle the job that you fill.

For however small your job may appear, you're just as important as any small gear that meshes with others in some machine, and helps keep it going, though never is seen.

They could do without you, of course, we'll admit, business even keeps on when the big fellows quit. So always remember, my lad, if you can, that the job's more important (O, yes!) than the man.

So if it's your hope to stay off the shelf, think more of your job than you do of yourself. Your job is important, don't think it is not, so try hard to give it the best that you've got.

And don't ever think you're of little account, remember you're part of the total amount. If you were not needed, you wouldn't be there, so always, my boy, keep your chin in the air.

Mechanic, dispatcher, typist or clerk, think well of your firm, yourself, and your work!

—Rays of Sunshine.

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Fire Department — Harold Cleveland.
Guard Force — Louis J. Blake.
Nationwide Food Service — Eva Snyder.

Side Glances

Load Line One

We point with pride to 11 Line One employees who had perfect attendance records for 1955. Hats off to John Lilly, Lewis Braucher, Norman Brisker, Willie Carpenter, Kermit Ferguson, Frank Gregory, James Griffin, John Smith, Ernest While, Hallaman Williams and Mary Kennedy.

Congratulations to **Andy Flegal** who donated his eighth pint of blood at the last Bloodmobile visit . . . Get well wishes are sent to **Dorothy Shaw** who has been ill with the flu for several days.

Load Line Two

Our deepest sympathy is extended to **Marion Glazer** on the death of his uncle . . . Welcome to **Ralph Drugan**, foreman of DB-3, who returned **Joseph Liebmann**. Mr. Liebmann returned to the Akron Plant Foster Lewis enjoyed the holiday season by visiting his daughter and son-in-law, Major and Mrs. L. J. Vohs, at Maxwell Air Base in Montgomery, Ala. . . . Spending their vacations at home were **Ivan Burketh** and **William Marsh**.

Scrap and Salvage

Emory Cottrell, a proud new father, spent his vacation at home taking care of the house . . . **Dyck Schmidt** vacationed over the Christmas holidays, while **Everett McCoy** spent Christmas weekend in West Virginia . . . In Pennsylvania for Christmas weekend was **Virginia Parks**.

General Stores

Accidents and sickness seem to be very active at this time of year. **Pete Policano**, Building 808, has a broken jaw, and **Edward Govern**, Building 44-50, has a broken arm. Both are the results of automobile accidents . . . **Jay Lemon** was in the hospital for observation. Recovery wishes are sent to him.

Our deepest sympathy to **Grace Sells** on the recent death of her father . . . **Lillian** and **Dick Bowman** had their daughter and family from Midland, Mich., and their son and family from Newton Falls with them for Christmas.

Comptroller's Division

Mr. and Mrs. **L. B. Humphrey** are now making their home in Cuyahoga Falls . . . Recently visiting his father in Johnstown, Pa., was **Ray Williams** . . . **Bea Shaffer** enjoyed her vacation "working around the house" . . . **Stationery Stores** and **Steno Pool** held a farewell dinner January 3 for **Violet Heritage** who is now attending Kent State University.

Depot Area

Old timers here are **Chet Liddle**, 15 years on December 7; **Ray Rogers**, 14 years on December 7; and **Minor Koplin** who completed 14 years on January 5. Congratulations!

Nancy Kayser enjoyed a vacation Christmas week as did **Kenneth Barr** who spent his time traveling through Pennsylvania . . . **Joe Garro** also vacationed over the holidays, while **Earl Stonestreet** took the opportunity to journey to West Virginia to revisit old nooks and "hollers." **Dick Legros** of U-5 enjoyed the sunshine around West Palm Beach, Fla. . . . **Carl Schellenger**, formerly Chief of Inspection here, dropped in to visit old acquaintances during the holidays, as did **O. E. "Gene" Stamm**, who for the past three years was in Japan, and recently at Savannah, Ill.

Ben Bradley and **Santos Garro** have returned to work following several days off with severe colds . . . **John Dixon** is now on the sick list.

Janitor Service

Welcome back to **Bill Dennis** who vacationed in the windy city of Chicago visiting his brother . . . **Rudy Howard** is also back to work after a two week's vacation in New York City visiting his sister.

Best wishes for a speedy recovery to **Willie Morris** who has been ill for quite some time . . . **Charley Hoehn** is spending his vacation at home working on a "do-it-yourself" project.

O. A. Moodie and family attended a birthday party for his mother in Bedford. Mr. Moodie also celebrated a birthday anniversary recently.

Birthday congratulations to **Ray Burkholder's** son, "Butch." Ray has been "batching it" while his wife is in Florida due to the death of her aunt . . . **Dean Norman** is also doing his own cooking while his wife and sister are visiting in West Virginia.

Thought for the day — when a child prays for his father's safe return, isn't it time you think of safety, too?

Transportation

A. B. Rice, foreman of the Body Shop, completed 15 years of vice at the Arsenal on December 15, and **Clarence McKnight** com- 15 years January 4. Congratulations, gentlemen!

Vacationers for the month of December included **Clarence McKnight** and **Howard Duvall**. Both spent their vacations at home relaxing and visiting friends in neighboring communities.

John Mayer has been boasting that in February he will be the father of twins — read the next issue of the NEWS to see if John's chest expands or contracts!

We're sorry to hear that **Leona Lee** is in Trumbull Memorial Hospital. Hope she recovers soon . . . "Pete" Alderman is presently on vacation . . . We received a letter from former employee **Shelia Clinger**. She is working at Case University and enjoying it very much.

(Editor's Note: Our thanks to **Jeanette Bell** for "filling in" while **Garage reporter Lillian Bosko** is vacationing.)

C. W. Coulter, Railroad Yards, was a "grandpa" again on December 21 . . . Get well wishes to **George Eaton** who has been ill for two months . . . Our deepest sympathy to **F. S. Raymer** whose mother passed away recently.

Alex Ricci vacationed during the holidays. As of March 3 Alex has been at the Arsenal for 15 years. Advance congratulations!

Sally Payovitch and husband spent Christmas weekend in Cadiz where they visited their families. New Year's weekend found them in Alquiappa, Pa., visiting relatives.

Charlene McCurdy and her fiancé enjoyed a trip to Mt. Vernon over the holidays to visit his parents . . . Visiting relatives in Pitts-

(Continued on Page 6)



Prescriptions For Better Living

How To Live 365 Days A Year

Recently a hard-working grocer sat across the desk from Dr. John A. Schindler at the Monroe (Wis.) Clinic. Troubled and confused, he described the constant stomach pains which seemed to grow worse each day.

His pains were real enough, but he soon learned from the prominent physician that they were not the result of any basic physical disorders.

He suffered from an emotionally induced illness.

Dr. Schindler noted that the grocer worked in fierce competition with several large chain stores. Moreover, he had a nagging wife and a son who was getting into serious trouble. He suffered with the pain most of the time.

HOWEVER, twice a year he went on a fishing trip to the country north of his home. Then the pain stopped. It did not return until two weeks later when he first caught sight of the courthouse tower in his hometown. Then the pain began again.

The grocer admitted to Dr. Schindler that he had always liked the country where he vacationed. In fact, he had always wanted to live there and, when he reached the area, he had a feeling of well-being for the first time in months. His ailment left with the disappearance of unsound emotions.

The emotional muscle pain in the grocer's stomach is just one example of illness brought on by poor emotions, stressed Dr. Schindler. He said more than 50 percent of those suffering from headaches, backaches, pains and other common disorders have illnesses induced by emotional disturbances.

HEALTH and happiness are evading most of us because of poor emotions, he continued. Yet, it is completely possible to live happily. Dr. Schindler's method—the "learning-maturity" concept — is

based on the theory of substituting thinking that creates healthy emotions whenever stress making emotions become evident.

"Practice thought control. When you catch yourself starting a stressing emotion like worry, anxiety, fear or discouragement, stop it. Substitute a healthy emotion like courage, determination, or cheerfulness."

"Life is wonderful if you allow it to be," Dr. Schindler points out. "It is idiotic to think you can be calm and cheerful all the time, but it is possible most of the time."

There are six basic needs — six wants — that must be fulfilled if man will live happily. If they are not being satisfied, there are methods through which we can gain these ends.

"If you lack love and affection from others, give more than your share to other human beings.

"If you lack security, there is no use adding to a bad situation, keep your emotions healthy.

"If you lack creative expression, to do it, nothing is holding you.

"If you lack recognition, give recognition to others. Some of it will come back.

"If you need new experiences, go and get them. Be planning something all the time.

"If you have lost self-esteem, remember this: you are as good as I am; you and I am just as good as they are, God bless them."

Healthy, happy living is just within reach. Keep one central thought in mind, Dr. Schindler reminds us: "I am going to keep my attitude and thinking calm and cheerful — right now."

Ladies Club Brings Jo Portaro To Style Show On March 14

Well, girls, here's your chance!

On March 14 the Ravenna Arsenal Ladies Club is presenting a style show with the No. 1 attraction being famed glamour consultant Jo Portaro.

Female readers will be well acquainted with Mr. Portaro's remarkable hair styling feats through his weekly television shows, and as "proof of the pudding" we bring you Millie Matchett of the Comptrollers Division.

Mrs. Matchett recently decided she would like to improve her appearance and "do something" with her hair — familiar phrase to us women. She made an appointment with Mr. Portaro, appeared on his television program twice, and came back looking like a new person.

The pictures show how he changed her high pompadour and long, tightly curled hair-do to a softly feminine style with short, wispy younger-looking curls. He also changed her eyebrows and makeup.

Perhaps Mr. Portaro will solve your beauty problem when he appears here in March. The program will be held in the Recreation Building and tickets are \$1. Tickets can be obtained from Mrs. Mildred McEwen, Extension 8291.

CRACK DOWN ON DRIVERS

Mounting auto deaths have caused the governor of Connecticut to take drastic action.

Gov. Abraham Ribicoff has ordered law enforcement authorities in the Nutmeg state to suspend the licenses of speeders — even if it is only their first offense.

For -- Family Living



COLD WEATHER COTTONS

for the gal on the go. Here's a pencil slim corduroy suit by Juniorite to perk up your winter wardrobe. The "skeet" jacket, copied from a hunter's design, is lined in printed cotton matched to the blouse.

Engagements

PROCTOR-BALAZS

The engagement of Miss Patricia Ann Proctor and John Anthony Balazs is announced by her parents, Mr. and Mrs. Simpson Proctor of Ravenna.

The bride-elect, a graduate of Ravenna High School, is a senior at Kent State University. She is a member of Kappa Delta Pi, an education honorary, and Laurels, the senior women's honorary. Her father is Ordnance Public Information Officer at the Arsenal.

Mr. Balazs is the foster son of Seth Nickens of Columbus. He is a graduate of the Cleveland School of Art and Kent State University. He received his master's degree from Ohio State University and is now engaged as an instructor in the Industrial Arts Department of Kent State University.

The wedding will be an event of the coming spring.

ATHANS - GIOVINNAZO

Announcement is made of the engagement and approaching marriage of Miss Elbis Athans of Canton to Dominic Giovinnazzo of Ravenna.

The wedding will be an event of January 28 in the Greek Orthodox Church, Canton.

Burnet Hershey tells of a political science student who visited the Budapest public library and asked the information clerk where he could find the book: "Unselfish Assistance of the Soviet Union to World Peace."

"Under 'fairly tales'", was the reply.

You can join in the fight against Communism by sending your contribution to: Crusade for Freedom, Inc., 345 East 46th Street, New York 17.



Millie Matchett before



Same girl, but look at the difference.

Boy Scouts Celebrate 46th Anniversary, February 6-12

The nation's 4,100,000 Cub Scouts, Boy Scouts, Explorers, and adult leaders will launch their Four-Year Program, "Onward for God and My Country," during Boy Scout Week, February 6-12, marking their 46th anniversary.

Dr. Arthur A. Schuck, Chief Scout Executive, says the new program seeks "through organized and trained man power to give an increasingly better program to an increasing number of the nation's youth" and to "help today's youth to 'Be Prepared' as citizens of character, to be prepared in body, skill, spirit, will, and as a member of a team."

During Boy Scout Week plans will be completed for the strictly non-partisan 1956 National Get-Out-The-Vote Campaign which the Scout organization is sponsoring jointly with the Freedoms Foundation of Valley Forge.

Scouts distributed in 1952 more than 1,000,000 posters and placed 30,000,000 Liberty Bell doorknob hangers in their first nationwide get-out-the-vote effort. This effort

was said to be an important factor in the record turnout of sixty million voters.

BOY SCOUT WEEK is the largest annual single event observed by young citizens. Most of the 36,000 Cub Packs, with 1,430,000 members, will hold blue and gold pot luck banquets with each family bringing a part of the menu. These eight, nine, and ten-year-old members follow a home-centered program in their homes and backyards.

Most of the 54,000 Boy Scout troops, with 1,160,000 members 11, 12 and 13-years old, will celebrate with annual parents' and Scouts' dinners at which individual advancement and achievements will be recognized. They will also thank local organizations and parents whose support makes Scouting possible.

Explorers in the 14,000 Explorer units and in Explorer crews in troops, with their 440,000 members 14 years and older, will demonstrate before adults and their young people the outdoor, social, service and vocational elements of their program.

New Exemptions

Mr. and Mrs. J. C. Duer, Silver Lake, Akron, announce the arrival of a daughter, Nancy Jo, born on December 18. They also have three other children. Mr. Duer is Engineering Manager.

Mr. and Mrs. Sylvester Beasley are the proud parents of a baby girl, born December 1. She was named Karla Elaine and her father works in Building CB-10 on Line One.

Mr. and Mrs. Marion Glazer of Washington, Pa., announce the arrival of a baby girl on December 12. She weighed 5 lbs. 6 ozs., and was named Lucille Ann. Mr. Glazer, a father for the first time, works in Line Two X-ray.

The third boy, Tribo, was born to Mr. and Mrs. Josefices Rogers on December 21. He weighed 12 lbs. 8 ozs. Mr. Rogers works in Department 75 Line Two.

Norman and Juliette Truss welcomed the arrival of their third child January 8. Little Gregory Allen weighed in at 7 lbs. 12 ozs. Mr. Truss works in Department 65 Line One.

A new tax deduction arrived just in the nick of time for Mr. and Mrs. Emory Cottrell. Little Patricia Ann, who weighed 10 lbs. 8 ozs., made her appearance on December 31. Mr. Cottrell works in Building 849, Salvage.

Mr. and Mrs. Leslie H. Moore of Hiram welcomed the arrival of their first child, a boy, born December 21. Mrs. Moore (Betty Horner) formerly worked in Cost & Inventory. The proud grandfather is Mike Horner of Depot U-7, and the baby's great-grandfather is Ernest Snyder of Space Heating.

Little Daryl was a welcome addition to the James Arnold household where four sisters, including twins, awaited his arrival on January 3. Mr. Arnold is a munitions handler in the Depot.

Belated congratulations to Mr. and Mrs. Robert Toney on the birth of a daughter November 22. The little girl was named Tracy Ann. Mr. Toney works in Department 86 Line Three.

A daughter, Yolanda, was born to Mr. and Mrs. Ozell Clark on New Year's Day. We think this is probably the first baby of the new year for an Arsenal employee. Mr. Clark works in Department 81 Line Three.

Mr. and Mrs. Jerry Chalmers are the proud parents of a baby boy, named Steven Wayne, and born December 13. He weighed 7 lbs., 8 ozs. Mr. Wayne is employed in General Stores.

Blasts Tested

(Continued from page 1)
strument, as being sensitive enough to record a dog's bark on the outside of a house.

This instrument and another which he described as being 10 times as sensitive was buried in the ground during the tests.

Some of the instruments used by the group were fabricated at the University of Utah and are rare to the extent that only two or three exist in the entire United States. Allen and Doelle pointed out that these and similar instruments are used in prospecting for oil.

AIR BLAST microphones which record low frequency vibrations were also used and all tests made were recorded on tape. A more recent development in the field is a camera which will take exposures at the rate of 1,200,000 frames per second and records blast waves travelling through the air.

Mr. Allen and Mr. Doeller indicated that the problems at all installations studied are primarily the same and differ only with regard to climatic conditions and ground formations. Both men report their findings to Dr. Melvin A. Cook, an eminent physicist and former head of research at the DuPont Company.

Similar tests have been made at Blue Grass Ordnance in Kentucky and installations at Pueblo, Col., Seneca, N. Y., Letterkenny, Pa., and Tooele, Utah. The latter has been established as a permanent base for research operations.

The group leaders indicated that they would return next year for further tests with even more refined instruments to check the validity of present findings. They will also bring equipment for meteorological study.

A. M. Davis Retires

Alva M. Davis, an Arsenal employee for five years, retired from active work November 14 at the age of 70.

Born and reared in New Franklin, Ohio, Mr. Davis moved to Beloit in 1941 where he farmed prior to coming to the Arsenal. He now makes his home with his son, O. K. Davis who is Line Two Superintendent.

During his employment here he worked on Lines One, Two and Three and the Ammonium Nitrate Line. Mr. Davis is now planning to leave in the near future for Arizona with his daughter. There he will relax and enjoy his retirement.



MOBILE WORK EASIER — John Sharpnack, John Papiska and B. W. Decker and their foreman, Ed Lietzow (not pictured), were happy men when this new line truck was put into action. The truck, completely equipped with all electrical needs, greatly facilitates the work required to keep the Arsenal in top operating condition.



WITH BEST WISHES — Jim Workman, veteran Arsenalite, received a gold watch from co-workers on the occasion of his retirement February 6. Making the presentation is "Whitey" Koontz, Dunnage Shop foreman, and John Hank, Depot general foreman.

Mr. Workman began working at the Arsenal in February, 1942 in the Depot and remained there until his retirement. Since 1945 he has been foreman of the Dunnage Shop.

In his spare time, Mr. Workman is quite a gardener. He also likes to refinish antiques and plans to spend his retirement pursuing these avocations, and caring for his invalid wife.

New Truck Aids Electric Shop

Maintenance of the vast and complicated electrical distribution system which furnishes the power to keep Ravenna Arsenal running is the responsibility of Department 432 of the Engineering Division.

These activities are carried out by Foreman Ed Lietzow, Electricians J. E. Sharpnack, John S. Papiska and Helper B. W. Decker.

DAILY, these men handle the chores required to keep three substations, approximately 500 transformers, 10,000 light poles and 270 miles of distribution lines in tip-top operating condition.

Their work was made easier recently when the new line truck (in the picture above) was procured and put into action. This truck is completely equipped with ladders, wire, lines, and all other electrical repair needs.

The Electric Shop workers are on call 24 hours a day, everyday, in event of breakdown in the production lines or the distribution system, and know their work requires fastest possible handling in order to keep production and post residents from suffering irritating delays or inconveniences.



RETIREES FROM JANITOR FORCE — Charles Anthony retired from active work January 6, and received a leather wallet from his co-workers. John Harvey, Janitor supervisor, is shown here making the presentation to Mr. Anthony. With them are Bill Dennis, Donald Bunkovsky, Charles Mathews, Charley Davis, Dallas Jefferys, Jesse Sands, O. A. Moodie, Dean Norman, Ray Burkholder, Charles Hoehn and Claire Custer.

Mr. Anthony has been an Arsenal janitor since September, 1951. He is married to the former Lola Bell and makes his home at 41 Keystone St., Alliance.



TYPICAL OF THE MANY family groups who enjoyed the Children's Christmas Party were the Howard J. Millers and the John P. Joneses. The Miller family on the left are Howard and his



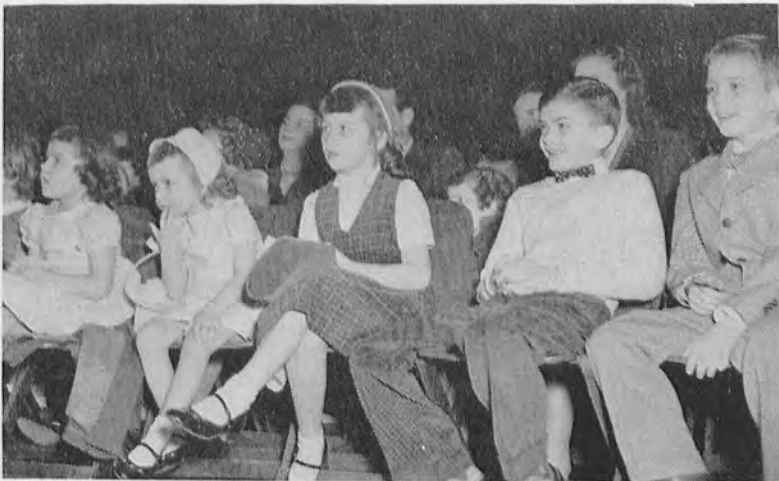
wife, Freda; Howard Jr., Donald James, Michael Ray and Yvonne Elaine. The Jones family are John, holding John Jr., his wife Dorrie, and Anne Marie, Susan Irene and Kathleen.



"OH, SANTA! I'm so thrilled" might be what this little Christmas doll is telling the old man in the red suit as she receives her gift.



RAPT ATTENTION — Fathers here appear to be as intently interested as do their children. Here's Jack Hopwood holding his daughter, Diane, and John Romanov with son, Johnny.



VARIED EXPRESSIONS — The faces of these youngsters represent awe, contemplation, hesitancy, and just plain amusement. The children are, left to right, Mary Ellen Parks, Heather and Connie McEwen, Van Steigerwalt and Mark McEwen.

Christmas Party Postscripts

For the first time highways were clear and dry as 1,500 children and their parents hurried to the Arsenal for RAI's fourth annual Children's Christmas Party on December 19.

The day was bright and merry. There was a brisk sense of excitement in the air, and silvery snow crowned each roof top and capped each tree tip. Mother Nature gave a special wave of her wand to create a perfect winter's day.

And, tiny faces beamed when they saw Holidayland in Bolton Barn auditorium, where huge, lighted Christmas trees, sparkling ornaments and laughing jack-in-the-boxes greeted them.

AFTER THE GREETING from Santa Claus which began each of the three performances, the chil-

dren were amused with a half hour of color cartoons. (Santa, by the way, was beautifully animated by Ernie Clabaugh of the Engineering Office.)

Then "King Jack" of television fame entertained the youthful audience with songs and games. Young and old alike joined in the singing of "Davy Crockett."

As a fitting climax to the show and the last magical touch, each child talked to Santa and received a gift and a stocking full of candy.

Needless to say, a good time was had by all!



HERE'S A SWITCH — The adults thought it was funny, but the children aren't so sure. Pictured here are Carmella Beskid and her nieces, Susan and Mary Ann, and Usher Phil Larcus.



MRS. DANNY DIMAURO and family arrive at the Christmas Party. The Children are Tony, Mary Antoinette, Patsy and Danny Jr.



KING JACK, in full regal robes, staged a race to the tune "Green Grass Grows All Around," and proclaimed this little miss as champion runner. When asked to make a speech, she said, "I like everyone in the world."



SANTA LENDS an ear to hear this pretty little blond's Christmas wishes, while Alex Hanes and daughter, Karen, wait their turn.



EVERYONE enjoyed King Jack's antics including the General Manager and his wife, Mr. and Mrs. Krengel, their nephew, Timmie Smith, and Lt. Col. Thomas Scott, Commanding Officer.



DIRECTING traffic at the Christmas Party site are Kenny Cox and Dave Fineman.

Side Glances

(Continued from Page 5)

as Guided Missile Officer. Lt. Snyder is married and has a daughter, Susan, who is 7 months old. He graduated from the United States Military Academy in 1953.

Sfc. Merlyn W. Carroll and his wife, Cleo Pauline, also arrived in January. His last assignment was at Fort Leonard Wood, Mo. The Carrolls have two daughters, Monna Lynn, four, and Dorle Jean, two.

Pfc. Gunnar B. Halvorsen and his wife, Barbara, completed the list of new arrivals for January. Previously he was stationed at Fort George G. Meade, Md. Pfc Halvorsen is from the Cleveland area and was graduated from Rock River High School.

Pvt. Elmer B. Junge from Holgate, Ohio, and Pvt. Richard D. Heckathorn from Forest, Ohio, recently arrived from Fort Bliss, Tex., to join the Group. Both men entered the Army in September, 1955 and completed their basic training at Fort Ord. Cal.

Nationwide Food Service

Welcome back to Olga Riggs who was ill for three weeks . . . Anna Kleindenst visited her aunt, who is quite ill, in Tamaqua, Pa., over the weekend.

Eva Snyder and her husband attended the Ice Follies in Cleveland . . . Spending some time with her daughter in Cuyahoga Falls was Mary Kulowec, while Ethel Bulvony visited her daughter in Niles.

Load Line Three

A hearty welcome is extended to C. W. Steigerwalt and Phil Larcus who recently joined the Line Three staff . . . Deepest sympathy is extended to Bernard Pospickel on the death of his father; to C. W. Morris on the death of his uncle, and to L. D. Parker on the death of his aunt.

Dorothy Shaw and family recently moved from Windham to Warren . . . Best wishes for a speedy recovery are sent to Charles Mason's wife, Thomasine, who is confined at home because of illness.

Recent visitors in the G. R. Carley home were 1st Lt. and Mrs. Don Petrie and son, Douglas . . . Timothy Moneypenny, son of Leo, has just recovered from a very serious bout with pneumonia. Let's hope his recovery is complete.

Transportation

Attending the Ice Follies on January 22 was Charlene McCurdy, Traffic, and her fiancé . . . On vacation from Traffic is Bill Bowers.

George Mills, automotive inspector, completed 14 years at the Arsenal on February 14, and completed 41 years of automotive work on February 1. Congratulations, George!

The office employees of the Main Service Garage gave a farewell dinner for Lillian Bosko and presented her with a going away gift of a pen and pencil set and a pair of lamps.

Our deepest sympathy to John Mayer on the death of his three-day old twin son . . . Get well wishes are sent to Jim Hefner's son, Jimmy, who recently had an operation.

Duke Turner's wife, Margetta, is also on the sick list. We're hoping for a speedy recovery . . . Recent vacationers were Ray Harvey and Donald Smith . . . Russ Madonio is looking for a buyer for his 14-foot aluminum boat.

Homer Starkey, Railroad Yards, is visiting relatives in West Virginia while on vacation . . . Our regards and get well wishes to Bernie Ashcraft who is ill . . . W. H. Daley is back to work after a brief illness.

Engineering

Announcement is made of the birth of Robert Edward Heine on January 22. The child's parents are Mr. and Mrs. Edward Heine of Cleveland, and the proud grandparents are Mr. and Mrs. Warren Peck of Ravenna. Mr. Peck, an engineer, is especially proud since it is his first grandchild.

Coworkers feted Dominic Giovinnazzo and his bride, the former Elbis Athans, at a dinner at the Elite on January 21. Their wedding was an event of January 28 in Canton.

Get well wishes are extended to Jim Warren, William Jackson and Ruth Orwig. Also to Bob Howell's mother who is confined in Salem Hospital and to little Jimmy Bowser, son of Bill, who is confined to bed following an attack of rheumatic fever.

Attending the Maintenance and Engineering show in Convention Hall, Philadelphia, were J. C. Duer, G. H. Yocum, A. T. Wilson and William Bowser.

A business trip took E. L. Clabaugh for two week's schooling at the Lake City Ordnance in Atchison, Kan. The most interesting part of Ernie's trip was the inspection of caves in which equipment is stored for long periods of time.

Depot Area

We're pleased to know that Pat Derr, wife of Bob, is back home again and well on the way to recovery after a bout with pneumonia. Their son, Bobbie, is also about well after contracting bronchitis.

Ben Bradley was in bed for a time with a foot injury and welcome back to Paul Gillispie who has returned to work following several months of severe illness . . . John Baird of U-14 has been off on account of ill health.

E. L. Welling will complete 15 years here in March. Congratulations! . . . Elmer Barton and wife enjoyed a weekend visit with relatives in Cleveland early this month.

George Johnson was in South Carolina to attend the funeral of his aunt . . . Ronald "Rocky" Scott had the misfortune to break an ankle on February 8 . . . Congratulations to William "Shorty" Williams who completed 14 years at the Arsenal on February 26.

Echos From The Alleys

Men's bowling league standings as of February 13 are as follows:

MONDAY NIGHT			
Team	W.	L.	
Load Line Two	59	21	
Salvage	52	28	
Load Line Three	41	39	
Nikes	39	42	
Guards	35	45	
Engineers	34	46	
Akronites	32	48	
Officers	29	51	
TUESDAY NIGHT			
Cast Offs	50	34	
Depot U-7	48	36	

WEDNESDAY NIGHT			
Accounting	46	38	
Bolton Barn No. 2	44	40	
Group Six	42	42	
Bolton Barn No. 1	39½	44½	
P. V. A. C.	33½	50½	
Mechanics	33	51	
THURSDAY NIGHT			
Automotive	50½	33½	
OAB	48	36	
Guards	46½	37½	
Load Line One	45	39	
Electricians	44	50	
Old Timers	37½	46½	
Arsenalites	33	51	
P. E. & I.	31½	52½	



What's your working distance? This is one of the important questions in correction of vision for your job.

Save Your Eyes

"Why didn't I wear my safety glasses?"

This is one of the most tragic and puzzling questions after almost every eye injury in industry.

Most employees know when they should wear safety glasses. Preaching safety hasn't solved the problem. There were more than 75,000 disabling eye injuries in 1955, and almost 100 percent of them could have been prevented, usually by the simple precaution of wearing safety glasses when needed.

How the safety glasses fit may be the key to this major unsolved problem of eye safety — why safety glasses are worn in pockets.

"Your vision is as personal as your fingerprints," according to the American Optometric Association which has made a study of eye accident cases. In plant after plant it was found that more personal attention to fitting led to near perfect records of wear when needed.

The conclusion of vision specialists and safety directors after careful study was, "If they fit him, he will wear them."

Even Goggles Must Fit

If you need no refractive correction your safety glasses will have plain lenses. Discomfort, however, can come from a wide variety of fitting problems.

Do the glasses rest properly on the nose? Are the temples properly bent at the sides of the head and back of the lenses clean? Maybe the color or aesthetic appearance of frames is a psychological factor.

Regardless of the eye safety program at Ravenna Arsenal, these are personal responsibilities of your own. The fitting problems should be worked out in detail with your examiner.

Periodic checkups are important. Maybe your vision has changed as it does for everyone, especially those over 40. You may now need corrective lenses, or a different correction from the one you got a year or more ago. If so, you probably find your present goggles unsatisfactory.

Fitting requirements depend not only on the employee's personal vision, but also on his job — the visual demands and the hazards of it.

Working Distance

What is the working distance — 6, 16, or 30 inches, or 20 feet? If you need corrective lenses in your safety goggles this is a crucial question. Perhaps you need bifocals or trifocals to adapt your vision to more than one critical working distance.

Here one of the most common mistakes is to assume that the prescription for reading glasses may be satisfactory for the job. Reading glasses can make a safe crane operator dangerous, and they may be near worthless to anyone working on fine details at eight or 10 inches.

Just as in picture taking, a lens that sharpens focus at 16 inches blurs focus at about 30 inches or

any greater distance, and vice versa. Each lens, then, must fit the refractive requirements of the eye and the visual requirements of the job.

Does the frame interfere with peripheral vision — to the sides, up or down? If it does you may unconsciously feel safer or more comfortable without your safety glasses. Better fitting is the answer.

Harmful light, such as from welding, is screened out by a wide variety of special lenses. But here there must be caution not to shut out too much light for clear perception. Lens quality and type are important.

Your Vision Changes

With corrective protective glasses, the needs for rechecking and maintenance care are particularly important. Frames get bent, spoiling alignment of lenses with pupils. You may be putting on weight so the frames need readjustment to fit your face and head. Most of all your vision may be changing and you need a different correction — a normal and not alarming development in 95 cases out of 100.

These are just a few of the factors in proper fitting. The examiner takes many others into consideration when he prescribes and fits your safety glasses, but he needs your cooperation.

One additional point needs emphasis. That is the relationship of vision itself to safety. Better vision is one of the best means of preventing all types of accidents. With the aid of modern science almost everyone can see adequately for his job. The better he sees the easier and safer his job is.

Basketball Standings

Standings for the RAI Basketball League as of February 13 are as follows:

Team	W	L
Group Six	5	1
Bolton Barn	4	2
67th AAA Group	3	3
Inspection	3	3
Roads and Grounds	2	4
Left-overs	1	5

TOO YOUNG OR TOO OLD

A private research bureau predicts a growing public welfare problem for the U. S. as a result of the nation's swiftly growing population.

According to the Population Research Bureau, the proportion of very young and old Americans is growing at a much faster rate than those of working age.

This will begin to pose an important problem within the next few decades, the bureau says.

Leap year — Its Legend And Lore

Open season for bachelors is here again. It's 1956 — in other words, Leap Year!

For unmarried women from 16 to 60, restraint and convention will be let out the door and female proposals will fly — so the leap year legend goes. But is it really just folklore?

* * *

FACT and fable are strangely mingled in the history of leap year. You'll be surprised to know that this once-in-four-years proposal privilege for women is not merely an unofficial tradition, but based on actual legislation, enacted in at least four different countries several hundred years ago. It is said to have all started in land by St. Patrick in the fifth century.

It became the "law of the land" in 1288. In that year there was an act passed by the Scottish Parliament in which "it is statut and ordaint that for ilk year known as lepe yeare, ilk mayden ladie, of baith high and lowe estait, shall hae libertie to beseke ye man she likes."

A few years later a similar law was passed in France. Then in the 15th century, just before Columbus sailed for America, the tradition was legalized in Italy by the governments of Genoa and Florence.

* * *

LEAP YEARS we shall always have, because they are a mathematical necessity. The extra dividend of one day which Father Time pays us in 1956 is a device of the astronomers to keep our years in step with the sun and the season.

The reason for leap year is found in the astronomical length of the year. A year is the time it takes the earth to circle the sun — and the — astronomers have worked this out as about 365.2425 days, or 365 days, 5 hours, 49 minutes and 12 seconds.

So we have a calendar with 365 days in ordinary years, and every four years we add a "leap day," which picks up the extra fraction and keeps our calendar in step with the seasons. This still isn't quite exact enough, so we omit leap day in "century years" three times in four centuries. The rule is — only century years divisible by 400 are leap years. Thus leap year days were omitted in the years 1700, 1800, and 1900. The year 1600 was a leap year and again 2000 will be a leap year.

Safety's Elective, But Very Effective.

RAVENNA ARSENAL NEWS

Vol. 4, No. 12

RAVENNA ARSENAL, INC., APCO, OHIO

February, 1956

Safety Is Top News

Arsenal Safety Program Pays Off!



THE WINNERS — H. M. Kregel, General Manager, presents Virginia Wancik with her prize for first place in the 1956 Safety Slogan Contest. Seated with them are Lt. Col. T. M. Scott, Commanding Officer, and Estella Pavlick, a unit winner. Standing are Virgil Carpenter, Safety, Andy Szabo, whose slogan won second place; Claude Moore, a unit winner, and C. F. Craver, Safety Manager.

Virginia Wancik's Entry Wins In 1956 Safety Slogan Contest

"Safety's Elective, But Very Effective" — that's the slogan that won Virginia Wancik of Component Stores Records the top prize in the 1956 Safety Slogan Contest. This is the second straight year an employee in Component Stores Records has had the winning slogan.

Andy Szabo of Engineering placed second in the contest with his slogan "Safety Ever, Accidents Never."

The remaining two unit winners were "Safety's The Objective, H. Dessum, Stores Manager; L. E. Lynch, Transportation Manager; and Simpson Proctor, Ordnance Public Information Officer. In order to assure the contestants that no partiality would be shown, each unit winner was picked by a judging committee from one of the other units.

UNIT NUMBER ONE, the Engineering Division, for the second straight year had the highest percentage of participation with 95 percent of all its employees submitting entries. This unit was captained by Robert Howell with the able assistance of Ruth Orwig.

The following is a partial list of employees who received honorable mention for their entries which were among the finals considered by the four unit judging committees:

C. C. Calvin (Safety Practices Make Perfect), F. M. Soper (Safety Pays Full Time), S. B. Ashbaugh Safety Is Free — Why Not Use It), Robert Hays (Safety Never Stops), J. E. Powell (Safety Is Free — Invest and See), S. C. Adkins (Be On The Ball — Safety For All), S. W. Homolya (Just Think and You're Safe), J. J. Kupansky (Safety Is Always In Style).

In addition to these vehicles, there were about 2,000 private vehicles which traveled close to 3,800,000 miles over 221 miles in the area. These drivers were subject to driving hazards little different than those faced by all Portage County drivers in view of the unusual number of bridges for an area of this size and a large number of railroad crossings.

In spite of this, however, the total number of accidents for all post traffic was 25, and all 25 were classed as minor and included every accident in which a government vehicle was involved, no matter how slight the damage.

* * *

THESE FIGURES are interesting when compared to accident figures for Portage County as compiled by the Portage County Traf-

Trifles, multiplied by determination, make perfection.

Only Two Lost-Time Injuries Mar 1955's Excellent Record

The "Big Pay Off" at Ravenna Arsenal in 1955 was its industrial safety program.

Reports on industrial and traffic safety at the Arsenal last year revealed that the aggressive program in effect here pays dividends constantly in the reduction of injuries and property damage.

An industrial accident frequency safety rate of .5 was established by working a total of 3,717,978 with only two lost-time injuries during 1955.

A frequency of 246 minor injuries per million manhours was also established for the year. This means that only 868 minor injuries occurred for the 3,717,978 manhours worked. Minor injuries included incidents of no more severity than splinters, blisters and scratches.

* * *

THIS UNUSUAL RECORD is particularly gratifying to Arsenal officials in view of the fact that the plant is not only one of the largest employers in the country, but is also concerned with one of the most hazardous commodities — explosives.

Beyond the explosive hazard the plant is faced with the safety problems common to any town or small city as well as those of any large industrial organization. All occupational hazards presented by water and sewage plants, laundries, gas stations, garages, chemical laboratories, wood and metal working shops and maintenance shops of all types appear in the Arsenal area.

Traffic safety also came in for its share of recognition with an accident frequency of .7 for a total of 3,547,299 miles traveled.

This is an improvement over the previous year and exceeds the goal of 1.0 established by the Ordnance Ammunition Command at Joliet, Ill.

These traffic results are even more surprising when it is realized that the above figures are based only on the 450 government vehicles used on the post.

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* * *

THESE FIGURES are interesting when compared to accident figures for Portage County as compiled by the Portage County Traf-

fie Safety Council, an organization which warrants recognition for its work in safety promotion. The council reports a registration of 30,000 cars in Portage County.

During 1955 there were 2,170 accidents, with 35 fatalities and 700 injuries resulting from accidents. In view of these figures, Portage County can well afford to review its safety program and get behind the Safety Council in the work it has started.

Lt. Col. T. M. Scott, Jr., Commanding Officer, and H. M. Kregel, General Manager of RAI, both attribute the success of the Arsenal program to excellent employee cooperation, constant attention to safety details and the emphasis placed on safety training.

* * *

MR. KRENGEL, an ardent exponent of safety, indoctrinates his staff each week with the principles of safety promotion and insists that all supervisory personnel consider the safety of their workers as their prime responsibility.

The RAI Safety Office, with the backing and assistance of the Ordnance Safety Division, makes continuous inspections and studies of operational and traffic hazards to improve procedures and keep employees advised and aware of good safety practices. No opportunity is lost to impress employees with the need for thinking of safety constantly.

Colonel Scott stated: "In our work with explosives we cannot afford to be careless; one thoughtless move can mean disaster. With this in mind, we feel that if we can be careful with explosives, we can be careful in all fields of operation."

* * *

SAFETY TRAINING at the Arsenal goes farther than the usual safety talks. Specific courses are planned and employees are required to attend. The whole program is designed to get the employee to think of safety in connection with himself. When this is accomplished, both industrial and traffic accident frequency is reduced.

Colonel Scott and Mr. Kregel commented that the Arsenal will strive for even better safety records, and they join with the Portage County Traffic Safety Council in the belief that only through the concerted efforts of all concerned can the tragic toll of death, injury and property damage be reduced.

I'll always remember . . .

A Newborn Child Is Without Prejudice

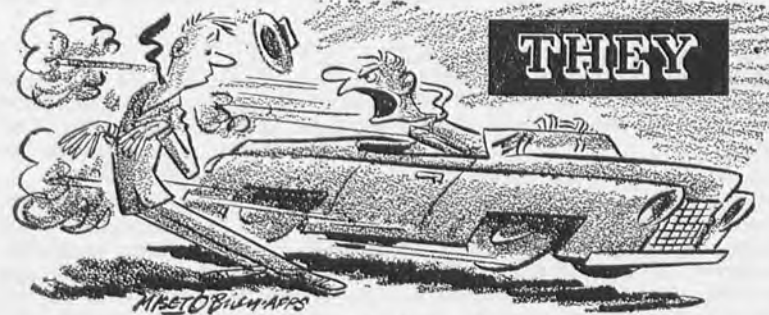
By Harvey S. Firestone, Jr.
National Chairman, Brotherhood Week

When a child first comes into the world, he arrives completely free from conscious dislikes of people. It is only in the days and years of growing up that he may come down with the disease of prejudice, and the principal carriers of the germ are apt to be the adults who mold his life.

Contemplating the innocence of a baby, we can realize the awesome power that parents, teachers and adults in general have in shaping the world of tomorrow through the children of today.

Because children are naturally without prejudice, we should make a conscious effort to instill in their hearts the positive worth of brotherhood as a way of life. Brotherhood is not a cure-all for the ills and disturbances of a grown-up world, but it is a medicine that can do nothing but good provided it is prescribed early enough and taken consistently.

The idea of brotherhood suggests to former children the better world this might have been if we have been able to hold on tightly and completely to the mutual kindness and love for each other that is our birthright and our natural heritage as children of the One God.



Have you ever noticed that it's always "they" who botch things up and "they" who ought to set them straight. Never "me" or "us" — always "they."

Nowhere is the "other guy" more to blame than in matters of safety. Are you ever the guilty party in a traffic accident, big or little? Are you the one who disregards the driving regulations or ignores common courtesy on the road? Never. Not you.

Why, here's the proof. When you're behind the wheel, the pedestrians always seem to be jaywalkers, jeopardizing their own lives and yours. But when you're walking, darned if those motorists aren't doing their best to run you down. Doesn't that show that it's always the other guy's fault.

Of course, it doesn't. Because the truth is that "they" don't exist. "They" are "us" — you, me, everybody. Take a peek in the mirror. The other guy is really you.

If driving is to become less hectic and dangerous, it's entirely up to you.

Stop blaming the other guy. He's a figment of your imagination.

Ravenna Arsenal NEWS

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Load Line Three — May Anderson.
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Laundry — Elizabeth Jura.
Scrap and Salvage — Richard Lawless.
67th AAA Group — Fred Leunberger.
Ordnance Staff — Lillian Youell.
Fire Department — Harold Cleveland.
Guard Force — Louis J. Blake.
Nationwide Food Service — Eva Snyder.



IN APPRECIATION — Eight Arsenalites and one former employee were presented pins this month in appreciation of their gifts of life-saving blood. Pictured at the presentation are, seated left to right, H. M. Krengel, General Manager, Leroy Nicholson, Pershing Edwards and Mason Rogers, and stand, Mrs. Margaret Dodge, Walter Wolfe, Blaine Decker, Carl Jones, Charles MacDonald, Joseph Maffei, Joe Branick and Mrs. Mary Jane Watkins.

Arsenal Gallon Blood Donors Honored

Ravenna Arsenal employees set an outstanding record at the last visit of the Cleveland Regional Bloodmobile on December 16, when five employees and one former employee hit their eighth-pint donation mark and three employees reached the two gallon point to top our donation records.

These employees were honored this month when Mrs. Mary Jane Watkins and Mrs. Margaret Dodge of the Portage County Red Cross Chapter presented them with one and two gallon Club pins respectively. They also received letters of appreciation for their generous gifts. Also making the presentations was H. M. Krengel, General Manager.

RECEIVING the honors were Leroy Nicholson, Pershing O. Edwards and Mason Rogers, the two-gallon donors, and Walter J. Wolfe, Blaine W. Decker, Carl V. Jones, Joe Branick, Joseph Maffei and Charles MacDonald (former Time-Study employee), the gallon donors.

Leroy Nicholson is an inert operator in Component Stores and has been employed at the Arsenal since 1950. He is married to the former Dolly Moody and they have

five children. The Nicholson family make their home at 957 E. Noble Street in Alliance.

A trailer truck driver, Pershing Edwards is one of the Arsenal's "old-timers" having worked here since 1942. He is also a veteran of World War II. Mr. Edwards and his wife, Fern, and their three children built their home on East River Road at Lake Milton.

Mason Rogers has been employed at the Arsenal since August 1950 and works as a munitions handler in Department 194 in the Depot. He and his wife and their three children reside in Ravenna. A veteran of World War II, Mr. Rogers is a sports enthusiast and likes baseball, football and fishing for recreation.

The Arsenal's 3,000th blood donor was Walter J. Wolfe, a millwright. Mr. Wolfe has worked here continuously since November 1948, but also worked for Atlas Powder Company during World War II. He and his wife, Jean and their three children reside in Hiram on Wakefield Road.

JOE BRANICK, Shipping and Receiving Supervisor, is a "real old-timer" here since he began his employment with Hunkin-Conkey

and will complete his 16th year here in November. Mr. Branick and his wife, Anna, celebrated their 21st wedding anniversary on February 10, and have four lovely grandchildren. They live at near-by Wayland.

An instrument repairman, Carl Jones has worked at the Arsenal since July 1950 and prior to that had worked here with Silas Mason Company. Mr. Jones served in the Air Force during World War II and still maintains his interest in flying. He and his wife, Martha, and their son and daughter reside at 271 S. Diamond Street in Ravenna.

Blaine Decker, an electrician's helper, came to work here in April 1953 after Korean service. He also is a veteran of World War II. Mr. Decker is married to the former Doris Robertson and is the proud father of three children. The Deckers make their home in Windham. Joseph Maffei first came to the Arsenal with the Hunkin-Conkey Construction Company in 1951. When their project was finished, he hired in with RAI in February 1952. Mr. Maffei, a native of Bitritto, Italy, served in World War II with the Army. He lives at 143 Fourth Street in Ravenna.

Deer To Be Traded For Wild Turkeys

The Ohio Division of Wildlife will live-trap five or six deer at Ravenna Arsenal to be delivered to the State of West Virginia. In return, Ohio will receive wild turkeys from the latter state.

George Fennen, game manager for District Three of Northeastern Ohio, said the exchange is being made in connection with the Department's turkey propagation program which has been in effect for about three years.

Immediate plans are being made for the exchange and it is believed that most of the turkeys will be released in Southern Ohio. John Oney, District Game Supervisor, and Mr. Fennen expressed appreciation for the excellent cooperation their department has received from the Arsenal, particularly during deer season.

All Arsenal hunters were required to obtain a deer-hunting license from the State, and state officials were permitted to make an accurate count of the deer taken from the reservation. This aided the Department of Wildlife materially in compiling figures on the deer population in Ohio.



RECEIVE SERVICE AWARDS — Ordnance Employees Ollie R. Gothard (center) and Russell A. Mazzola were recently presented service pins by Lt. Col. Thomas M. Scott, Jr., Commanding Officer of Ravenna Arsenal.

Mr. Gothard, a telephone installer and repairman, received a 15-year pin for continuous service here since December 14, 1940. Mr. Mazzola, an ammunition Loading Inspector, received a 10-year pin. His service with Ordnance dates from December 10, 1945.

Side Glances

Guard Force

Enjoying a pleasant weekend among former neighbors and friends in Wayne County, W. Va., was Roy Van Hoose and his family.

We extend our deepest sympathy to the bereaved family of Elsie Ogden who passed away February 4. Until recently she was employed as secretary to Capt. S. C. Casbourne at Guard Headquarters, and had lived at Palmyra.

William Jones spent a quiet two weeks vacation resting at his home in Akron.

Eleven guards completed 1955 with perfect attendance records. Congratulations to Albert Beall, Louis Blake, Orlie Hicks, John Laney, Thomas Lee, Thomas Osburn, Phillip Pope, Donald Sheen, Hollie Vandale, Ward Wilson and Francis Wolfe.

itor Service

We wish the best of luck and a speedy recovery to Clare Custer in Trumbull Memorial Hospital, to Robert Powell in Crile Hospital and to Willis Morris who is in Cleveland City Hospital.

Cheryl Moodie, daughter of O. A. Moodie, is in Robinson Memorial Hospital recovering from a tonsilectomy. Mr. Moodie just returned from his vacation which he spent visiting friends. He also attended an oyster fry in Bedford and a pork chop chapeau dinner in Cleveland, so it looks as though he was well fed!

Donald Bunkovsky and family motored to Pittsburgh recently on a sightseeing tour . . . Sherry Hines and Pam Davis, granddaughters of Charlie Davis, were to appear on a television show in Cleveland, but icy roads prevented them from making the trip. Hope they have better luck next time.

Happy birthday wishes to Jimmy and Patrick Lee, sons of D. A. Jefferys. Also to Don Bunkovsky's daughter, Bernice . . . Joel Harvey, son of John Harvey, has been transferred from Electronic School at Fort Monmouth, N. J. to Redstone Arsenal in Alabama.

Thought for the month: Give your fellow worker a pat on the back and a kind word — who knows you might need them back one of these days!

General Stores

Visiting recently in Parkersburg, W. Va., was Donald Yoho and family . . . Congratulations to William White who has had perfect attendance for two years and eight months.

Ordnance Staff

Congratulations to James Hensley who placed first in a class of 20 at the Ordnance Safety School.

Vendal Ridenbaugh is attending Class 19 of the Ammunition Inspector's School at Savanna Ordnance Depot.

C. R. Branfield traveled to Jefferson Proving Ground to observe firing of artillery primers, while George Steinwender was at Atchison Caves, Kan., for a two-week seminar.

We're happy to learn Mary Szabo, former employee of Office Services is now employed with the Bureau of Internal Revenue in Akron.

It's good to see Mary Mascio back on the job again, and good luck to Laura Hall who terminated her employment since Mary is working again.

67th AAA Group

1st Lt. Francis Snyder arrived here last month from Fort Bliss, Tex., where he attended Guided Missile School. He has been assigned

(Continued on Page 6)

Inquiring Reporter . . .

Five Employees Talk About Traffic Accidents

How can traffic accidents be stopped?
That is the million-dollar question.

If we knew the answer, the whole world would be a happier place to live in.

It would be a wonderful thing to know you could take the family for a trip without the fear that all might not return. Or, to be able to send

your children to school in the morning without the constant worry that some careless driver might turn the corner without looking.

Perhaps the traffic accident problem cannot be solved over night, but we know this much — if each of us would **THINK** and do our utmost to **DRIVE SAFELY** at all times, we would accomplish nine-tenths of our goal. Below, five Arsenal employees give their views on the subject.



C. W. Kemp, draftsman from Medina, sums up his answer in four parts: "Make sure your car is in A-1 condition before starting any trip; know the condition of the roads; abide by all courtesies of the road; and, take it easy. Don't gamble on time saved because, if you lose, it could be for an eternity." Mr. Kemp travels 76 miles a day to and from work and has never had an accident.



Marion Glazer quotes a slogan which impressed him very much — "Always Drive So That Your License Expires Before You Do." To be definitely certain that this will happen, Mr. Glazer says it is necessary to obey all traffic rules at all times, especially since the number of cars on the highway seems to be steadily increasing.



"In my opinion the greatest hazard on the road today is the lack of courtesy shown by drivers," says Tress O'Leary, secretary to the General Manager. "In everyday driving to and from work I see too many drivers who won't yield one inch of the road. If all drivers would only observe the courtesies of the highway, I think accidents would be greatly reduced.



Willie Wright, an Explosives operator in Department 76 Line Two, believes that traffic accidents would decline considerably if motorists would remember courtesy on the highways at all times. A few other rules that play an important part in traffic safety are to reduce rate of speed when slippery road conditions exist, use proper and accurate turn signals, and avoid stopping on the highway.



"Try to ignore the 'false' sense of power in newer cars and drive moderately" is the advice of P. J. (Pat) Ryal, of Kent. He believes that speed is the major cause of accidents. "Teenagers are our biggest offenders. By driving 'souped up' hot rods at 90 miles an hour for a thrill, they do damage to themselves and to others." Mr. Ryal was among those Water Works employees who were commended last year for 166,000 miles of safe driving without accidents.



MODELING for the Ladies Club fashion show will be Mrs. H. L. Sorensen (left) and Mrs. Worth C. Connor.

Plans Complete For Style Show

Plans are now completed for the Ladies Club fashion show and cosmetic demonstration to be held March 14 at the Recreation Building.

Big drawing card for the show is Jo Portaro, famed glamour consultant. Mr. Portaro will choose several women from the audience for his "before and after" demonstrations which have made him famous on television.

This show is being held for the benefit of the Portage County Pre-ventorium. It will begin at 8 p.m. and a limited supply of tickets are available. Tickets are priced at \$1 and can be obtained from Mrs. Robert Pavlick, Phone AXminster 6-5067.

A partial list of models includes Mrs. H. L. Sorensen, Mrs. Worth

Connor, Mrs. William Quade, Mrs. Charles Branfield, Mrs. Elwyn Kernstock, Marty Gay Scott, Jackie Powell and Jackie Lynds.

Mrs. Shelby Adkins, owner of Kay's Fashions in Newton Falls, is general chairman.

A Tip of The Hat

Boy Scout Week celebration could not pass without a tribute to Guard Norval West of Freedom.

Mr. West serves on the Ravenna District of the Akron Area Boy Scout Council as neighborhood commissioner and as Scoutmaster of Troop 564. These activities keep him busy five nights a week, plus many weekends.

Here's a tip of the hat to a good citizen.

'Danger Tags' Prevent Accidents, Save Lives



THIS is a danger tag.
In order to provide the protection for which this tag is intended, every worker must know and respect the service it performs.



BEFORE beginning to work on the main switch line, Electrician Andy Hudak carefully ties a "danger tag" on the switch box.



NOW, Mr. Hudak can attend to his work confident that he will be safe from accident, because the little "danger tag" warns everyone that a life could be endangered if it were not there.

Survey Presents Good Picture Of A Typical Nike Soldier

Col. Henry P. van Ormer, Commander of the 67th AAA Group announced a recently completed survey of the Nike personnel of his headquarters revealed that the average Nike soldier is an Ohioan, well-educated, and marriage-minded.

"This survey was conducted," Colonel van Ormer stated, "because we feel that the citizens of the Cleveland area are both interested in and entitled to know what type of men will stand behind the missiles of Cleveland's Nike defenses, when completed, and be integrated into the community."

At the present time there are 59 Nike soldiers and 10 officers stationed at Ravenna Arsenal. Twenty-five of these men are native Ohioans, many coming from the very neighborhoods where the Nike batteries will be located. The policy of the Army is to station a soldier as close to his home as possible when there is a compassionate reason, such as an invalid father or a widowed mother. This policy benefits both the men and the Army since it boosts morale and gives us men who are familiar with the local scene."

THE SURVEY disclosed that the Nike personnel are well above the national average in education. Of the 69 officers and men, 25 have attended college and hold degrees in engineering, law, economics, education and the arts. Sixty men are high school graduates, and in addition, many are continuing their education through United States Armed Forces Institute correspondence courses.

The average Nike soldier is 26 years old. Despite their relative youth there is a hard core of seasoned veterans in the group.

Eight officers and men are veterans of World War II and 10 were in action in Korea. They hold a total of 165 decorations and campaign ribbons.

Illustrative of their trustworthiness is the fact that 47 of the 69 are required to have access to information of vital importance to the national security, and have received security clearances after careful check-up by national agencies. Clearances are not required by the remainder of the men since their duties are of an unclassified nature.

THE NATURE of their work, and

long hours of duty have not interfered with the plans of these serious-minded men. Twenty-five of the youthful Nike soldiers are married, as well as the 10 officers.

During the past week their 36 children in the one through 10 year age group were given polio vaccine at Youngstown Air Base.

The Nike soldiers are civic minded and on their free time on Saturday afternoon, January 28, they collected approximately \$400 in Garrettsville for the Portage County "March of Dimes" campaign.

"I am proud of the privilege of commanding such men," Colonel van Ormer said, "and I am sure that the citizens of the Cleveland area will be proud of their own sons and their comrades in arms."

Any defense must consist of men, materials and an appropriate site. This survey indicates that the Army has and will continue to assure that good men and materials will be deployed on the Cleveland Nike sites as soon as they are acquired and constructed.

Ohio's Highest Honor Is Presented To The "Voice Of Firestone"

The "Voice of Firestone" national radio and television program was awarded Ohio's highest honor by Governor Frank J. Lausche at the Annual Banquet of the Ohio Newspaper Association held in Columbus, January 27.

The Governor's Award is presented each year to outstanding Ohio individuals and groups who have made outstanding contributions toward the advancement of the prestige of Ohio throughout the nation and the world.

The award citation to The Firestone Tire & Rubber Company commended the Company because "for 28 years it has consistently furthered culture in entertainment through its 'Voice of Firestone' broadcasts which holds the distinction of being the oldest coast-to-coast program on the air. Firestone was the first to sponsor a network television show."



This Ole Car

*This ole car once knew some children,
This ole car once knew a wife,
This ole car once knew a husband
And a merry family life . . .*

*But this family's trips are over,
Picked a dang'rous spot to pass --
Then they saw death's angel peekin'
Through the broken windshield glass.*

*Ain't gonna need this car no longer,
Ain't gonna need this car no more --
Had no time to fix the brakes up,
Had no time to fix the door,
Had no time to fix the steerin'
Or to drive with more restraint --
Ain't gonna need this car no longer,
They've been taken to meet the Saint . . .*

-- Accident Prevention Department
Employers Mutuals of Wausau

Safety Praised By Ohio Official

(EDITORS NOTE: Following is an excerpt from a letter written to Ravenna Arsenal by James H. Fluker, Superintendent of Ohio's Division of Safety and Hygiene, concerning the plant's 1955 safety record.)

"You are to be highly commended for the excellent safety job you are doing at Ravenna. Such a record is worthy of recognition and offers a challenge to other such plants."

I have referred material concerning your safety record to the Editor for possible use in MONITOR, a monthly publication of our division.

All Arsenal personnel and particularly those responsible for safety can take pride in such recognition."

Join And Serve In the Red Cross

"For Mercy's Sake — Join and Serve" is the theme of the 1956 Red Cross Fund Drive and the Arsenal's campaign for all personnel will last 10 days.

The Arsenal's drive got under way February 20 when Red Cross posters and RAI bulletins were posted, and will end March 5. Cash donations will be accepted but employees are urged to use the convenient payroll deduction plan.

To continue its vital aid to people in distress and to provide necessary help to our many servicemen in all parts of the world, the Red Cross is asking each contributor to give 10 per cent more than he gave last year.

Portage County has been asked to raise \$28,055 for this worthy cause and the Arsenal's quota is \$1,500.

MANY UNFOUNDED rumors have grown out of Red Cross services, such as the recent one about Red Cross workers selling supplies to the disaster victims in New Haven, Conn.

To prove this was untrue, leading citizens of New Haven offered \$500 to anyone who could prove any supplies had been sold. There were no takers for the \$500.

By donating to the Red Cross, you serve as millions of others have since 1881, to bring to victims of disasters and war — hope, sympathy and friendship.

You serve to help reunite families, re-establish homes — to train volunteers, to help collect life-giving blood for civilian use in our hospitals, and to help service men and their families.

Here is one of the ways you served in Portage County last month. There was a wreck on a highway, a lady was seriously injured and in critical condition. Her son was in Europe with the Army.

Your Red Cross notified the Adjutant General's Office of the situation existing here and within 19 hours the serviceman had been flown to the United States.

His mother was near death — but after seeing her son, seemed to gain strength. Today she is better.

Join and serve with your Red Cross today!

Safety Department Activities In Pictures



ALL SAFETY DEPARTMENT personnel have completed the American Red Cross First Aid Course, and the Fire Department has 12 First Aid instructors. Carl Vandervort, a Fireman instructor, is shown tying a head bandage on Eugene Davis. Watching the demonstration are, left to right, Safety Men Everett Mitchell, Lawrence Calby, John Chamberlin and Adam Starcher.



HERE, Curtis Brown, Safety Inspector, takes an air sample to determine whether the ventilation systems are removing toxic fumes, thereby protecting the health of employees.



CHECKING the readings of ionization chambers on a minometer is Safety Inspector Nicholas Manko. These instruments are used to detect the exposure of employees working with X-ray.



JUST LIKE 'DRAGNET' — Lawrence (Jack Webb) Calby is performing a test for carbon monoxide on a government sedan.



ALWAYS ON THE LOOK-OUT for hazards, Safety Inspector George Huhn and John Thomas of Line Maintenance check the decontamination work being performed at Building CA-6.



ADAM STARCHER, Safety Inspector, and M. J. Parker, Material Handling Equipment Foreman, are shown checking a new system of chocks for material handling equipment such as the fork lift above.



ABOVE, Everett Mitchell, Safety Inspector, is testing the conductivity of shoes worn by Sylvia Hinzman of the Artillery Primer Line.



SAFETY INSPECTOR Eugene Davis knows any volatile gas can cause trouble, and he carefully tests for explosive vapor in the pump room of the gasoline station.



JOHN CHAMBERLIN, Safety Supervisor, and John Hank, Depot General Foreman check safety features of a newly installed multiple nailing machine.

Side Glances

(Continued from Page 5)

Eskimos fishing through the ice they decided to try it too. Just as they reached the middle of the lake a 100 mile an hour wind sailed them off again. In the process Tom was knocked unconscious. Gib was saved only by his ice skates.

During April, **Kenny Flesher** and his wife intend to spend a week in Orlando, Fla. on a delayed honeymoon.

Ordnance Staff

June Burkey and husband were in Detroit recently to celebrate her mother's birthday anniversary . . . **Harold Kline** and family are the happy owners of a newly-purchased home in Ravenna.

On a three week tour of duty at Columbus General Depot is **Jim Hensley**. He is there in connection with the inspection of small arms ammunition.

The **Joe Heffrons** were recent visitors at **Simpson Proctor's** home and Joe sends his regards to his many Arsenal friends . . . The **Jack Frenchs** attended a bowling tournament in Louisville, Ky., and stopped at Warsaw to visit **Millie Gondel**, a former chief telephone operator here. Millie sends greetings to all her friends here.

Load Line Two

Many, many thanks to the Line Two employees who contributed so generously to the Red Cross Fund and Blood Drives.

Hurrah for the Line Two bowling team. They are nine games ahead in the race for the Monday Night league championship.

We hope **Ed** and **Bill Fortson** enjoy their vacation in South Carolina, also **James Vickers** who is in Mexico. **Al Potopovich** and **Paul Fellows** recently enjoyed quiet vacations at home.

Component Stores

Congratulations to **Joe DiMauro**, **Floyd Coston**, **Pete Latacki**, **R. B. Knight** and **W. K. Rhinehart** who have completed 15 years service at the Arsenal . . . Our deepest sympathy to **Walter Choleva** on the recent death of his father.

Engineering Division

Orchids should go to Mrs. Mary C. Sarrocco, mother of Medio of the George Road Shops. Mrs. Sarrocco recently celebrated her 89th birthday anniversary. She was widowed in 1928 and did a fine job of rearing four children "on her own."

Ed Kaplan is back to work after being hospitalized for several weeks . . . **Bill Bungard** is now working on the layaway crew . . . Good luck to **John Dalrymple** who is breaking ground for a new home near Palmyra.

Our sincere sympathies are extended to **J. B. Brunton** on the death of his mother . . . Welcome back to **Dolly Kalman**, recently returned from vacationing in California, and to **Jeanette Moore** who was on the sick list for a time . . . **Bob Pavlick** did well in the Elks Bowling Tournament in Louisville, Ky.

J. C. Duer and **George Yocum** attended the 3rd Integration Meeting February 6-9 at Lone Star Ordnance Plant in Texas.

Charlene McCurdy Weds William Horn, Jr.

The First Methodist Church in Warren was the scene of the marriage of Charlene McCurdy and William R. Horn, Jr., on Saturday, February 11.

The bride looked lovely attired in a blue floor-length gown, net gloves and a tiny veiled hat. She carried a bouquet of white pompons centered by a white orchid.

She was attended by her sister, Mrs. Lenoir Dinger, who wore a ballerina-length pink gown and carried pink roses. Ronald Horn was his brother's best man.

The newly weds are now at home to friends at 811 E. Market Street, Warren. Mrs. Horn is a Traffic Department employee.

BATTERIES TO HELP GROWTH

Small electric batteries built into children's legs may eventually help a child's bone growth if he or she is born with one leg shorter than the other.

The head of orthopedic surgery in Children's Memorial Hospital in Chicago said the technique had been used successfully so far in 18 cases.

One case involved a child whose shortened right leg grew three-quarters of an inch in nine months after one of the batteries was installed above the knee.

National Sunday School Week is April 9-15. Do you know every week in the U. S. more than 36 million children attend classes in 300,000 Sunday Schools? Is your child one of these?

Spring Tonic For Your Holiday Ham: Scalloped Flowers and Easter Egg Ladies

Ham is one of the very best meat buys this season, especially with the new close trim, reducing fat to the minimum needed for flavorful cooking.

Give this delicious, traditional Easter meat its due by cooking it according to modern methods and dressing it up with gay Easter egg belles.

Baked Ham

Wipe meat with clean damp cloth. Place ham fat side up on rack in open roasting pan. Do not add water, baste or cover. If you have a meat thermometer insert it through outside fat into center of thickest muscle so that bulb does not rest on bone or fat. Bake in 300-325°F. oven.

Half an hour before ham is done, take from oven and remove rind. Make flower design and spread ham with strained apricot jam or orange marmalade. Return to oven and bake remaining time.

To make the Easter egg ladies, use hard-boiled eggs. Make their hats from nut cups trimmed with tiny bits of ribbon, net, or pieces of other frilly material. Draw faces on with ink.



GAY as the Easter parade is this centerpiece for juicy, tender Easter ham. Even the ham reflects the gaiety of Spring with its flower pattern instead of the conventional diamond scoring.

Group Six Takes 1956 Basketball Crown

Group Six basketballers nabbed the RAI '56 Basketball championship and completed the best season to date in interdepartmental basketball.

This is the second consecutive year the Group Six cagers have walked away with first place in basketball. They completed this year's season with nine wins and one loss. Last year they were undefeated.

The Bolton Barn bucket shooters put up a tough fight for the crown but wound up in second place with eight wins and two defeats. Third place in the league went to the 67th AAA team with a 5-3 tally.

DON ANDERSON, Recreation Director, said this season topped last year's in many ways. Attendance and attitudes of the players were excellent. There was no "pressure" basketball — just a group of boys out for a good time.

High lights of the season included the Group Six - Bolton Barn game of February 9. Both teams were tied for first place and the winner of the game would probably win the title also.

IN THE FIRST quarter both teams exchanged basket for basket. However, Group Six outplayed their opponents at the foul line and took a 10-7 lead. Cautious basketball was also played the second quarter and Bolton Barn managed to cut the lead one point, 16-14.

In the third quarter both teams loosened up a little as they scored nine points. Then in the last quarter Paul Proctor put on a burst of speed with 10 points and led his teammates to a 39-23 victory over Bolton Barn.

Leading scorers for the season were **Paul Proctor**, Group Six, 142 points; **Jim Hughes**, Inspection, 130 points; **Leroy Peoples**, Bolton Barn, 117 points; **Bob Kauffman**, Inspection, 105 points; and **Carl Addis**, 67th Group, 101 points.

The best foul shooters were **Dick Heckathorn**, 67th Group, 22 for 29 tries; **Harold Horner**, Roads and Grounds, 26 for 40 tries; **Carl Addis**, 67th Group, 29 for 50 tries; **Lou Kamer**, Group Six, 21 for 35 tries; **Leroy Peoples**, Bolton Barn, 27 for 48 tries and **Paul Proctor**, Group Six, 27 for 48.

Final standings for the season are as follows:

Team	W	L
Group Six	9	1
Bolton Barn	8	2

Eat Breakfast Every Morning

Many people find that the demands of a job, of everyday working, take so much out of them that they feel all used up by the end of the day.

This is apt to be literally true, especially if they haven't had a good breakfast.

In fact, four out of 10 workers leave for work with NO breakfast. And the figures about the amount of energy used up even in a desk job makes it plain why that "all gone" feeling comes over those workers about 11 in the morning.

IT WORKS something like this: When you get up in the morning, you've been without food for a good many hours. You're empty of food which your body requires as fuel to keep you going besides

the regular supply of vitamins and minerals it needs every day. And yet you are not likely to know it — at least not in the sense of feeling hungry.

If the rush off to work on a standard breakfast, you may seem to get along for a few hours. But sometime around mid-morning the clock has a hard-to-resist attraction for your eyes, and you can't wait for the hands to hit your lunch hour. This is the time when mistakes are most apt to happen.

Fortify yourself with the combination that insures against errors caused by fatigue: A good night's sleep and a really basic breakfast, such as fruit, eggs, toast, cereal and milk.

(—The Equitable Life Insurance Society.)

FISHERMEN? TAKE NOTE!

There were a total of 1479 fishing law violations in 1955. Again showing that it doesn't pay to go fishing without a license. Alert Wildlife Management Agents (game protectors) made 1180 arrests of residents in Ohio for fishing without a license.

Beware — fines cost a lot more than the cost of a fishing license



JUST LIKE A LADY — A perfect choice for your new spring suit is this demure jewel-pierced button-up suit tailored in finest worsted. Available in three proportioned sizes for your exact fit.

67th Group	5	5
Roads and Grounds	4	6
Inspection	3	7
Left-Overs	1	9

Lady Keglers Represent RAI In Portage Events

Ravenna Arsenal was well represented at the Portage County Women's Bowling Tournament.

Four teams from RAI entered the competition with many girls entering the single and double events. As yet the stars aren't available, but should be in the next issue of the NEWS.

Speaking of bowling, let's take a look at the standings for the RAI Women's League.

Team	W	L
Inc. Spotters	50½	37½
Barn Stormers	49	39
Few Strikes	47½	49½
Cut-Ups	47	41
Gear Jammers	47	41
Mis-Fires	45	43
Lucky Strikes	39	49
Rockettes	27	61

This Is It

On our preview poll, most everyone said this was a can of assorted nuts. Well, it's not.

If you'll take a little closer look you can see that this is a variety of all sizes, shapes, colors and kinds of chewing gum.

Now don't misunderstand us. Chewing gum is a fine thing, in its place. It strengthens jaw muscles, relieves tension, is an outlet for nervous energy, makes a loud noise and does all sorts of other useful things.

However, "its place" is not stuck on furniture. Last week 11 pounds of chewing gum were scraped from under the tables in a local restaurant.

Coming up next month is the anniversary issue, plus a special tribute to secretaries called "The Girl With The Halo."

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The Week When Christ Did Die

By Ruth Laurel Craver

*If given just one week to live
Of all the weeks gone by,
I think I'd choose the Easter Week,
And here's my reason why:*

*I'd rise with Him on Friday morn,
And with my Lord I'd pray;
For, as my Savior, I would know
This is our Father's way.*

*And in that place I'd kneel with Him,
And once His prayer begun
I'd hear from Him those precious words;
"Not mine, but Thine be done."*

*And then while yet we're kneeling there
In all the garden's bliss,
A man will come and Him betray
With just one little kiss.*

*Ah, yes! My Lord will be betrayed
By one He loved and knew --
By one He thought to be a friend:
"They knew not what they do."*

*And, then in fit of doubt and rage,
They'll sentence Him in fright
To die the death of common thieves:
Alone He'll stand that night!*

*And then the mortal hour arrives,
The earthquakes shake the lands;
And there midst death He'll cry aloud,
"Father, into Thy hands . . ."*

*The thunders clash, the rains beat down,
The earth and rocks do shake;
And God takes back His only son --
Our place in Heav'n to make.*

*At night we'll come unto His cross
To take His body down;
We'll take it to a sepulcher
Out on the edge of town.*

*And there we'll gently lay Him down,
We'll wrap Him all in white;
They'll roll before the Savior's tomb
A stone to seal it tight.*

*Ah! How we'll sadly morn that night
The loss of one we love;
But we all know He's called to help
Our Fathers who's above.*

*Next morning when the women come,
They'll hear an angel speak;
They'll see the stone is rolled away,
"He's gone -- He whom you seek."*

*And oh! how gay we all shall be
To see the grave won o're!
To know the grave our Lord o're came
As prophesied before!*

*The birds shall sing their carols sweet,
The earth it songs employ,
Each flower shall ring a glorious hymn:
Ah, what time of joy!*

*And then we'll meet Him on the road --
He who o're came the tomb.
The spirit of God we shall receive
While in the Upper Room.*

*And too I'll be with those who watch
When homeward He doth go,
As upward He ascends to God
Through clouds as pure as snow.*

*Ah, yes, if given one week to live
Of all the weeks gone by,
I'm sure 'twould be the Holy Week --
The week when Christ did die!*

RAVENNA ARSENAL NEWS

Vol. 4, No. 13 RAVENNA ARSENAL, INC., APCO, OHIO March, 1956

Savings Bond Drive Begins March 26

The Treasury Department has asked the Firestone Company to conduct a 10-day person-to-person canvass of employees in all the plants to urge them to purchase U. S. Savings Bonds through the Payroll Deduction Plan.

The drive began at Ravenna Arsenal on March 26 and will continue through April 4.

RAI will be competing with all the other plants to attain the highest rate of participation on the Payroll Savings Plan. At the present time 84.1 percent of employees are buying Savings Bonds by making deductions from their earnings.

During the campaign, department managers, foremen and supervisors will contact every person in the plant. The amount of deduction will be determined by each employee as he enrolls in the plan. Employees

already purchasing Bonds on the payroll system will be asked to consider increasing the rate of their savings schedule.

While there will be no quotas, the plant's goal is 100 percent participation in the Payroll Savings Plan, R. B. Rouso-manoff, Drive Chairman, announced.

"Since the Government is particularly interested in the number participating in the Deduction Plan, everyone at the plant will be urged to sign up and save the easy, systematic way," he said.

To The Ravenna Arsenal Employees:

Throughout the years, we Americans are asked to contribute money to one cause or another for the purpose of helping our fellow man. Most of them are worthy and fully deserve our support.

During the 10-day period beginning March 26 and ending April 4, employees of Ravenna Arsenal will be asked to make an investment instead of a contribution. They will be asked to purchase United States Savings Bonds.

May we remind you that every dollar that you invest in savings bonds does double duty. It not only worked for your country but also works for you. In less than 10 years, you get back one-third more money than you pay for the bonds and their cost value is guaranteed by the United States Government. This truly represents one of the safest and surest investments in the world.

By investing to the limit of your ability in United States Savings Bonds you help finance your government in the way the best strengthens our whole economy and, at the same time, strengthens your personal financial security in the years to come.

H. M. KRENGEL,
General Manager

LT. COL. T. M. SCOTT, JR.
Commanding Officer

Cub Scouts Enjoy Blue, Gold Banquet at Recreation Hall

(Picture on Page 5)

Nearly 200 Cub Scouts and their parents met February 28 at the Arsenal Recreation Building for their annual Blue and Gold banquet. Cubs were present from the Apco, Charlestown and Edinburg Dens of Cub Pack 3557.

Following the venison dinner, Den. No. 6 of Edinburg acted as color guards and marched in carrying the flag. The flag ceremony was conducted by C. W. "Benny" Steigerwalt, Assistant Cubmaster for Den 6.

The dens of Cub Scouts and their Den Mothers were then introduced.

H. M. KRENGEL, General Manager of RAI, and **LT. Col. Thomas M. Scott, Jr.**, Commanding Officer, were also introduced and spoke briefly to the group on scouting.

An interesting account of the pack history to date was given by **Edward Wadyka**, Past Cubmaster, and **H. L. Sorensen**, Chairman of the committee, gave a short talk on boys entering into the Webe-las. **Royal Wymer**, Assistant District Commissioner, pointed out the importance and interest of Boy's

Life Magazine versus popular comic books, and also spoke on parents part in cubbing.

Following the program two films of cartoons were shown, and credit for a very successful evening should go to **G. R. Sanders**, Cubmaster, and to all the Den Mothers.

Don Williams' Son Gets Eagle Scout Award

Ronald Williams, an outstanding Canfield Boy Scout, received Scouting's highest honor March 7 when he was presented the Eagle Scout Award. The ceremony took place in the Canfield Methodist Church. Fifteen-year-old Ronnie, son of Mr. and Mrs. D. A. Williams, is associated with Post 25 Explorers of Canfield. His father is chief ammunition inspector here.



'Voice Of Firestone' Gets Fourth Award

"The Voice of Firestone" received its fourth recognition award of the year as the National Association for Better Radio and Television cited it as the outstanding program of classical music in both radio and television categories. The Company program was the only one to win two awards from the Association for 1955.

Other awards to the Firestone Company during the past year were:

Chamber of Commerce of the United States "for its contribution to American culture through the simulcast of the 'Voice of Firestone.'"

Sylvania Television Award "for the best musical series of 1955. . . In presenting as guest artists some of the outstanding singers of our time, it has brought unending pleasure to the public and has made a real contribution to the American musical scene."

Governor's Award of the State of Ohio to the "Voice of Firestone" for consistently furthering culture in entertainment.

You Bet Your Life

Personally, I think the man who tries to beat the confidence men at their own game is a pretty stupid gambler; but the man who risks his life, or his arm or leg in order to gain a few seconds is such a wild-eyed speculator he makes the people who just gamble with money look like conservative bank presidents.

* * *

If we wanted to bet on the horses or try to beat the one-armed bandit, the most we could bet would be what little money we have; but if we start betting our lives, then we are betting every pay check we will ever own from here to the end of our working life.

* * *

Even the most crooked gambling deals, with the biggest cuts to the house, offer us at least a chance to repeat a big harvest with a small investment.

* * *

The risk we take when we come close to an accident reverses these odds. In this case, we bet EVERYTHING, and the best we could hope to win would be a few seconds or the chance to duck a little work.

* * *

If you are determined to gamble, why not pick the bets that give you at least a sort of half-way break — like betting on your favorite football team to come through the season without losing a game?

* * *

You may lose the bet but you will only be out a few dollars. If you toss away security of life and limb, you'll lose everything you have and everything you hope to get.

—Safety Journal

What Is It?



For the answer to what this is, please see "This Is It" on Page 6.

Ravenna Arsenal NEWS

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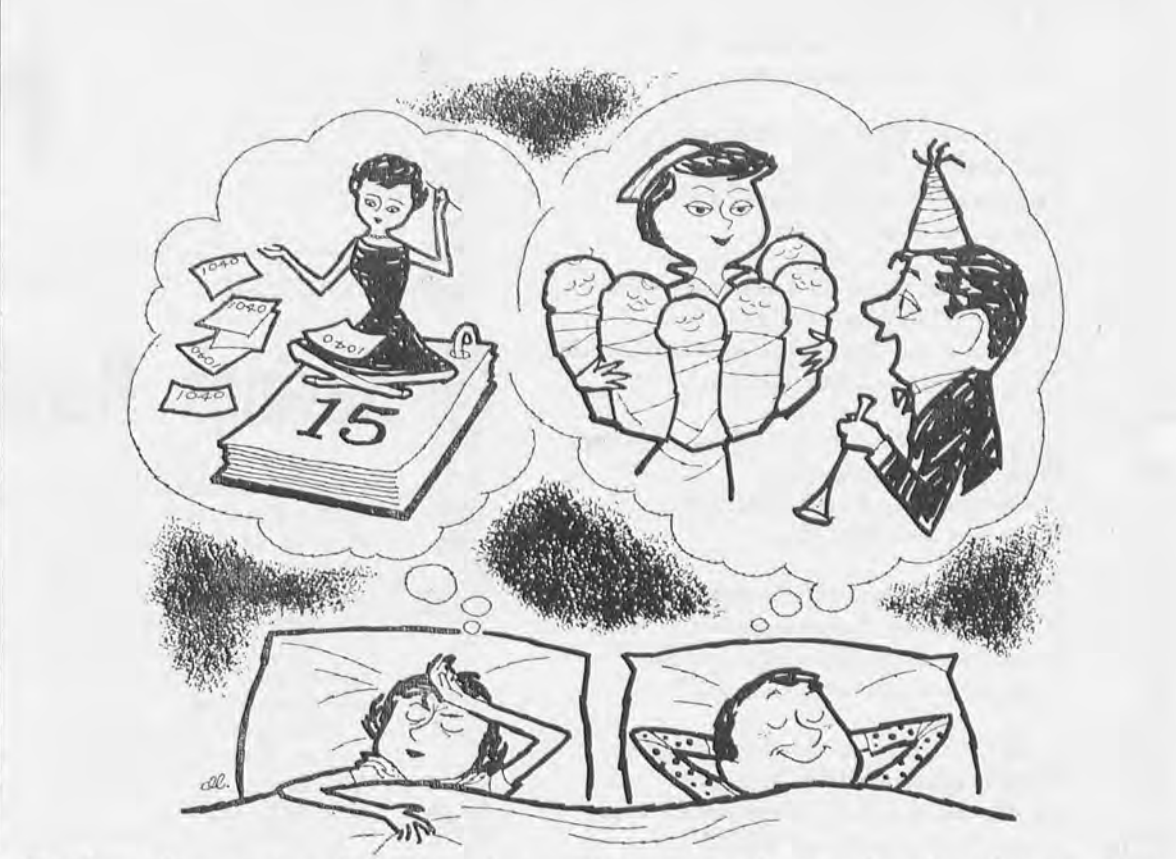
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Guard Force — Louis J. Blake.
Nationwide Food Service — Eva Snyder.

An Income Tax Dream



(Based on information from the American Institute of Accountants, the national professional society of certified public accountants.)

* * *

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* * *

Tom looked at Betty over the breakfast coffee. "You tell me your dream and I'll tell you mine."

"It's not very romantic," she said. "That old income tax blank was on my mind and I had a nightmare. I dreamed I was sitting on a giant calendar, turned to April 15, and as I finished each page of the tax form another page was suddenly added on!"

"It's April 16 this year," Tom reminded her. "Anyway, I did better than that. I was dreaming of all the things that would cut down my tax."

"Such as?"
"Such as that you presented me with sextuplets last New Year's Eve — just in time to give us a \$3,600 tax exemption."
"I did WHAT?"

"... And the tax-exempt interest on all my holdings of state and municipal bonds," Tom went on, "and the special credit on about a million dollars in dividends... and the depletion allowance on my oil wells..."

Betty relaxed with a sigh. "You are a dreamer!"

Find Tax Savings

That evening Tom and Betty came down to earth. They read the instructions which came with the tax form and found some tax savings they could use. Perhaps you can use them too.

For one thing, Betty had worked part time and was planning to make out a separate return to get back the tax that had been withheld from her pay.

"Oh no," Tom said, "if you did that we couldn't file a joint return. I'd have to use a separate return and pay at a higher rate."

Most married couples can save by filing a joint return. Tom and Betty did so — and of course they included Betty's earnings and took credit for the tax withheld by her employer. They started to work on the regular Form 1040 and decided to fill out 1040 in detail instead of taking the standard deduction.

Tom and Betty had the tax forms and instructions on the table. They gathered together a scratch pad, check stubs and a set of envelopes containing the receipts they had collected during the year. Tom went out to the car and got the notebook he had been using to keep track of car expenses. Now they were ready to begin tax figuring in earnest.

"Let's fill out a trial form in pencil first," Betty said, "so we'll have everything right when we make out the official return."

Exemptions

After their names, address, and

instructions told him that an employee can exclude from his income any payments up to \$100 per week from his employer (or insurance company) while absent from work because of sickness or injury.

"I guess it was lucky I had to go to the hospital," he added. "If I hadn't been there at least one day I would have to pay tax on the pay I received for the first week I was sick." He wrote out a brief explanation to attach to the return.

Figure Deductions

Having subtracted his sick pay from his wages, Tom went back to the medical expenses and figured that he was entitled to nearly \$100 deduction because he had spent that much more than three percent of his gross income — not counting benefits from health insurance. From his notes of the scratch pay he worked out other deductions: interest paid on the mortgage and on a small loan from the bank, charitable contributions (including the value of clothing and other goods given to the church rummage sale), real estate taxes on their home, sales taxes and the damage done to their roof in a storm.

"Why did you bring your car expense book?" Betty asked.

"Gasoline tax," was Tom's reply, as he added up his deduction for the state tax on gasoline he had purchased during the year.

"Now what are you doing with that child care deduction?" Betty exploded. "You're really getting deduction-happy. I can hardly remember when Bud was under age of 12!"

"It's not for Bud," Tom explained. "The same deduction applies to care of a disabled dependent. Remember, we had a woman to take care of your mother while she was staying with us and you were working."

"Look a bit further, dear," said Betty, pointing to the maximum deduction of \$600 for 'child-care' must be reduced by the amount our gross income exceeds \$4,500 — in other words, since our income was more than \$5,100 no deduction for us!"

Tom had to admit his wife was right. Although he was disappointed this time, he found that he had listed enough deductions to make them eligible for a refund. As both of them signed the return, he said: "I'm glad we started this early. The sooner we get it in, the sooner we'll get our refund."

Side Glances

Janitor Service

Welcome back to Clare Custer who was ill for many weeks... Willis Morris is still in the hospital and has one more operation to undergo.

Charley Matthews wife is visiting their daughter in Valley Head, W. Va. . . . Birthday congratulations are in order for Charley Davis and Donald Bunkofsky.

Many happy returns to Mr. and Mrs. O. A. Moodie who celebrated their 11th wedding anniversary on February 22.

Thought for the month: Never criticize anything until you know all the facts and give it a fair try.

Load Line Three

Our sympathy is extended to James Metcalf on the death of his father and to Royce Norvell and family on the death of his wife's mother.

Oliver Joiner, Department 86, is back to work after a bout with pneumonia.

P. E. & I. Division

Don Williams and his wife enjoyed touring Florida on their recent vacation — Don tells us the Fountain of Youth did wonders for him!

Here's hoping Elbert Eckert, Materials Inspector, recovers soon from his lengthy illness... Jane Mesko's birthday was celebrated March 12 when cake and coffee was enjoyed by the P. E. & I. office personnel.

Get well wishes are sent to Walter Harvek, who underwent a serious operation recently... Millie Mischevich is presently on vacation, enjoying herself at home, and our thanks to Gertrude Kendall for reporting the news in Millie's absence.

Comptroller's Division

Welcome to Mary Ann Siglow who transferred from Production Planning to the Steno Pool... Attending the Flower Show in Cleveland were Lila and Bill Williams and daughters, while Frances Brackie and husband enjoyed seeing Cinerama Holiday in Pittsburgh.

Bea Schaffer spent her vacation busily working at home... Best wishes to Helen Janacek and Ben Liston who will be married April 7... Welcome to Bernice Tubman who transferred from Building 808 to General Accounting.

Guard Force

Our deepest sympathy is extended to William Burnip of Alliance on the recent death of his father, Thomas Burnip of Lisbon.

Back home after a pleasant trip to Lexington, Ky., are Kenny and Pat Cox... Enjoying early vacations this year were Paul Dustman, William Jones, Al Swartzlander, Frank Sears, Robert Griffin, William Cox, Francis Wolfe and Clyde Keeler.

A quiet celebration at home on March 13 marked the 16th wedding anniversary of Louis and Catherine Blake... Orlie Hicks and family motored to Green Sulphur Springs and Beckley, W. Va., where they spent a weekend visiting their parents.

In the last issue of the NEWS, Frank Supek's name was inadvertently omitted from the list of guards having perfect attendance for 1955.

Depot Area

Jesten (Mike) Horner of U-7 spent a few days in Green Cross Hospital for a check-up, and at last report is classified "fit to go"... Belated congratulations to Clayton McGee who completed 15 years here last November 25.

Jim Hoover enjoyed a vacation by flying his family to Florida in mid-February... Garfield Boykin vacationed the week his new daughter was born in order to perform the housework.

Welcome to Don Clark who transferred to U-5, replacing Dave Wilson who has left the Arsenal... Bob High returned to work following a month's illness... Santos Garro of IW-1 is on the sick list.

Otto Villars, father of William of U-14, passed away February 20 in Warren. Besides William he left another son, two daughters and seven grandchildren.

William Voll of U-7 vacationed with his family and mother, Ann of Engineering, for a two-weeks sojourn in Florida... Congratulations to Jesse Whiting who completed 14 years here on January 31.

Transportation

Enjoying the Home and Flower Show in Cleveland were Sally Payovich and her husband... Mary Jane Hollenbach is back to work after a session with the measles!

Heartly congratulations to Bill Bowers who was 68 years young on February 28... And congratulations to Fred Cooper who was recently promoted to traffic supervisor.

Department 10 is happy to announce 100 percent participation in the Red Cross Drive... We received a card from E. E. Montz, former night shift handyman, who is enjoying the sunshine of Florida.

Sona Lee vacationed at home, but enjoyed it because she spent much time playing with her small son... We're happy to see Shorty Hall back with us fully recovered from his appendectomy.

We were sorry to hear of the death of Pershing Edwards's mother, Maude Edwards of Woodstown, N. J. . . . Our sympathy to Ray Wells whose wife passed away March 2.

We're happy to find Duke Turner's mother is recovering nicely from her emergency operation.

F. S. Raymer, conductor, says his wife will be in Cleveland Clinic for cardiology tests. If the results are satisfactory they intend to spend two months on vacation in Florida.

Hi Starkey reports his youngest son, Harry, was given emergency treatment at Robinson Memorial Hospital March 5 for a laceration of the lower lip.

Bernie Ashcraft is back to work after a brief illness... Eddie Cannistra is happy to report his wife has fully recovered from an operation undergone in a Youngstown hospital.

Just recently K. O. Flesher visited the home of George Eaton, B & O Railroad agent assigned here until November when he was stricken with illness. Mr. Eaton is rapidly gaining strength and may be back to work in the near future. By the way, George, who had never done any painting in his life, has taken up the hobby. He says it's good for the nerves and has turned out several good pictures.

G. E. Griggy and T. J. Mellesky were water skiing two weeks ago, but never again. This is the story briefly. Hearing so much about the (Continued on Page 6)

Introducing . . . The Traffic Department

All incoming and outgoing shipments for Ravenna Arsenal and the Keystone and Plum Brook sub-installations are handled and cleared through the RAI Traffic Department.

During an average month, the Traffic Department will issue and complete 500 bills of lading covering outbound shipments, process and complete 600 inbound

bills of lading and produce and mail 17,000 Army Shipping Documents.

Traffic workers will forward 300 carloads of goods and receive 350 carloads forward 230 truck loads of goods, receive 500 truck loads, and issue and receive about 350 teletypes.

Who is responsible for all this paper work? The pictures surrounding this article will give you the answer.

* * *

* * *

* * *



BILLING — Sally Payovich (foreground) is the outbound billing clerk and Martha Spahn handles all the inbound billing. Together they accomplish all reports, records, Government and commercial bills of lading, teletypes and demurrage records and all miscellaneous duties required for inbound and outbound goods. Fred Cooper is the traffic supervisor in charge of office personnel. He checks rates, routes, and description of all outgoing shipments and assigns and distributes work to all personnel.

Stork Club

Mr. and Mrs. Orlie Hicks of Lake Milton are the proud parents of their first child, a daughter. Little Katrena Lynn was born January 29 and weighed 5 lbs. 12 ozs. the new father is an Arsenal Guard.

A 7 lb. 10 oz. daughter, Marina Annette, was born to Mr. and Mrs. Johnny Dix on February 18. The little girl's father is employed in Department 81 Line Three.

Congratulations to Mr. and Mrs. Carl Buterbaugh on the birth of a boy March 19. Little Watson John weighed in at 8 lbs. 15 ozs. His father works in Ammunition Inspection.

Mr. and Mrs. Marzette Hawkins are the new parents of a baby girl. Mr. Hawkins is employed in Component Stores.



DOCUMENT SECTION — Mary Jane Hollenbach (foreground) is in charge of the Document Section. Assisting her is Charlene Horn. They compile, issue and distribute all shipping orders and route slips for outgoing shipment. They also issue mail and distribute completed War Department Shipping Documents and maintain a complete file of directives for preparation and mailing of the completed shipping documents.



CUB PACK 3557 — Here's the group of Cub Scouts from Apco, Edinburg and Charlestown who celebrated their Blue and Gold Banquet February 28. Members of the Apco troop (circled in white) are left to right: Jimmy White, Mark Sorensen, Charles Bognar, Gary Rogers and Mark McEwen. Den mothers for the Apco troop are Mrs. H. L. Sorensen and Mrs. T. R. McEwen.

Famed Jo Portaro Appears At Ladies Club Style Show

Some of Jo Portaro's beauty secrets were disclosed to about 400 women — and several men — attending the Ravenna Arsenal Ladies Club style show March 14.

The well-known Cleveland beauty expert, with his staff of assistants, appeared in the Recreation Building at the Arsenal to demonstrate facial make-up and correct hair styles. Prior to the show an analysis chart was made up for each woman in the audience.

Ten women were selected from the audience for a "before and after" demonstration by Mr. Portaro following his introduction by Mrs. Pat Cameron, Ladies Club prexy.

MR. PORTARO ILLUSTRATED with charts the proper methods of arching and grooming eyebrows and application of make-up to bring out a woman's natural beauty. He also discussed good posture and clothing styles.

Mrs. Fern Morsch served as narrator for the showing of beautiful new Spring fashions from Kay's Fashions of Newton Falls. Versa-

tile Mrs. Peggy Kernstock opened the fashion review with a pantomime showing "how an old-fashioned girl and a modern girl would dress for an evening out."

Modeling for the show were Kathy Branfield, Janet Stewart, Jo Parks, Melva Carley, Marilyn Rice, Marty Gay Scott, Estella Pavlick, Martha Simmer, Jackie Lynds, Jackie Powell, Catherine Cosby, Dorothy Conner, Virginia Sorensen, Peggy Kernstock, Sophia Annos, and Nancy Quade.

Door prizes were compliments of Greene and Kertscher, Edmiston's Nature Shop, Majestic Dry Cleaners, Kay's Fashions and Jo Portaro.

Decorations were furnished by Beaux Arts, Ravenna, and the W. W. Lawrence Paint and Wallpaper Store, Warren.

Proceeds of the show went to the Portage County Preventorium.



THE "AFTER" LOOK — Mr. Portaro demonstrates the "after" look on June Burkey. In the background, Model Joann Olson is changing Mrs. Arch Graham's make-up.



GEARED FOR PLAY — Jackie Lynds models aqua Cotton plain Bermuda shorts, blouse and new calf-length socks. Jackie is the daughter of Mr. and Mrs. D. E. Lynds.



HERE'S Marty Gay Scott modeling aqua plaid rainwear to brighten up a rainy day. Marty is the daughter of Lt. Col. and Mrs. T. M. Scott.



PRETTY, PERKY Peggy Kernstock opened the fashion review with a pantomime comparison of the old-fashioned girl and the modern girl.



AND, HERE HE IS! There was an audible sigh from the ladies when Mr. Portaro appeared on the stage. And we noticed all the men in the audience listened attentively, too.



MEDICAL AWARD CEREMONY — Present for the ceremony in which the Arsenal was presented the Occupational Health Institute's Certificate of Health Maintenance were Dr. A. L. Knight, Medical Director; H. M. Kregel, General Manager; H. L. Sorensen, Industrial Relations Manager; Dr. Kline, OHI's Regional Director; Simpson Proctor, Ordnance Public Relations; Lt. Col. T. M. Scott, Commanding Officer; and Maj. Richard Cameron, Executive Officer.

Certificate of Health Maintenance Is Presented to Ravenna Arsenal

Ravenna Arsenal was honored March 12 for providing employees with the best kind of constructive health service aimed at keeping workers well and cutting the frequency of accident and disease.

At ceremonies in Headquarters Building, the Arsenal was presented the Occupational Health Institute's Certificate of Health Maintenance, signifying our health service meets standards set by the medical profession.

THE CERTIFICATE was presented to Lt. Col. Thomas M. Scott, Jr., Commanding Officer, and H. M. Kregel, General Manager, by Dr. E. M. Kline, Regional Consultant of the Occupational Health Institute.

The Institute is a national organization sponsored by management and the medical profession to assist industry in establishing sound employee health programs and in dealing with specific health problems.

In accepting the honor, Colonel Scott said credit was due the entire Arsenal working force, and particularly to the medical staff headed by Dr. A. L. Knight.

TO CARRY OUT a program of this kind, management can only provide the facilities and the staff. The medical schools and hospital teaching centers must produce skilled doctors, nurses and technicians imbued with the philosophy of preventive medicine as well as an understanding of industry and its problems.

Labor must help educate people to use Company facilities and take advantage of opportunities for voluntary periodic health inventories.

Dr. Knight described the Arsenal's program as "a dramatic contrast to the old-fashioned company medical department which was nothing more than a first-aid station, seen only by the sick or injured employees."

He stressed the importance of periodic health inventory examinations, which has been given by the department to 70 percent of the employees.

"THERE IS NO overstating the value of a program like this," he said. "Here is a way to detect disease, whether cancer, heart, diabetes or many other conditions, in time for something constructive and curative to be done.

"It is impossible to measure the

net benefits of such a program in terms of improved employee morale, efficiency and productivity, and reduced absenteeism, labor turnover and compensation insurance premiums. But the most important benefit is in what programs like this, in Government installations throughout the country,

could mean in terms of community health and national production, strength and security."

The Occupational Health Institute, established under joint sponsorship of management and medicine, is a non-profit organization with headquarters at 6 East 39th Street, New York. Its purpose is to help management to establish sound health practices and programs, and to accredit those meeting the standards.

Children To Hunt Easter Eggs On 67th Headquarters Front Lawn

"Make like Peter Rabbit" will be the order of the day for the men of the 67th AAA Group on April 1, when children of Arsenalites gather on the Group Headquarters front lawn to search for Easter eggs.

Any child between the ages of five and 12 is eligible to attend the affair, which begins at 2 p.m.

Although it is not necessary, it would be appreciated if parents of

the children attending would contribute a dozen hard-boiled eggs or the price of same in cash.

Capt. Paul A. Morsch, Headquarters Battery Commander, said men of the group are planning to "make this a day the children will long remember."

Eggs for the hunt should be left at the Special Services office in the Group Headquarters Building before 8 a.m. March 27, to allow enough time for coloring.

'Take The Axe'

You're a 20th Century Robinson Crusoe. The only survivor of a shipwreck. The vessel is about to break up on the reef. You can carry something ashore; not much. At hand are canned foods, a radio, an axe, clothing.

What to take? The decision will mean life or death on the desert island.

You could take the canned foods. But shortly you'd have nothing but empty tins. The portable radio — for the sound of human voices in your loneliness? But you can't build a shelter with run-down batteries. Clothing? It would soon rot away.

YOU TAKE THE AXE.

Now you have a tool. With the axe you can build shelter....defend yourself....kill animals for food....chop firewood. The axe multiplies your strength and skills.

Man, by himself, is a pretty puny fellow. But give him an axe and he's a world-beater. Better yet, give him as assembly line, machine tools, horsepower — and he'll provide the luxuries of peace or if need be, the sinews for defense.

We in America have chosen to take the axe, the tool — on a vastly magnified scale. This choice — of tools to produce more — has helped us to live better. Better than any people, anywhere, at any time in history.



WHALE OF A RIDE — Captain Ahab (Gregory Peck) clings to the back of his murderous enemy, the white whale Moby Dick, and strikes again and again with his lance. The scene is from the motion picture "Moby Dick," which was adapted from the Herman Melville classic whaling story and was produced and directed by John Huston for Elstree Pictures Ltd. The film will be distributed throughout the world by Warner Brothers.

Company Gets Whale Of Job!

When Arsenal employees see the new motion picture "Moby Dick," starring Gregory Peck, they will see in it a monument to engineering skill in which Firestone played an important part.

That monument is the huge whale of the famous novel by Herman Melville which has just been filmed for the third time — at a cost of more than \$4 million in technicolor and cinemascope.

The Firestone employees concerned are the people at the Spanish plant in Bilbao, who in 24 hours solved the problem of making the whale float, providing foamed latex material to cover the animal.

GUIDED BY his passion for the greatest authenticity possible, John Huston, producer and director, had several whale models made he was satisfied. Moby Dick had to be a monstrous inhabitant of the sea, covered by water and foam, that would blow and turn, flail its tail, and devour boats and men.

The whale is really a metal frame covered by a plastic compound similar to mica, which is in turn covered with foamed latex.

One whale had been built and used successfully in filming part of the picture in Ireland, Wales and London. The cast then sailed for the Canary Islands to finish the picture. The artificial whale was towed by one of the ships contracted for the filming, but the expedition ran into a storm and the whale was lost.

Arriving in the Canary Islands, the crew started to build a new whale and finished it in record time. The animal's "meat" and "skin" were lacking.

CABLES WERE SENT to several companies in an effort to get the

material and Firestone Hispania was one of the companies consulted about whether the special latex for the whale's covering could be prepared and delivered to Madrid within 24 hours.

Three technical men started in the morning to work feverishly to compound the material. They were Angel Unda, chief chemist; Hilario Arrizabalaga, production manager, and J. E. Paquet of the Fall River (Mass.) plant who was assigned to the Bilbao plant temporarily.

Many tests had to be made on the special material and by afternoon the men had come up with a white foamed rubber latex which would give results.

A heavy bale was covered with the material and was tested in pure and salt water — in the Bay of Plencia — and the bale floated. Specialized men and women at the plant worked all night to produce 880 pounds of the material and the following morning it was sent to Madrid by truck and from there a plane took it to the set of "Moby Dick" in the Canary Islands.

Under the skin of the whale is a spongy substance similar to Foamex, into which, for the necessary scenes, a red aniline milled with an oily chemical is injected. Because of this, when a harpoon or lance penetrates it, the whale seems to bleed. A rotating mechanism turns the central part of the whale, to achieve a final detail of realism.

It Never Rains, But...

The wind makes up for it! "It's an ill wind that blows no good" is A. J. Pearce's opinion of a recent storm in this area.

To get the evening off to a good start his son, Howard of Windham, phoned to say his car was completely burned inside from a short circuit.

Just as Mr. Pearce hung up the telephone after contacting the insurance company for his son, the wind tore his television antenna off the roof and smashed it onto the ground.

LATER, when he returned from a hospital visit with a friend (Fred Sheffler of Line Maintenance), he was called by his second son, George of Southington. George's trouble was triple that of his father's.

The wind had also blown George's antenna down, but what was worse, the wind had blown down a tree and smashed it into

the neighbor's house, causing extensive damage all around the area.

Then to top that, George's airplane, parked at Southington Delightful Airport, was torn loose from its moorings and had a smashed wing and hood.

We join with Mr. Pearce in wishing for a "nice, quiet, calm spring."

COURTESY PAYS

In Alexandria, Va., a motorist, arrested for speeding, showed up to pay his fine and presented the police with a cake. He said, "These fellows were so polite, I decided to bake them a cake."

...AND PAYS

A Camden, S. C., motorist noticed a car trying to pass him. He waved the auto around him and as it passed, two \$1 bills blew out from it and into his car.

RAI Payroll Department Has Year-Round Job

The Big Story Behind Your W-2 Forms

If figuring your income tax gives you a headache, just think of the men and women who must process and tabulate those small but vital sheets of paper . . . your withholding statements or W-2 forms.

Did you know that your W-2 forms were fed, stuffed and burst? Sounds like they are greedy little things, doesn't it? But it's all true. The forms were "fed" into IBM accounting machines; they were "burst" apart which means the three copies were torn apart, and finally the two carbons were "stuffed" into the pay envelopes.

By January 31 all RAI employees received two of these forms in their pay envelopes. Most often we never stop to think where these forms came from. Who did all the figuring for the thousands of employees? How was it done? How long did it take?

THE PAYROLL DEPARTMENT, which maintains statistics throughout the year on the gross pay for clock and salaried employees, also makes out the annual withholding statements for these same workers.

A look into Rooms 120-122 of Headquarters Building — the Payroll Department — shows what goes on. It takes about 8,000 specially punched cards to do the job of making out the 2,000 W-2 forms. Five people spend from four to 52 weeks accumulating the figures for the job.

Each week during the year members of the Payroll Department punch tabulating cards showing each employee's gross and net pay for the week, total wages paid him for the year to date, amount of Social Security tax and income tax deducted. In this way they keep a running account of these totals.

When Income Tax time comes around, the employee's card for the last week of the year plus

three other punched cards bearing his name, street address, city and state are fed into the big IBM machine. There must be a card for every line of your W-2 form.

The IBM accounting machines then "read" all the information off the punched cards, digest it and compile your W-2 forms in triplicate. Special operators must set or wire the machines so that they know what they are to accept, add, multiply, subtract or reject.

YOUR W-2 SHEETS show your name, clock number, street address, city and state, total gross pay taxable for income tax withheld purposes, Social Security number, income tax withheld, amount taxable for Social Security purposes (the first \$4,200 is taxable — the machine must overlook any amount over that) and finally the amount deducted for Social Security.

When the sheets come out of the machines the carbon paper between the copies must be removed. The three copies which are attached must then be torn apart, the original sent to the Income Tax Bureau and the two carbons must be stuffed in your pay envelopes or attached to your pay check.

It's not an easy job. Although machines can do much of the figuring and tabulations, there is no machine to take out the endless string of black carbon or put the little papers into the proper envelopes.

Thus you see that it takes a great deal of time to process and tabulate those little white sheets that cause you trouble around April 16. The Payroll Department has done its part — now it's up to you to figure your tax and fill out your Income Tax forms.



PRINTING YOUR W-2 FORMS — The IBM Accounting Machine tabulates your W-2 forms as John McClelland feeds cards into the machine. Paul Knapp watches the operation. About 8,000 cards are needed to figure the withholding statements for Arsenal employees.



THOUSANDS OF ENVELOPES — The proper withholding statements must go in the proper envelope. Donna Hoagland starts the job of stuffing the pay envelopes.

Thanks

We wish to express our sincere thanks to all the wonderful people who volunteered their help to make our style show a great success. Your efforts were truly appreciated.

- The Ravenna Arsenal Ladies Club.



MILES OF CARBON — Marguerite Harris removes the miles and miles of carbon paper from the withholding statements. The forms are made in triplicate.



IT'S UP TO YOU NOW — And there you are, concludes Mary Thompson. The department's job is done, now it's up to the employee to send in his income tax statement.

Side Glances

(Continued from Page 7)
of his sister . . . Robert and May Hicks and their daughter, Arlene, spent a nice vacation at Green Sulphur Springs, W. Va., where Mr. Hicks has a beef cattle farm. Mrs. Hicks is a student at Kent State University.

General Stores

Alice Gerber spent her vacation visiting her brother in Clearwater, Fla. . . . Visiting in Washington, D. C. recently was Fay Holden. E. C. Amos was another Florida vacationer and Lillian Bowman visited her sister in Emlenton, Pa. while vacationing.

Transportation

Jennette Bell and family spent March 11 at the annual Cleveland Flower Show. There were several beautiful flower gardens displayed and it was a paradise for photographers with color film. The show was opened to photographers before noon that day so they could use their cameras before the crowd gathered. Jennette, an amateur, took several color shots and is anxiously awaiting their printing.

Darwin "Doc" Leggett, tire service man, took his vacation last month to enable him and his family to move into their new ranch-type house in Garrettsville.

Jack Brown spent his vacation in the windy city of Chicago . . . Also on vacation this month was Howard Duval.

We are sorry to hear of the misfortune of Howard Alexander's daughter's family. March 30, in the early hours of the morning, her home in Chardon caught fire from an oil stove and burned to the ground. The three children and the mother escaped, but Alex's son-in-law, thinking the youngest baby was in its crib, rushed back into the burning building, carried the crib to safety and then collapsed. He was taken to three hospitals before admission, due to his severe burns.

G. A. Burkey is spending his vacation working on his car.

Fred Cooper and family recently motored to Chapel Hill, N. C., where they enjoyed a few days visiting relatives.

Mary Jane Hollenbach is going to spend her vacation on a worthwhile venture — house hunting.

Charlene Horn and hubby began their spring traveling early, visiting relatives in Mt. Vernon over Easter, then heading for Timblin, Pa. the following weekend to see the other side of the family.

We feel very unfortunate in loosing F. S. Raymer to retirement. Mr. Raymer, a long-time conductor on the Arsenal railroad, has decided to take life easy on the banks of a beautiful lake near Fort Wayne, Ind. Mr. Raymer has been a resident of Ravenna, but claims Indiana as his native state. Mr. and Mrs. Raymer left for their new home April 7 and many friends gathered to bid them farewell.

C. J. Burns is on vacation. Trout fishing seems to be his principal interest . . . Welcome back to work to George Eaton, B & O railway agent.

Our deepest sympathy to W. W. Lemasters whose mother passed away recently . . . J. C. Shanks is back to work after a minor operation.

It's Spring!

Long it's been, and dark and cold,
And now comes slush and mud
As old Winter slacks it's hold --
But look! A tree's in bud!

Comes a sudden bitter blast,
But still the sun is there --
And you seem to sense at last
A softness in the air.

It's no longer just a dream
This lengthening of days;
Willows by the lake and stream
Unfold a golden haze.

You can scarce believe it's true:
In swamps the peepers sing.
Suddenly the sky is blue --
And suddenly -- it's Spring!

Carl Helm

Information For Fishermen

With good fishing weather in the offing, the Ohio Division of Wildlife has various informational material which will help fishermen find those good "biting" spots and what kind of bait and lures to use:

"How to Catch Fish in Ohio," 112 pages of information every fisherman needs, sells for 25 cents. A large colored map of Ohio showing lakes and streams and how to locate them is available for 10 cents.

The Division also has 68 individual detailed lake maps of Ohio's most popular lakes and each lake map can be had for 10 cents or all 68 for \$5.

Requests for all material should be addressed to Fish Book or Fish Maps, 1500 Dublin Road, Columbus 12, Ohio.

Friendship is the highest degree of perfection in society.
— Montaigne.

Spruced Up For Spring



SPRING SUNLIGHT dances on the water in the Arsenal fish pond off Route 80 in the Depot Area. The Conservation Club recently gave this pond a "spring cleaning" as one of its projects. It has been drained, cleaned and refilled, and will be stocked about the first of June.

Ten Commandments Of Fishing

1. Thou shalt not let thy zeal for a fishing trip awaken thy household at 3 o'clock in the morning to prepareth thyself. If thee must ariseth so early, moveth quietly.
2. Keepeth thy fishing equipment in good condition.
3. Thou shalt not requesteth the lady of thy house to prepareth ambrosia or a hearty breakfast for thee. Prepareth it thyself, or stoppeth at an all-night cafe.
4. Thou shalt not utter profane words if thee discovereth an airless tire on thy means of transportation. Be thy own man Friday, and repaireth it thyself.
5. Driveth not like a demon to a bait camp, or to the fishing spot of thy choice. Taketh it easy.
6. Shouldest thou entereth other's property, remembereth that it is their kindness that permitteth thee to do so. Leaveth not an untidy spot and closeth all gates.
7. Casteth thy line into the water. The hook on thy line is to hooketh fish, not the ear, arm or garment of those nearest thee.
8. Useth thy good judgement if thou seest foul weather coming.
9. Thou shalt speaketh the truth when the day of fishing is over.
10. If these commandments thou obey, thou shalt have a pleasant day.

Stork Club

A son, Gary Philip, was born March 25 to Mr. and Mrs. Philip J. Larcus of Ravenna. The little boy is their first child. Mr. Larcus is a line planner on Line Three.

It's a boy for Mr. and Mrs. Christopher C. Henderson. Little Marvin Lewis made his appearance on March 27. His father is employed in Department 81, Line Three.

Mrs. A. M. Johns, daughter of Mrs. G. A. Kendall of Ammunition Inspection, gave birth to a baby girl on April 10. Little Deanna Lynn weighed 6 lbs. 14 ozs.

Mr. and Mrs. Stanley Kolacz of Charlestown are announcing the arrival of a baby daughter, Patricia Ann, born March 16. Little Patty has two brothers age five and eight. Mr. Kolacz is a maintenance man on Line Three.



CINDERELLA SLIPPERS — Glass-like Velon has been selected by Mannequin Shoes, Inc., N. W., for these dainty pumps. A special press-polished formulation of Velon vinyl sheeting is used for this purpose. It is highly resistant to scuffing and scratching, keeps its clear beauty for the life of the shoe, and may be cleaned merely by wiping with a damp cloth. Velon is a product of the Firestone Plastics Company, Pottstown, Pa.

POSTMASTER: If undelivered at the address shown, please send return address for which is guaranteed. Ravenna Arsenal, Inc., P. O. Box 99, Apco, Ohio.

Sec. 3668 P. L. & R.
U. S. POSTAGE
1/2c Paid
Permit No. 1
Apco, Ohio

Read "The Girl" story on
Page 6 to find the boss's
opinion of a perfect secre-
tary.

Vol. 5, No. 1

RAVENNA ARSENAL NEWS

RAVENNA ARSENAL, INC., APCO, OHIO

April 1956

217 Receive Service Awards on Fifth Anniversary

RAI Celebrates Five Years' Progress

Honor Roll

Congratulations to the following employees who have completed five years of service with RAI on or before April 2, 1956.

- | | | |
|--|--|---|
| DEPARTMENT 01:
H. E. Hoff
John Romanov | DEPARTMENT 51:
Everett E. Everhart
Eleanor Kerfoot
J. W. Matthews | Sanders R. Frederick
Walter Johnson
Matthew Lilly
Calvin Persino
Albert R. Potopovich
C. L. Richey
John D. Rogers
Leslie P. Steele
Walter Stephens
John J. Stoutamire
Willie F. Wright |
| DEPARTMENT 03:
F. M. Morris
Bertram Wright | DEPARTMENT 53:
Eugene H. Davis
Ronald J. Ruble
Everett E. Mitchell | DEPARTMENT 80:
Leo A. Bullinger
William N. Davis
Harvey H. Parks, Sr.
Claude W. Steigerwalt |
| DEPARTMENT 04:
E. C. Amos | DEPARTMENT 54:
William J. Bowser
John W. Hopwood
Albert T. Wilson | DEPARTMENT 81:
Mellad S. Abeld
David J. Bartlett
Arthur Brown
Russell Butler
John R. Carroll
Howard Curtis
William C. Davis
John A. Dix
Howard Douthard
Carl L. Gibson
C. C. Henderson
George B. Hensley
Ollie D. Hightower
Stephen M. Kolarsky
Robert N. Milam
Older Molden
Leo R. Maneypenney
James Novak
Bernard E. Pospichel
Robert Price
Orville H. Proctor
Willie M. Purnell
John H. Randie
George Reckner, Jr.
George Ryles
Leo G. Scruggs
W. L. Williams |
| DEPARTMENT 06:
J. F. Hall
Raymond Harvey
Dean Miller
Leonard E. Moore
W. R. Wells | DEPARTMENT 55:
John P. Talkowski | DEPARTMENT 82:
Charles W. Mason
Charles W. Morris
Lewis D. Parker
Ree Polidori
George G. Schultz
Robert Price
Hurley B. Stout
Orlean Sumrall |
| DEPARTMENT 08:
Ralph W. Binckley
Raymond J. Bradley
Walter M. Chlysta
Creston G. Kinsey
Anselie J. Miller
Cleo Newman
William K. Porter | DEPARTMENT 56:
T. R. McEwen
Dorothy M. Waltz | DEPARTMENT 83:
James L. Metcalf |
| DEPARTMENT 18:
Ralph W. Binckley
Raymond J. Bradley
Walter M. Chlysta
Creston G. Kinsey
Anselie J. Miller
Cleo Newman
William K. Porter | DEPARTMENT 58:
William S. Viall | DEPARTMENT 86:
Looney Barner
James W. Lumaque
Clarence M. McElroy
George Mohr
Donald L. Nelson
Royce Norvell
Robert Price
Estell Rogers |
| DEPARTMENT 30:
J. S. Walters | DEPARTMENT 60:
Howard K. Miller | DEPARTMENT 88:
Earl P. Babington
Gail Dean
Robert L. McDonald
Edward H. Moneypenney
Barney A. Mushrush |
| DEPARTMENT 31:
John R. Baryak
Hugh H. Claggett
W. J. Collins
Robert L. Crew
E. E. Davis
Eli E. Evanovich
William P. Fecteters
Stanley Kolacz
Edward K. Forsythe
Delbert Given
A. R. Hartwell
Lawrence Kester
Weston L. Maughan
Forrest D. McCloud
Raymond C. McKensie
Richard Pardee
James Purdy
John E. Rebie
G. E. Robertson
Samuel Scott
William Seminara
H. E. Stewart
T. E. Stewart
Verne H. Vanderboom
J. Delson Wilhelm
Paul Winkle
James H. Wise
Richard Wiseman | DEPARTMENT 62:
William H. Fortson
Frank Gregory
S. J. Johnson, Jr.
John O. Mathes
Raymond W. Plough
Zeke Weatherspoon | DEPARTMENT 132:
Frank Visocan |
| DEPARTMENT 33:
Essie Dennis | DEPARTMENT 65:
D. M. Williams | DEPARTMENT 202:
Delvin E. Lynds |
| DEPARTMENT 37:
R. C. Merrill
Tress M. O'Leary | DEPARTMENT 70:
O. K. Davis
John P. LaCivita
Raymond M. Johnson
A. V. Price
James V. Roberts
Eugene J. Thomas
Chalmer L. Vandale
Arthur Ardis
S. L. Beasley
Charles R. Hagans
Thomas Jackson | DEPARTMENT 632:
Luke A. Wadsworth |
| DEPARTMENT 38:
Virgil C. Bloomer
Alex A. Hanes
John S. Kaperak
Harold F. Klett
Paul H. Knap
Belvera Schaffer
Mary Z. Tompkins | DEPARTMENT 73:
Marion S. Glazer
Joseph Sase | DEPARTMENT 921:
Hugh Davison
Steve W. Homola
Carl V. Jones
Park W. Turner
Raymond O. Warren |
| DEPARTMENT 39:
Irene F. Myers | DEPARTMENT 74:
Kalep Gary
Herman E. Johnson
Buford J. Meredith
Claude Moore
Jerome Vinson
Hallman Williams | |
| DEPARTMENT 48:
Donald R. Anderson | DEPARTMENT 75:
Paul S. Bowen
Clifford O. Braham
Carroll L. Bruton
Danny N. DiMauro
John N. DiMauro
Paul L. Fellows
Elmer R. Fisher
Norman C. Hagans
Arthur Hazard
Thomas J. Hegarty
Arthur R. Ivory
Dennis Jordan
Frankie L. Mitchell
Edward Pinney, Jr.
Thomas O. Powers
Roy Richburg
Samuel Sharp
Charles W. Shuke
Claude E. Smith
John A. Smith
Leroy Smoot
Lawrence Steele
Thomas A. Tompkins
James Vickers
Claude Walters
Thomas Williams | |
| DEPARTMENT 49:
Lloyd A. Waller | DEPARTMENT 76:
Robert Banks
Norman Brisker
Willie M. Carpenter
Henry D. Carswell | |



NSC'S Award of Honor Presented At Meeting

On April 12, RAI celebrated its fifth anniversary as operating contractor of Ravenna Arsenal.

Since the take-over in April 1951 the contractor, a subsidiary of The Firestone Tire & Rubber Company, has established a record of operation which is a challenge to all other plants in the industry.

Guests at the anniversary dinner included H. G. J. Hays, Executive Secretary of the Ohio State Safety Council, Col. Henry Van Ormer, 6th Group Commander, J. L. Cohill, Assistant to the President, Firestone; and W. D. Gohr, Firestone's Director of Defense.

(Picture on Page 5)

Highlight of the anniversary dinner meeting, which was held at the Arsenal Commissary, was the presentation of the National Safety Council's highest award.

H. G. J. Hays presented the NSC's Award of Honor to H. M. Kregel, RAI General Manager, who accepted the honor on behalf of Arsenal employees.

Anniversary Greetings!

Early in April this year, Ravenna Arsenal, Inc. completed its fifth year of operation at the Ravenna Arsenal, one of the Ordnance Ammunition Command's largest installations. The Ordnance-Contractor team encountered and solved many problems in the course of operations but records on safety, cost and quality revealed just how well the job has been accomplished to date.

The plant is now being operated at a lower productive rate due to cut-backs in schedules, but should an emergency arise the facilities, resources, and personal know-how of Ravenna Arsenal would be able to meet the challenge of mass production for our Government's needs. Hopes and prayers continue, however, for the improvement of world conditions so ammunition products will not be in such great demand as they were during World War II and the Korean conflict.

On the occasion of our Fifth Anniversary, each employee is praised and thanked for his service and loyalty to the organization and for having made the past five years note-worthy ones. My personal wish is that each of you will continue to show the same spirit and enthusiasm to continue to make Ravenna Arsenal a safe and desirable place to work for the accomplishment of our future objectives.

H. M. Kregel
GENERAL MANAGER

In June of 1955 it was my good fortune to be assigned at Ravenna Arsenal as Commanding Officer, where on April 1, two short months before, Ravenna Arsenal, Inc. had celebrated its fourth successful year as operating contractor.

The reasons for these past successes soon became apparent as I, in assuming my new duties, grew increasingly aware of the outstanding spirit of cooperativeness, the desire to improve methods and procedures and the constant attention to housekeeping, maintenance and reduction in costs.

This past year has been no exception and although cutbacks in production schedules have necessitated reductions in the work force, the same high level of performance has prevailed to further establish this plant as one of the leaders in its field.

It has been another year which demonstrates the efficiency of a well-integrated Ordnance-Contractor team and I extend my heartiest personal congratulations with best wishes for the future, together with those of the entire Ordnance staff on this, your Fifth Anniversary.

Thomas M. Scott
COMMANDING OFFICER

MR. HAYS stated that the records indicate that eight people are injured outside industrial plants for each person who is injured within an industrial plant, and that the industrial accident prevention program carries over into the home. Therefore, a plant with a good safety record will have less employees injured in off-the-job accidents, which includes motor vehicle traffic safety.

Ravenna Arsenal minor injuries were 240 per million manhours worked in 1955. The average for this year so far is 138, which indicates still further improvement in the first three months of 1956. These minor injuries include splinters, small cuts, bruises and the like.

In addition to the Award of Honor, eight Awards of Merit from the Department of the Army were presented by Lt. Col. Thomas M. Scott, Jr., to H. M. Kregel, who in turn presented them to the di-

(Continued Page 4)



THE POWER OF AN ARROW — Piercing strength of an arrow was demonstrated at the March meeting of the Conservation Club by Herbert Spencer from the South Cuyahoga Bow Hunters Club. In the foreground is Daniel Whitney who shot the arrow through a gallon can filled with sand.

Club members also enjoyed a movie on moose hunting in Canada with bow and arrows which was procured by Capt. P. A. Morsch of the 67th AAA Group.

Company's Plant Publications Honored At Valley Forge

The Firestone Company's nine U. S. plant publications have received the George Washington Honor Medal for distinguished service from the Freedoms Foundation of Valley Forge, Pa., for "outstanding achievement in helping to bring a better understanding of the American Way of Life during 1955."

This is the fourth consecutive year that the publications as a group have received an award from the Foundation. In 1953 and 1954 they received the top award in the company employee publications category of the Foundation's annual awards program for their work in 1952 and 1953. In 1955 they won an Honor Medal for their work in 1954.

The publications are under the direction of the Firestone Department of Public Relations of which William D. Hines is Director. Mary Kerrigan is Supervisor of Employee Publications.

The publications in the various plant cities and their editors are: Firestone Non-Skid, home plants in Akron, Jean Sonnhalter; Firestone Californian, Los Angeles, Cal., Paul W. Neff; Firestone Southerner, Memphis, Tenn., Nick Pinter; Firestone News, Pottstown, Pa., D. E. Story; Firestone News, Gastonia, N. C., Claude Calloway; Ravenna Arsenal News, Apco, Ohio, Diane Barton; Firestone Hoosier, Noblesville, Ind., Kenneth M. Wright; Firestone Hawkeye, Des Moines, Iowa, Ralph C. Darrow, and Firestone News, Fall River, Mass., Thurlow Cannon.

The object of the Foundation's annual awards program is to honor or outstanding efforts to improve public understanding and appreciation of our basic Constitutional Rights and Freedoms inherent in the American Way of Life.

How To Be Perfectly Miserable

- Think about yourself.
- Talk about yourself.
- Use "I" as often as possible.
- Mirror yourself continually in the opinion of others.
- Listen greedily to what people say about you.
- Insist on consideration and respect.
- Demand agreement with your own views on everything.
- Sulk if people are not grateful to you for favors shown them.
- Never forget a service you may have rendered.
- Expect to be appreciated.
- Be suspicious.
- Be sensitive to slights.
- Be jealous and envious.
- Never forget a criticism.
- Trust nobody but yourself.

How does American management feel — off the record — about the American secretary? Is she really the indispensable right arm of the nation's industries?

What qualities above all others does the composite Mr. Executive seek in the better-than-average Girl Friday? Precisely what is needed to become an ideal secretary?

To find authoritative answers to these and other questions important to the secretarial profession, the Underwood Corporation recently surveyed a cross section of executives throughout the country and obtained their confidential opinions.

(For comparison purposes, the NEWS did its own survey of a cross section of Arsenal management. Our results appear in boldface type following the Underwood replies.)

Assured of anonymity, the boss was asked, "What secretarial qualities would you wish for if Aladdin's magic lamp were suddenly yours?"

And, to alert all secretaries and would-be secretaries about the pitfalls to be avoided, the survey also posed the query: "What, if any, is your pet peeve about secretaries?"



In many respects, the responses were predictable and unspectacular. In others they were startling. Taken all in all, they hold up an illuminating executive mirror in which the secretary can "see herself as others (the bosses) see her."

Generally, the image is a flattering one. Except for a few candid and stinging rebukes ("Too many incompetents claim to be secretaries") most employers were at a loss to mention a pet peeve ("No pet peeves. My secretary is a jewel.")

(The NEWS survey differed here — bosses with no pet peeves were in the minority. Some of the criticisms stated were: "Generally too caste conscious." "Many secretaries are critical of their boss. They repeat information which may be of a confidential nature." One stated that girls who wear excessive jewelry to the office and dresses designed for night club use irked him.)

To the \$64,000 question — What one characteristic do you personally consider most important? —

executives volunteered a variety of answers ranging from typing accuracy to company zealotness. One employer cited culture as the prime criterion for a perfect secretary. Another, somewhat less demanding, would settle simply for brains.

(Here's an interesting note: Our survey agreed with the Underwood findings for the above except for one thing — brains. Only one Arsenal executive surveyed listed brains as a top qualification. Most said brains are desirable but not absolutely essential. Some even said they were immaterial!)

But the most highly prized and sought after quality in the scale of secretarial values was initiative. In most instances, initiative was coupled with loyalty to the Company.

Employers would like to take for granted such office fundamentals as telephone etiquette, neatness, punctuality, and a thorough working knowledge of the English language.

(Arsenal survey agreed with these facts.)

This is not to suggest that the modern secretary can take lightly the mechanics of her craft. On the contrary, executives demand a high level of typing and stenographic skill.

Listed as the second most desirable characteristic was typing speed and accuracy... the ability to turn out crisp, clean correspondence and flawlessly written reports.

(Agreed upon by Arsenal management 100 percent.)

Management knows, the survey confirms, that a neat, well-balanced letter doubles in top brass as a good will ambassador in the court of customer relations.

While still aloft on Cloud Number Seven, the boss would also have it known that his office angel is the secretary who can quickly find and file information. (Surprisingly enough, this was listed as "immaterial" in our survey.)

The opinion sampling also sought to fathom any private prejudices, pro or con, held by the nation's employers on the questions of age and marital status. Does a single or married person make a better secretary? "No comment," was the retort from the majority of men questioned.

(Note: If given a preference most Arsenal men would have a married secretary because they

felt she would be more mature and by managing her own home, would be a good office manager. One, however, stated he preferred a single secretary because "she would not be concerned with home activities involving husband and children.")

Said one employer philosophically: "It's not really important. If a girl is single today, she'll get married eventually anyhow."

A similar latitude in point of view was noted on the subject of age. Although 48 percent of the businessmen polled believe the ideal age lies somewhere between 20 and 40 years of age, 27 percent would prefer a secretary between the ages of 30 and 40.

"At my age," one man commented, "I consider the ideal age to be between 25 and 35. If I were 80, I might say the ideal age is 60... or maybe 20."

(Most Arsenalites feel the ideal age range is from 25 to 35. One said the age was immaterial "if



the girl has all the qualifications of a good secretary.")

Reviewing the opinions of the men who dictate the letters, it's safe to draw this conclusion concerning the girls who type the letters.

Secretaries are indeed indispensable.

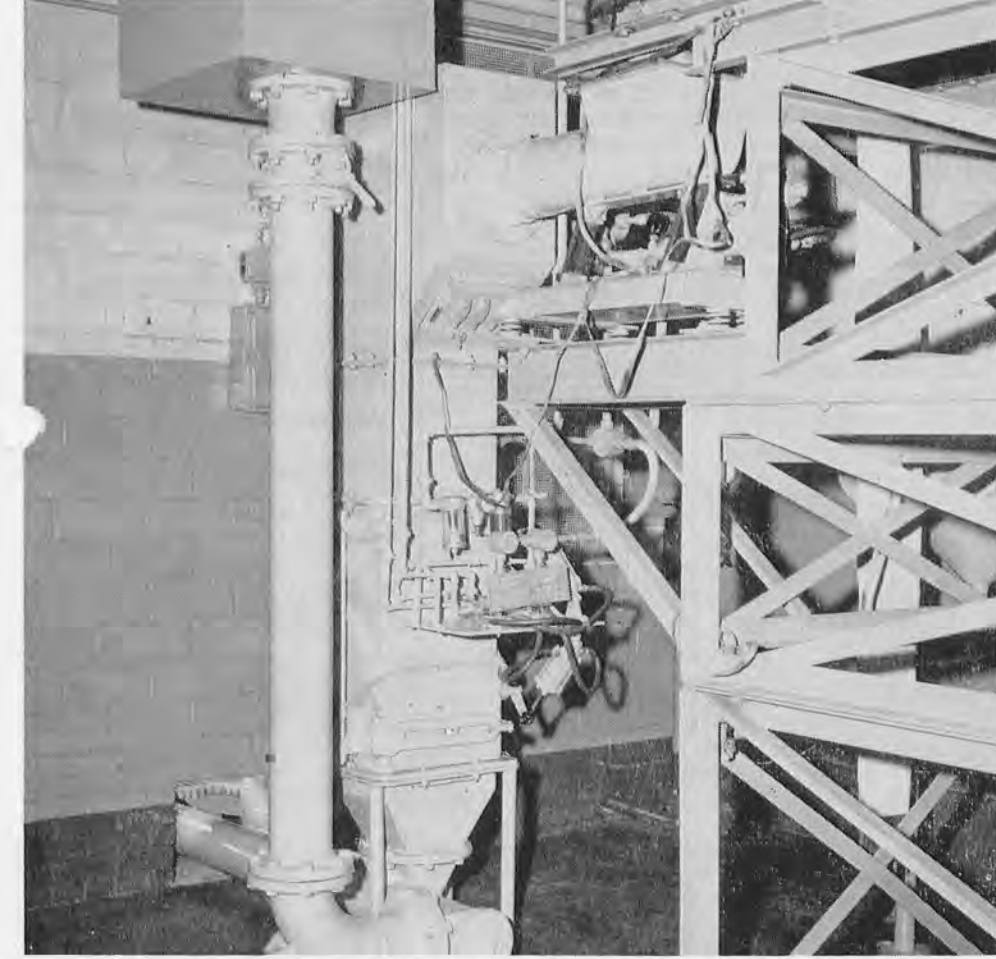
As their duties have become more responsible and diversified, they have proved themselves worthy of the challenge.

And though the Girl with the Halo may be a rarity, she's certainly not an elusive abstraction. Many executives claim she has been on the payroll for years.

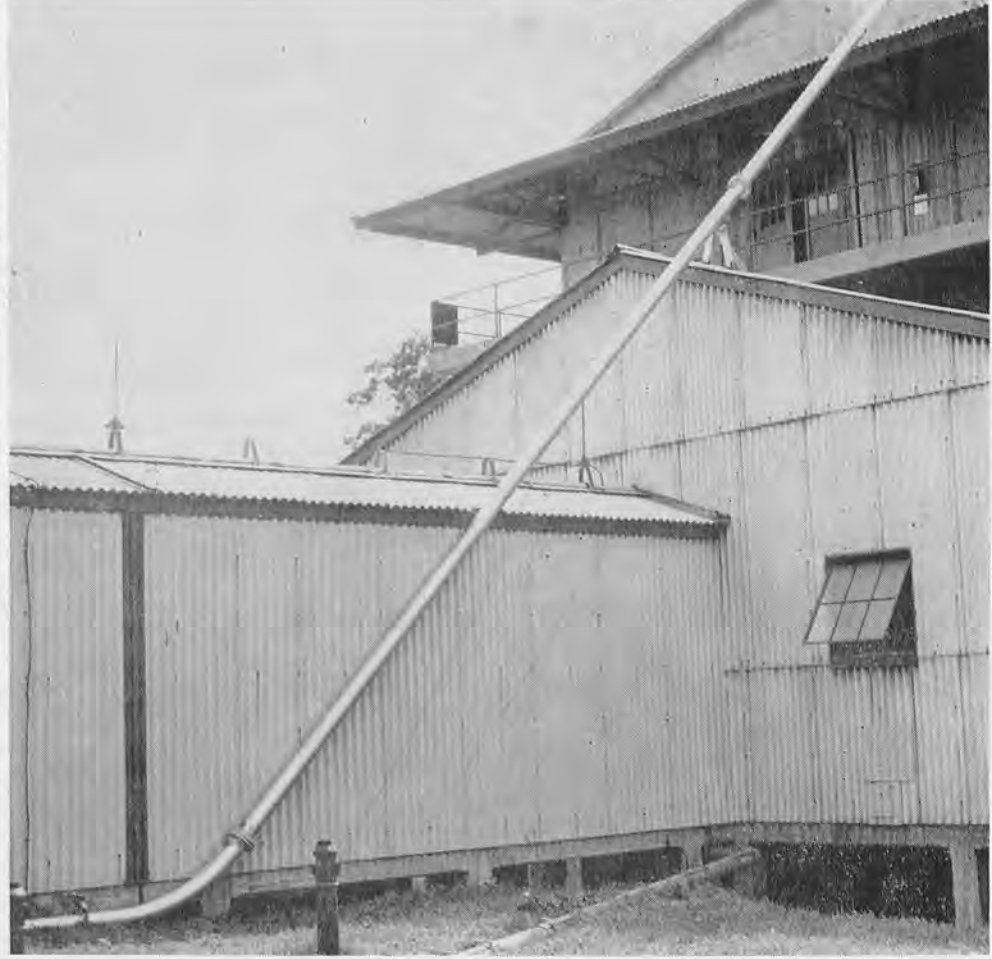
ENGINEERING GETS TROPHY

On prominent display in the Engineering Drafting Room is an engraved cup which the department received from the Olympic Athletic Committee for funds donated to help send athletes to the '56 Olympics.

Arsenal's Pneumatic Conveyor Holds Spotlight



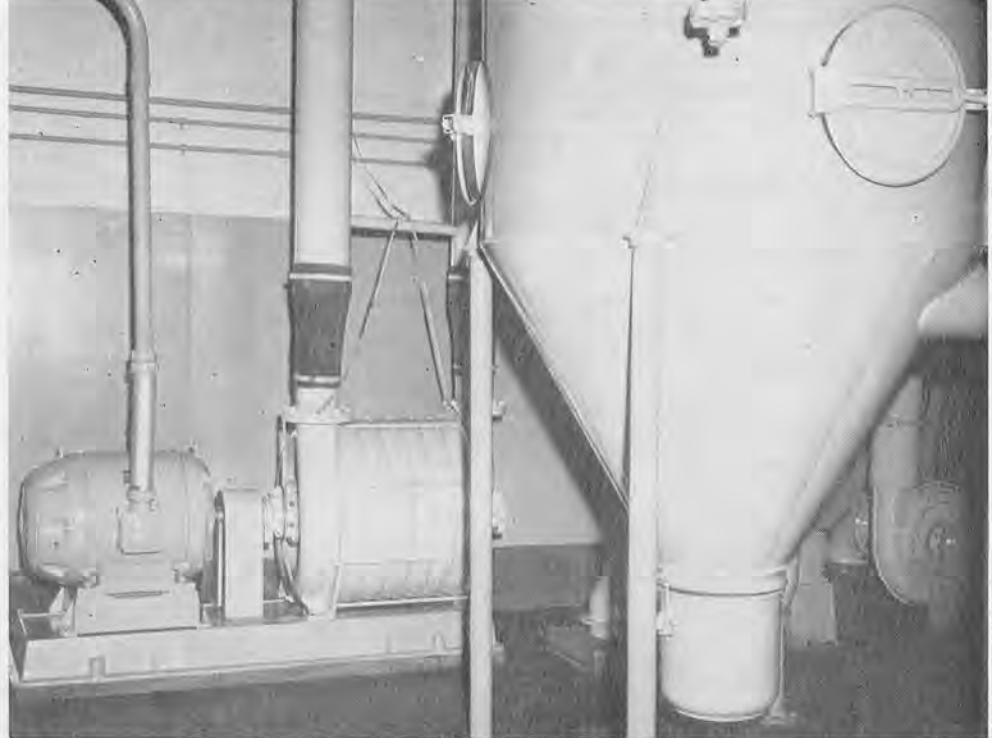
LEFT — Here is the double-damper valve which controls the flow of TNT,



Right is a view of the pneumatic conveyor six-inch pipe which carries the TNT from Building CA-6 to CB-4.



LEFT — H. M. Kregel, General Manager; J. C. Duer, Engineering Manager, and Lt. Col. T. M. Scott Jr., Commanding Officer, review the detailed drawing



of the pneumatic conveyor system. RIGHT — The motor and exhauster which creates the air stream for conveying TNT through the system from CA-6 to CB-4.

Conveyor Used In Powder Tests

Having successfully "air-veyed" TNT during actual loading operations, and looking forward to greater utilization of this pneumatic system, the Engineering Division recently conducted tests to determine feasibility of conveying propellant powder by this method.

Ravenna Arsenal was host to representatives from OAC and various arsenals and manufacturing plants when these tests were begun on March 27.

AT A PRELIMINARY orientation meeting, the development of the pneumatic system was reviewed and its assembly and operation explained.

H. M. Kregel, General Manager reviewed the purpose and procedure for the test and pointed out the benefits in lower costs, increased efficiency and greater safety in propellant powder handling operations which would be gained from successful completion of the project.

Actual test runs were made at Load Line One with all visitors and local Ordnance and RAI personnel as observers.

Kregel Tells History of Pneumatic Conveyor

Attending the third meeting of the Integration Committee on Ammunition Loading were Lt. Col. Thomas M. Scott, Commanding Officer, and H. M. Kregel, RAI General Manager.

The conference was held at Iowa Ordnance Plant on April 4-5 and Mr. Kregel's topic was the history of the pneumatic conveyor system at Ravenna Arsenal.

Mr. Kregel reviewed the development and utilization of the "Airveyor" for transporting TNT during 90mm shell loading operations at Ravenna Arsenal, and stressed the importance of this method of conveying in our continuing effort to increase efficiency, reduce costs and secure safer operations.

Using color slides and drawings, each component of the pneumatic conveyor was shown with the explanation of its function in the operation of the system.

GENERALLY SPEAKING, the pneumatic conveyor consists of a conventional dry vacuum collection system with the addition of two double-damper valves for controlling the flow of TNT.

After being screened the TNT passes into a receiving hopper and then through the first control valve

pneumatic conveyor was included in the project request for funds on Line One when it was submitted to OAC for approval.

Many months of additional work, research, design and conference followed before approval was received in May 1954 for the installation of this system.

When mechanization of Line One was completed and 90mm shell production began again in September 1954, pneumatic conveying of TNT became a reality and a "first" in the industry.

From September 1954 until production schedule was completed on Line One in January this year, the pneumatic conveyor system operated satisfactorily, meeting all expectations.

Several refinements were made to the system and its use enabled RAI to substantially decrease production costs and compile an enviable manhours per shell record.

Concluding his topic Mr. Kregel remarks, "We feel quite proud at Ravenna Arsenal to have had a hand in developing and installing the first, full-scale, pneumatic

Conveyor, Primer Operations Filmed

Filming of movies of Artillery Primer loading and pneumatic conveyor at Load Line One was completed April 13. Preparation of the necessary animation to simulate action occurring inside the equipment and recording of the narration will be accomplished in the next few weeks.

These movies will furnish a complete sight and sound story in color of two outstanding engineering developments, and will be valuable aids for training and educational purposes, for informational showings throughout the Ordnance industry, and to form histories for mobilization planning.

The high degree of mechanization of the Artillery Primer loading operations has produced a very efficient line.

Installation of the pneumatic conveyor and other mechanization at Load Line One has enabled Ravenna Arsenal to produce 90mm shell at 24 percent of the 1952 costs.

system for conveying large quantities of bulk explosives in the ammunition industry.



I found out what Sis told John. She said drive CAREFUL or else. He got SMART. Now He drives Like a MAN-CAREFUL. They are in Love.

PEOPLE RESPECT GOOD DRIVERS!

Upside-Down Biscuits Are Special Treat For Sunday

Want to start Sunday morning off with an extra special treat that's certain to make the family recall fond memories of Grandma's breakfasts?

Then bake a batch of these good, old-fashioned baking soda biscuits and serve them while they're piping hot.

UPSIDE-DOWN BISCUITS (Yield: 16 rolls)

- 1/4 cup butter or margarine
- 1/2 cup firmly packed brown sugar
- 2 tbsp. water
- 1/2 cup pecan halves
- 2 cups sifted all-purpose flour
- 1 tsp. baking soda
- 1/2 tsp. salt
- 2 tbsp. granulated sugar
- 1/3 cup shortening
- 1/4 cup white (distilled) vinegar
- 6 tbsp. milk

Combine butter or margarine, brown sugar and water in saucepan. Heat, stirring constantly, until sugar melts. Do not boil. Pour a scant tablespoon of this sirup into each of 16, 2 1/2 inch muffin cups. Arrange pecans over the sirup. Sift flour, baking soda, salt and granulated sugar together. Cut in shortening. Combine vinegar and milk; add to dry



YUMMY! Start Sunday morning off with an extra special treat that's certain to make the family recall fond memories of Grandma's breakfasts. Bake a batch of Upside-Down biscuits and team them up with an omelet and crispy strips of bacon.



Year End Review



April 12, Ravenna Arsenal, Inc. celebrated its fifth Anniversary as operating contractor of the Government's second-largest installation, and much has happened since the birth of RAI in 1951.

About the time of the RAI take-over, the Korean War was under way and naturally there was a cry for much-needed ammunition. Funds were immediately allotted to renovate ammunition and to start loading lines to producing new ammunition for use in Korea.

The Arsenal load lines had not been active and everyone went through some trying times during the first few months of the new operations.



However, due to the excellent team work, knowledge and experience of its employees, RAI has been able to establish an enviable record in the ammunition loading industry these five short years.

Ordnance 15th Anniversary

The contractor is comparatively youthful at Ravenna Arsenal when compared to the service dates of several of the Ordnance employees. During the past year, 12 Ordnance employees completed 15 years of Government service here. Several others on the Government team have received 10 and five year pins.

Safe Driving

In December 1955, the Arsenal again observed the President's Safe Driving Day and employees observed a "no accident" day here.

RAI's traffic safety record during 1955 established a new low at the Arsenal with an accident frequency rate of only 0.7 per one million miles. Our repair cost was only \$34.53 per one million miles traveled — another fine record.

Blood Donor Program

About every three months, Ravenna Arsenal employees have rolled up their sleeves and contributed generously to the Red Cross



Bloodmobile drives. As of March, 70 employees were one-gallon donors and three employees have given two gallons of blood. During the past five years, the Red Cross has collected 3,087 pints of blood at the Arsenal.

Savings Bonds

In 1953, we were awarded a "Flag of Honor" for having in excess of 80 percent of Arsenal employees participating in the Payroll Savings Plan for bonds. During the Bond Drive in March this participation was increased to better than 99 percent.

Firemen

During 1955 unfortunately there was one reportable fire, however, this is still an excellent record even though in 1954 we had no reportable fires.

Our firemen not only give us valuable fire protection, but also serve as fully qualified first aid attendants. The ambulance and crew are equipped to handle most any emergency at the Arsenal as well as in local communities.

Community Contributions

During the recent fund-raising campaigns, the Arsenal personnel, both Government and Contractor, donated \$1,971 to the Red Cross Drive and \$2,459 to the Community Chest. Even though our employment has been reduced, we have met our financial goals on these two

Employee Participation in VOLUNTEER PROGRAMS					
	1951	1952	1953	1954	1955
RED CROSS	58%	63%	65%	78%	77%
COMMUNITY FUND	46%	72%	67%	81%	79%
BOND PARTICIPATION	36%	41%	86%	81%	83%

worthy community projects. Consideration is being given to combine our fund-raising drives into one United Fund Campaign.

Suggestions

Even though employment has been reduced, participation in the Suggestion Program has increased. Nearly one out of every two employees participates in the Suggestion Program. The adoption rate of

RAI SUGGESTION SYSTEM					
	1951	1952	1953	1954	1955
NUMBER OF SUGGESTIONS SUBMITTED PER 1000 EMPLOYEES	NO RECORD	144	243	364	494
PERCENTAGE OF SUGGESTIONS ADOPTED	NO RECORD	16.9	19.1	29.5	30.9
TOTAL OF SUGGESTIONS ADOPTED	11	70	176	235	226
AMOUNT OF SUGGESTION AWARDS	\$70.00	\$655.00	\$295.00	\$325.00	\$445.00

30.9 percent is an indication of good suggestions being received and is a higher adoption rate than most industries enjoy. The awards paid have increased and naturally the resulting savings has been reflected in our operating costs:

Lost-Time ACCIDENTS		
YEAR	FREQUENCY	% REDUCTION
1951	2.2	TAKE-OVER
1952	1.8	18 %
1953	1.8	0
1954	1.3	38 %
1955	0.56	57%

manhours worked, which is a reduction of 57 percent over the 1954 frequency rate during which we established the previous low of 1.3 accidents per million manhours worked.

Minor Injury

While compiling a new lost time frequency rate, we were able, also to establish a new Arsenal record of 247 minor injuries per million man hours worked.

Scout Activity

We are proud to say that many of the sons and daughters of Arsenal employees are members of the Scouts. In addition, several of the mothers and fathers are adult leaders in the various Scout activities and are helping to build future good citizens of this great country of ours. In the immediate Arsenal area, including Charlestown and Edinburg, we have about 55 Cub Scouts, 19 Boy Scouts, 10 young girls in Brownies and 11 girls in the Girl Scouts.

We have come a long way in five short years — RAI has matured, so to speak. What will the future look like?

The ammunition industry has projects in the making such as the elimination of various zones of shell by controlling the weight and volume of shell at the site of manufacturing as well as in controlling the density of the explosive at the loading plant. We are certainly looking forward to the day when all of our loaded shell will fall into one final zone weight.

We are working on a 90mm plastic container, also, which should be an improvement over the fiber container now used. Other major projects include the development of the rubber die crimper and the elimination of the destructive bullet pull tests by gauging the depth of crimp grooves in the cartridge case.

There are many more ideas and projects, and each of us faces a bigger job tomorrow to continue improving our operations as we have done in the past few years.

Red Cross Drive Nets \$2,100 Here

Red Cross contributions from RAI and Ordnance employees and the Company totaled more than \$2,171 for the 10-day Arsenal fund drive.

The Portage County campaign received the highest amount — \$1,365. This included the \$200 Company donation.

Money allocated to other nearby county Red Cross Chapters and designated by contributing employees were: Trumbull, \$409.53; Summit, \$190; Mahoning, \$129.50; and Stark, \$77.

PARTICIPATION in the drive was the highest this year that it has ever been with 83.5 percent of employees taking part in the drive. Three large divisions donated 100 percent this year. They are Comptrollers, Industrial Relations and P.E. and I.

Departments which contributed 100 percent are: Engineering Departments 12, 22, 28, 931, 32, 432, 632, 832, 33, 35, and 54; Stores Departments 1, 3, 4, 6, 57, 192, 201, and 202; Production Departments 56, 60, 62, 65, 71, 72, 73, 82, 83; and Transportation Departments 10 and 11.

Receives Award

(Continued from Page 1)

vision and department managers. These Awards of Merit were for an outstanding safety performance from May 1954 through December 1955, and recognized excellent safety records in Stores, Receiving and Shipping, Industrial Relations, Processing Engineering and Inspection, Comptrollers Division, Transportation, Load Lines Two and Three and the entire Production Division.

Accepting the awards for their respective divisions and departments were A. H. Dessum, H. L. Sorensen, E. S. Thorn, R. K. Bentz, L. E. Lynch, G. R. Sanders, G. R. Carley and R. C. Merrill.

The Award of Merit is presented on the basis of exacting requirements established by the Department of the Army.



NOT MGM but the Artillery Primer Line where Photographer Carl Wirwa and Engineer A. T. "Tommy" Wilson are filming the onion-skin operation being performed by Mary DeCavitch and Doris Wollenberg.

Ideas Pay Off!

Good ideas paid off for 12 employees to the tune of \$220 when the Ravenna Arsenal Suggestion Board approved payment at their March meeting.

Wayne F. Taylor, machinist from Kent, and B. C. Ingraham, light equipment operator from Newton Falls, each copped \$25 for their good ideas. Mr. Taylor suggested a new type of onion skin inserting punch, and Mr. Ingraham's idea was to procure a one-man power saw for Roads & Grounds work.

Delbert Given hit the idea jackpot twice for awards of \$15 and \$25. One of his suggestions concerned spring loaded hooks on dragline masts and the other was to replace solid spacers with springs on top of the dragline bonnets.

A \$20 award went to Nick Tambures, voucher auditor from Warren, for suggesting a revised procedure for receipt and delivery of coal for Arsenal residents.

The Arsenal's top suggestor, Del Wilhelm, has done it again! This time, Mr. Wilhelm, a maintenance man from Wayland, snagged three awards of \$10 each.

Remaining employees who received awards of \$10 each are: Mike Kero, machinist, Newton Falls; William R. Young, truck driver, Brady Lake; Dale V. Gray, truck driver, Ravenna; Howard J. Duval, auto mechanic, Deerfield; Gertrude Bartlett, machine operator, A. P. Line; William V. Semnara, welder, Youngstown; and Joseph J. Cardarelli, inspector, Akron.

A \$10 award was also approved for an Ordnance employee and was forwarded to the Efficiency Awards Committee for payment.

Bye, Baby Bunting

"Your father's gone a-hunting" — so ran the old nursery rhyme.

The father who depended on hunting to feed his family and provide the "rabbit skin to wrap the baby hunting in" had many anxious moments. Today's father, under the American way of life, has many protections for himself and his family.

So from the security of babyhood, this Baby Bunting will go into the school age and then to college, his education and his future made secure because — his father's "gone a-saving."

Saving regularly on the Payroll Savings Plan where he works . . . putting a part of his pay into Savings Bonds, with their known, sure interest return. In 9 years and 8 months, he will receive \$4 for every \$3 he put in. The Bonds may be held another ten years, and then each Bond for which the Payroll Saver paid \$75 will pay off at \$134.68.

"For the Big Things in your life — be ready with United States Savings Bonds." Don't just want the big things — plan for them. Sign up today here, where you work, on the Payroll Savings plan.



SERVICE AWARD — John C. Duer, Engineering Manager, receives congratulations from H. M. Krenzel, General Manager, on the occasion of the former's 10th year of service with Firestone.

Mr. Duer began officially working with the Company in February 1946 in Staff Engineering. However, for three years prior he had been assigned to Firestone as an Army inspector with the Cleveland Ordnance District. Mr. Duer worked in various Engineering Departments at Plant 1 and came to Ravenna Arsenal in September 1951.

John and his wife, Josephine, make their home at 2815 Hastings Road in Silver Lake. They have four children; Peggy, Craig, Bill and Nancy Jo.

We Point With Pride

Creston B. Knisely recently received his five-year service pin and special notice is made of this because in those five years he neither missed a day's work nor was late any day.

Mr. Knisely is an employee of Powerhouse One, Load Line One. Before coming to the Arsenal, he was an engineer at the Akron Water Works and has served seven years as a fireman and nine years as an operating engineer.

A resident of Lake Milton, he was born in Kent and attending school there, graduating from Orwell. He and his wife, Emily, have two sons Tim (eight) and Jim (nine). Mrs. Knisely teaches school at Lake Milton.

In addition to serving his Company well, Mr. Knisely also serves his community well. He is a member of the American Legion, State Highway Patrol Auxiliary and is Scoutmaster of the Lake Milton Boy Scout Troop.

In his "spare" time he enjoys hunting and photography. Mr. Knisely was an M. P. in the Army and served three years overseas in Africa and Italy.



PROUD SMILES — C. F. Craver, Safety Manager, H. M. Krenzel, General Manager, Lt. Col. T. M. Scott, Jr., Commanding Officer, and Virgil Carpenter, Ordnance Safety, exhibit proud smiles at receiving the Award of Honor from the National Safety Council.

LEFT TO RIGHT — Tess Sabatini, Martha Spahn, Dorothy Waltz and Irene Myers.



HEADS ABERDEEN — Maj. Harry C. Huston, who spent three years in maintenance storage and supply work at the Arsenal, has assumed new duties as commander of Aberdeen Ordnance Depot. A native of Cincinnati, Major Huston is the son of Mrs. E. C. Weyrich of Kent. He took part in the Battle of the Bulge during World War II and next October will observe his 20th year of military service. He enlisted October 5, 1936, and was commissioned in the Anti-Aircraft Artillery in 1943. Major and Mrs. Huston have four children: William, 12; Robert, 7; Mary, 6; and Judy, 2.



RECEIVES KSU AWARD — Mrs. Patricia Proctor Balazs received the award for superior achievement in the field of education when 14 top honors were presented at Kent State University's 24th Honors Day on May 23. Mrs. Balazs is the daughter of Mr. and Mrs. Simpson Proctor of Madison Street, Ravenna, and her father is the Ordnance Public Information Officer at the Arsenal.



WINDHAM SALUTATORIAN — Ginny Schimmel, an academic major, is salutatorian of the Class of 1956 at Windham High School. The class of 34 students will graduate at ceremonies in the school gym on May 24. Miss Schimmel is the daughter of Mr. and Mrs. Charles Schimmel and her father is a foreman in Component Stores. Her school activities include Honor Society, Yearbook business manager, editor of the school paper and junior and senior plays.

Anita Adkins Weds Thomas Kregel

Before an Altar banked with ferns and decked with white gladiolas, chrysanthemums and snapdragons, Anita Huston Adkins, daughter of Mr. and Mrs. William K. Adkins, 1495 Delia Ave., Akron, became the bride of Thomas Field Kregel, son of Mr. and Mrs. Harry M. Kregel, 658 Ecton Road, Akron.

The Rev. James A. Conroy officiated for the ceremony in St. Vincent's Catholic Church.

The bride wore a gown of beau de soie and Alencon lace. The bodice was fashioned princess style with a high-throated yoke and long sleeves that ended in wedding points over the hands. The bouffant skirt was deeply gored and flared into a cathedral-length train. Her fingertip veil of illusion was gathered to a headpiece of matching beau de soie encrusted with beads, and she carried a cascade bouquet of eucharis lilies and lilies of the valley.

Her attendants received before the fireplace that was banked with woodwardia fern and white flowers.

Mrs. Adkins and the mother of the bridegroom also were in the receiving line. Mrs. Adkins was attired in a cocktail length dress of light blue wool crepe complemented by navy accessories. A corsage of white camellias was attached to her purse. Mrs. Kregel wore a blue lace dress accented with yellow accessories. Her flowers were a corsage of yellow roses.

The newlyweds will reside in Columbia, S. C., upon their return from a wedding trip to Boca Beach, Fla. The bridegroom, a lieutenant in the Ordnance Corps, is stationed in South Carolina with the Army.

FOLLOWING THE CEREMONY a reception was given in the Women's City Club. The couple and

Side Glances

(Continued from Page 5)

trip to Oklahoma . . . Older Molden has the misfortune to spend his vacation in the hospital.

Our deepest sympathy is extended to the **John Randle** family on the death of Mrs. Randle's father . . . Best wishes for a speedy recovery are sent to **James Lumadue** and to **Kenny Shaw**, son of **Dorothy Shaw** . . . Back to work after a pleasant tour of the southern state is **Francis Neitzelt**.

Engineering Division

Our deepest sympathies are extended to **Ramona Sechler** on the recent death of her father . . . Get well wishes are sent to **E. C. Snyder**, Space Heating, recuperating from major surgery, and to **F. M. Soper** and **F. G. Osborne** who are still on the sick list . . . **Jimmy MacKeage** returned to work after being in the hospital for observation.

Art Lewis reported the weather was too bad for good fishing at Wills Creek, near Muskingham Dam, anyway, that's his fish story.

Jean and Dean Miller vacationed at Portsmouth and Norfolk, Va. . . Staying home and "catching up" were **Dave, James, Art Seaman, Andy Hudak** and **Andy Szabo** . . . Best wishes to **Cal Chesser** who replaced **Joe Drake** as foreman of the Plumbing Shop. Joe is now making his home in Florida.

Congratulations and our very best wishes to **Mr. and Mrs. Robert Howell** who celebrated their 25th wedding anniversary Sunday, April 22, with a family dinner at their home in Salem. They have two sons.

Ordnance Staff

Maj. Harry C. Huston, formerly stationed at this installation, and his family spent Easter in Kent with his mother, **Mrs. E. C. Weyrich**.

Chuck and Kathy Branfield and daughter, **Mary Kay**, recently visited in Washington, D. C. Chuck has also been on travel to the Army Chemical Center, Md., and Anniston (Ala.) Ordnance Depot. While in Alabama he picked up a "southern" virus (there's a difference?) and we hope it doesn't last too long.

Attending operas in Cleveland were **Florence Dingley** and her mother who enjoyed the performance of "Aida", and **Mary Jane Jacobs** who saw "Rigletto."

Bob and Estelle Pavlick and her mother vacationed for a week in Baltimore visiting relatives . . . **Kay Ball**, who has very capably served as president of the Kent Emblem Club for the past year, recently handed her gavel to a former Arsenalite, **Mary Jo (Hardesty) Muenzmay**.

Best wishes for a speedy recovery go to **C. P. McKinley** who is having a bout with arthritis . . . **Lillian Youell** attended Mothers' Weekend festivities at Ohio University where her daughter, **Heidi**, is a student . . . Motoring to Buchanan, W. Va., over the weekend was **Mable Barholt**.

We are happy to learn that **Carroll Ruben**, Operations Chief, is coming along fine after suffering a heart attack several weeks ago. He hopes to be able to return to work, at least part-time, in the near future.

Charlotte Monroe, telephone operator, wishes to express her thanks to the Arsenal Fire and Guard Departments and to the many people who sent her cards during her recent illness.



TUESDAY NIGHT bowling champs are the Accounting team. Pictured are, front, Nick Tambures, Ed Horvat and Harold Klett. Back, Pat Revezzo, Paul Knapp and Jim Marzi.



George and the fish.

The One That Didn't Get Away!

If George Yanasco were to tell you his favorite fishing yarn—the one about the biggest fish he ever caught—it's certain he would begin by saying the fish in question weighed over 300 pounds and was almost seven feet long.

And, about this time, you'd be certain George was relating a small, light-colored prevarication!

But, you'd be wrong, because Mr. Yanasco really did catch a fish that weighed 326 pounds and was six and one-half feet long.

R. Plough Retires

Well-known Arsenalite **R. Z. Plough**, General Foreman of Shops, retired from active work on May 15.

"RZ," as he was known throughout the plant, is a man who has been respected and admired by all—employees, supervision and management. Everyone knows him as a person who always accomplishes what he sets out to do.

Mr. Plough was reared, went to school and graduated from school in Greenwich, Ohio. From 1920 to 1935 he worked for the B&O Railroad out of Baltimore, Md. In 1935 he moved to Ravenna where he worked for the county and the state.

At the beginning of World War II, in 1941, RZ came to the Arsenal, where he has worked for the Atlas Powder Company, the Ordnance Corps and finally, for Ravenna Arsenal, Inc.

About 200 Arsenal employees gathered at Cisco's Restaurant, Warren, May 13 to honor RZ at a farewell dinner. Among those attending were **H. M. Kregel**, General Manager, **J. C. Duer**, Engineering Manager, **Lt. Col. T. M. Scott Jr.**, Commanding Officer, and **Mrs. Plough**.

RZ was presented a walnut plaque from his co-workers in fond memory of all the activities in which he participated while at the Arsenal, and plant supervision presented him with a new sport coat. And, from all those attending the dinner, he received a new rod and reel, equipment for his favorite pastime. (Throughout the years, RZ has been noted for his "fish stories.")

A tip of the hat goes to Mr. Plough. We sincerely wish him the very best of everything throughout the coming years.



MR. PLOUGH

farewell dinner. Among those attending were **H. M. Kregel**, General Manager, **J. C. Duer**, Engineering Manager, **Lt. Col. T. M. Scott Jr.**, Commanding Officer, and **Mrs. Plough**.

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It is better to light one little candle than to go throughout life in darkness.

Vol. 9, No. 11

RAVENNA ARSENAL, INC., APCO, OHIO

May 1956

Ammunition Chief Promoted

Robert G. Butler, Commanding General of the Ordnance Ammunition Command in Joliet, Ill., has been promoted from Brigadier General to Major General, United States Army.

General Butler has directed the Army Ordnance Corps' nationwide ammunition program since June 1954.

Ravenna Arsenal, under command of **Lt. Col. T. M. Scott, Jr.**, is one of the 26 installations under jurisdiction of General Butler. H.



MAJ. GEN. R. G. BUTLER

M. Kregel is General Manager of Ravenna Arsenal, Inc., operating contractor at this installation.

Honor Roll

Congratulations to the following RAI employees who received their five-year pins between April 3 and the first of May.

Department 04:
Alice M. Gerber

Department 38:
E. J. Brown, Jr.
Marguerite Harris
Bernard E. Kurlich
Joseph Plahy
P. M. Revezzo
Karl Slusser

Department 51:
S. M. Bukovsky
Raymond H. Byers
Ralph P. Hicks
George Holm
William Jones
John F. Laney
W. L. Onstott
Frank M. Sears
Bernard Tennant
William R. White

Department 43:
Elizabeth Heritage

Department 132:
W. W. Jackson

Department 732:
D. E. McClain

In Memoriam

HARRY M. JONES

cerebral hemorrhage claimed the life of **Harry M. Jones** on May 8. The 54-year-old Arsenal millwright had been in failing health for about a year, and died a few minutes after being admitted to Trumbull Memorial Hospital.

He had been employed here since September 1950. Three of his co-workers, **Ray Koran**, **Milton Schwenk** and **John Kaliachak**, served as pallbearers when he was laid to rest in West Cemetery, Ravenna, May 10.

Mr. Jones was born in Mercer City, Pa., and had been a resident of Palmyra for three years. He leaves his wife, **Mabel**; a daughter, **Mrs. Martha Davis**; two sons, **Wayne** who is also an Arsenal employee, and **Robert**; a grandchild, a brother and two sisters.

RAVENNA ARSENAL NEWS

Even a mosquito doesn't get a pat on the back until he starts to work.

Ravenna Arsenal Is Meeting Site For Integration Safety Sub-Committee

Lt. Col. Thomas M. Scott, Jr., Commanding Officer, and **H. M. Kregel**, General Manager, greeted the nation's key safety personnel May 9 at the opening session of a two-day conference of the Integration Sub-Committee on Safety.

About 50 representatives from the industrial installations under the jurisdiction of the Ordnance Ammunition Command, together with representatives from the Office, Chief of Ordnance, the Ordnance Ammunition Command, the Ordnance Field Safety Office, and representatives from Navy industrial installations, gathered here to discuss all aspects of safety.

This group deals with industrial and traffic safety problems in addition to those connected with the ammunition loading industry.

IT IS FITTING that this conference was held at Ravenna Arsenal in view of the Company's leadership in the safety field. Last month RAI was presented the Award of Honor which is the National's Safety Council's highest recognition for an industrial group.

Gordon C. Wagner, Ordnance Safety Director from the Nebraska Ordnance Plant, Grand Island, Neb.; **Lone Star Ordnance Plant**, Texarkana, Tex.; **Nebraska Ordnance Plant**, Wahoo, Neb.; **Louisiana Ordnance Plant**, Shreveport, La.; and **Kansas Ordnance Plant**, Parsons, Kan.

Also, **Pantex Ordnance Plant**, Amarilla, Tex.; **Picatinny Arsenal**, Dover, N. J.; **Indiana Arsenal**, Charlestown, Ind.; **Redstone Arsenal**, Huntsville, Ala.; **Jefferson Proving Ground**, Madison, Ind.; **Longhorn Ordnance Works**, Karnack, Tex.; **Ordnance Assembly Plant**, Army Chemical Center, Md.; and the **U. S. Naval Ammunition Depot**, Red Bank, N. J.

Also represented were the **U. S. Naval Ordnance Plant**, Macon, Ga.; **U. S. Naval Mine Depot**, Yorktown, Va.; **U. S. Naval Ammunition Depot**, Crane, Ind.; the **U. S. Naval Ammunition Depot**, Shumaker, Ark.; **Keystone Ordnance Works**, Meadville, Pa.; **Plum Brook Ordnance Works**, Sandusky, Ohio; and **The Firestone Tire & Rubber Company**, Akron, Ohio.



SAFETY MEETING — Safety men from Ordnance plants throughout the nation began a two-day session at the Ravenna Arsenal May 9 to exchange ideas and information on industrial, explosive and traffic safety.

Key personnel seated in the front row are, left to right, **W. J. Kinnisburgh**, Ordnance Command; **J. M. Pearce**, Iowa Ordnance Plant; **Gordon Wagner**, Committee Chairman, Nebraska Ordnance Plant; **H. M. Kregel**, RAI General Manager; **Lt. Col. T. M. Scott, Jr.**, Commanding Officer; **Louis Jezek**, Office Chief of Ordnance, and **H. A. Sharp**, Ordnance Ammunition Command.

Ordnance Is 144 Years Old

The Ordnance Corps celebrated its 144th anniversary on May 14. In observance of the anniversary the following messages were sent to employees of Ravenna Arsenal and other Ordnance Installations:

"Over all these years, it has been our proud mission to supply the world's best weapons and Ordnance equipment to the world's finest soldiers. Our mission, too, includes the supply of much Ordnance material to the Navy, Marines, Air Force and to friendly foreign nations.

"Successful performance of our Ordnance mission demands a high degree of teamwork. Ordnance is proud to be a member of the Army team; and we are fully aware that we exist only to serve the Army and its combat arms. The Ordnance Corps itself works as a team, made up today of about 200,000 officers, enlisted men and civilians, serving at home and overseas. The same kind of close, effective teamwork exists between the Ordnance Corps and American science and industry. Sum of this teamwork is the world's finest Army.

"On our 144th anniversary, I extend to all men and women of the Army Ordnance Corps, both military and civilian at home and overseas, my hearty congratulations and all good wishes for the future."

E. L. CUMMINGS
Major General, USA
Chief of Ordnance.

* * *

"On behalf of the men and women of the Army, I extend congratulations to the members of the Ordnance Corps on the occasion of the 144th anniversary of the Corps' establishment.

"The Ordnance Corps has been largely responsible for the fact that the Army has always been able to keep abreast of advances in material, especially weapons, and in fact, to pioneer in many fields. The development, supply and maintenance of guns, vehicles, and ammunition, along with other Ordnance activities, have always been performed by the Ordnance Corps in a manner indispensable to the Army's success in battle.

"I have full confidence that your past successes will be both inspiration and challenge for the future, as new opportunities arise for service to the Army and the Nation."

MAXWELL D. TAYLOR,
General, United States Army
Chief of Staff.

Friendliest place in town

You're not forgetting, are you, that your church or synagogue is the friendliest place in town?

A warm-hearted welcome awaits you there.

New interests, new friends, and most precious of all

in these trying times, an opportunity to renew

your faith, to restore your courage, to find peace of soul

in the company of men and women of good will.

The young married find congenial friends

Foreigners, new and old, find help in time of trouble

The woman gather for charitable and social activities

A friendly handshake greets you at the door

Choir singing brings new spiritual values to the singers, to the hearers

An active adult life and new interests are yours again here and there

We restoreth your soul... Worship together this week

Ravenna Arsenal NEWS

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Department of Public Relations

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Photographer Robert H. Stickney

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A. P. Line — Carmella Beskid. Component Stores — Bill Cole. Comptroller's Division — Frances Brackie. Depot Area — Gerald Stamm. Engineering Division — Mary Kot, Ruth Orwig, Jean Sechler, Jim McCulloch, Delores Kalman. Fire Department — Harold Cleveland. General Stores — Edith Kouba, John Kalwarczyk. Guard Force — Louis J. Blake. Industrial Relations — Annabelle Barker.	Janitors — Ray Burkholder. Load Line Three — May Anderson. Load Line Two — Betty Lazeration. Medical — Mary Ann Delay. Nationwide Food Service — Eva Snyder. Ordnance Staff — Lillian Youell. Production Planning — Dorothy Waltz. Transportation Division — Jennette Bell, K. O. Flesher, Margaret Kaibas. 67th AAA Group — Fred Leunberger.
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Mr. and Mrs. William E. Villers of Leavittsburg are the proud parents of their first child, a boy, who was born May 1. Little Eric Gene weighed 7 lbs. 1 oz. Mr. Villers works in Department 194.

Congratulations to Mr. and Mrs. Richard Legros of Hiram on the birth of their first boy and third child, James Richard, on April 28. Mr. Legros is employed in Department 194.

Belated congratulations to Mr. and Mrs. Ralph Lewis whose new son was born March 14. He was named Roger Even. Mr. Lewis is Ordnance Fiscal Branch Chief.

Belated congratulations also to Paul and Vivian Bowen who became the proud parents of their second daughter and sixth child on March 21. Little Anna Marie weighed 9 lbs. 5½ ozs. Mr. Bowen works in Department 75, Line Two.

Shoulda Stayed In Bed!

All was not sweet at the Chardon Maple Festival. Just ask Painter Charles L. Needler, who is suffering from some badly smashed toes after being stepped on by his horse.

Mr. Needler, a member of the Trumbull County Sheriff's Posse, was riding his horse in the parade prior to his accident. His hobby? breaking and training horses.

ANOTHER "VICTIM" of an unfortunate accident was Draftsman John Kohlberg.

While doing his duty as a conscientious father, he fell from a tree trying to rescue his offsprings' kite. Jack received deep scratches and lacerations for his efforts.

It was on June 27, 1909 that three New York newspapers printed the first advertisements of a practical airplane for sale.

Getting Along

Sooner or later, a man, if he is wise, discovers that business life is a mixture of good days and bad, victory and defeat, give and take.

He learns that it doesn't pay to be a sensitive soul — that he should let some things go over his head.

He learns that he who loses his temper usually loses.

He learns that all men have burnt toast for breakfast now and then, and that he shouldn't take the other fellow's grouch too seriously.

He learns that carrying a chip on his shoulder is the easiest way to get into a fight.

He learns that buck-passing always turns out to be a boomerang, and that it never pays.

He comes to realize that the business could run along perfectly well without him.

He learns that it doesn't do any harm to smile and say "Good morning," even if it is raining.

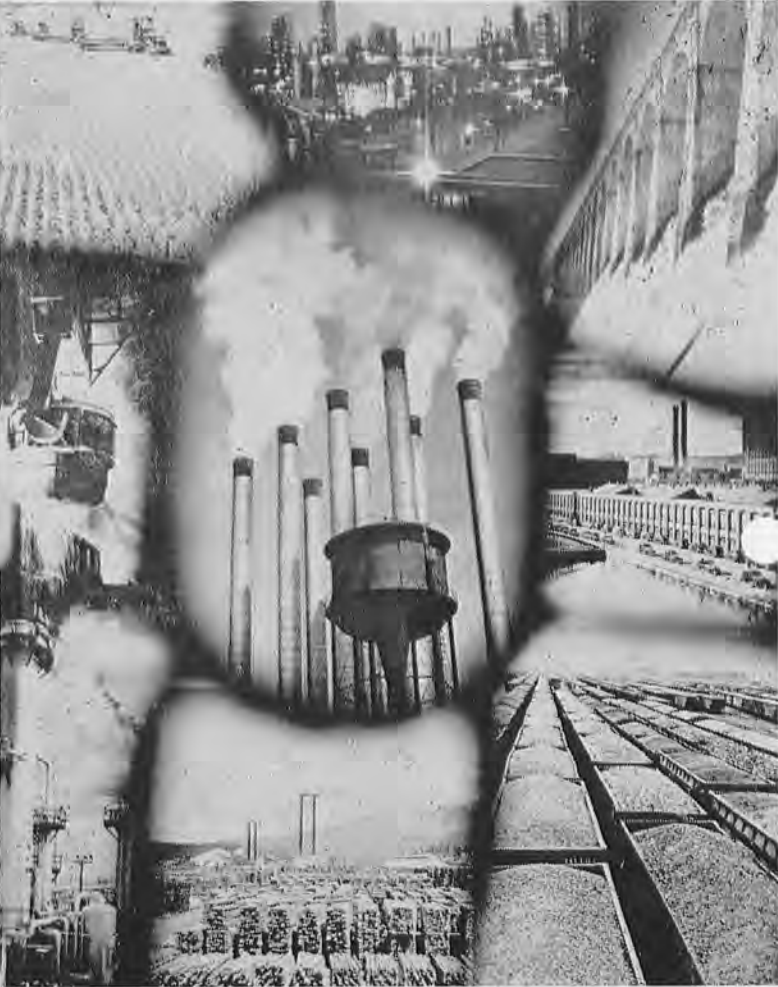
He learns that most of the other fellows are as ambitious as he is, that they have brains that are as good or better, and that hard work and not cleverness is the secret of success.

He learns not to worry when he loses because experience has showed that if he always gives his best, his average will break pretty well.

He learns that bosses are not monsters trying to get the last ounce of work out of him for the least amount of pay, but that they are usually fine men who have succeeded through hard work, and who want to do the right thing.

He learns that the gang is not any harder to get along with in one place than another, and that "getting along" depends about 98 percent on his own behavior.

—News and Views



What's Ahead For Americans?

A bright glow hovers over the future of America . . . a glow that could shed its light on every man, woman and child in our country — regardless of occupation or level of society.

America is on the march to a richer, healthier, more comfortable life for all of us.

In five years the average U. S. family income will rise from today's \$6,000 to around \$6,200 a year. And, with the expected lowering of taxes, a higher percentage of that income will be spendable.

At the same time, new methods and equipment will enable agriculture and industry to turn out more, and better products in less time. All of which adds up to this: You — Mr. and Mrs. Consumer — will have more money to spend, and a greater variety of products

There will be new ways of concentrating, preserving, vitalizing and preparing foods — which will take still more drudgery out of homemaking. The classic phrase, "Woman's work is never done" will probably lose some of its sting as still more and still finer household gadgets come along to help ease her tasks.

Calorie-conscious Americans will be eating more meat, fish, poultry, fruits and leafy vegetables, and less fats, beans, peas, potatoes, nuts and grains.

In clothing, new and more versatile fibers, improved manufacturing techniques, better and more plentiful textiles will give the family a better quality and a greater variety of clothing for less money.

1960 WILL SEE 12 million new dwelling units than 1950. And, many public housing projects completed, better housing will be available — although, with our population growth, shortages may not be altogether eliminated.

And so it goes! In our new homes we are going to have better washing machines, dryers, electric ironers, dishwashers, freezers, air conditioners and waste disposers.

"Two cars in every garage and two chickens in every pot" will come close to being literally true, since more than 59 million passenger cars will be on the road in 1960 — and the food supply well above its present heights.

The level of U. S. well-being is already beyond many foreign people's understanding. But the level seen in 1960 and thereafter is substantially higher.

Growth of our population will proceed, with 177 million in 1960 — an

(Continued on page 3.)

Side Glances

P. E. & I. Division

Naseeb Nieman, Ammo Inspection, spent a week's vacation at home waiting for a good fishing day that never came.

Millie Mischevich bowled a 636 series on games of 203, 214 and 219 in the Warren "Ladies A" league on April 20. That series is high in Warren.

We're glad to welcome Walter Harvek back to work following six weeks' recuperation from an operation. Walter says he hasn't felt so good in years and we think he has never looked better.

Transportation

Russ Madonio spent his vacation remodeling his home in Windham . . . Clarence McKnight, gas station attendant, took his vacation to be with his wife who just came home from the hospital. We all hope Mrs. McKnight will be off the sick list very soon.

Wilma Bowers' son, Lefty, enjoyed a tour of Washington, D. C., with the senior class of Windham High School. Lefty thought the most impressive part of the tour was the changing of the guards at the Tomb of the Unknown Soldier.

Al Wasson has all his spare time taken up with directing a horse show to be given soon in Newton Falls . . . Leona Lee and family were in Greenfield, Ky., recently to visit their grandmother.

We were sorry to hear of the death of Walter Webb's father. Walter took his two week's vacation to be with his family in Tennessee.

Duke Turner spent a week of his vacation "pretying up" his new home, while Irene Hilker spent most of her vacation nursing a sore jaw, due to having some teeth pulled.

Jennette Bell and father drove to Great Lakes, Ill., to visit her brother who is stationed there with the Navy.

Comptroller's Division

Mr. and Mrs. Ben Liston had a very pleasant honeymoon trip through the southern states. Mrs. Liston is the former Helen Janecek.

Judy Grimm spent a quiet vacation at home working and studying, while Eleanor O'Hara enjoyed a trip to Hot Springs, Ark.

Margaret and Al Wysel have moved into their newly built, ranch-type home in Youngstown. Marge had some anxious moments when the furniture didn't arrive as scheduled, but everything is under control now.

Best wishes to Bea Schaffer who celebrated her birthday anniversary May 4. . . Enjoying a trip to Florida was L. B. Humphrey . . . Bill Goodridge is at home due to a torn ligament in his leg.

Depot Area

Minor Koplin, F-15, reports that his wife is now at home and recovering nicely following an operation . . . After seeing her children through the measles, Mrs. Glen Taylor had a round with them herself! According to Glen, the measles gain in meanness with a person's maturity.

Howard Babb of IW-1 spent the latter part of April and a week in May seeing the southwest and far west . . . Dan Strawman enjoyed a vacation the last of April and Alonzo "Fappy" Ridenbaugh spent a week at his old home in Coschocton mending fences.

Henry Lock spent his vacation moving from his home on Route 80 in the Arsenal to a house two miles south of Charlestown which he just bought . . . John Hank and Roy Seckman were also May vacationers.

Load Line Two

Congratulations to John Stoutamire who was married to the former Rose Lee Oliver on April 14 at the home of the bride in Braceville.

Burford Meredith spent an enjoyable vacation visiting his mother in Detroit. While there he had a short visit with his grandmother from Alabama who was traveling through with a religious singing group.

Judy Ann Plough, 17-year-old daughter of Ray Plough, just completed a term as Worthy Advisor for Ravenna Assembly No. 35 Order of Rainbow for Girls.

Sam Johnson attended the Philadelphia-Pittsburgh baseball game in Pittsburgh May 13.

John Mathes, who is the proud father of 15-year-old twin daughters, wishes to make it known that there is an organization in Windham called the Twin Mothers' Club. The Club would like to have all mothers of twins in Portage County become members. The purpose of the group is to provide information about twins and to provide for social and civic welfare. If any mothers are interested, they should call Mrs. Belden, Windham, Phone 56-M.

Load Line Three

George Hensley, Department 86, just returned from a vacation (Continued on Page 6)



IN CLUB REVIEW — Pretty Mary Ellen Parks, daughter of Dean and Jo Parks, and little Bobby Barry, son of Captain and Mrs. Fred Barry, were two of the youngsters who took part in the Junior Review on May 20. The review was presented by children of members of the Arsenal Ladies Club.

For -- Family Living



WHAT A TREAT — When your family is tired and thirsty, serve them refreshing instant cream sodas and watch their smiles.

Let's Go On A Picnic

Sunday is "family day," and despite the ever faster pace of modern-day living, warm weather finds millions of families longing for some good old country air, the beach, the picnic grounds, and that wonderful feeling of family "togetherness."

To a youngster a picnic means just two things: food and going somewhere. But to adults, it's the clean fresh air, the sunshine, the lazyolling on soft grass or beach. Contentment!

If you're planning an extra special family day, give thought to a picnic. There are four types:

The "Workless" Picnic

Here you need no dishes, no tableware and no cooking apparatus — sandwiches, hard boiled eggs and fresh fruit are the staples. A thermos bottle of something hot and perhaps some soft drinks complete the menu. A small galvanized pail — filled with ice cubes and insulated on the outside with newspaper — is a good way to keep drinks cool.

The "Do-It-Yourself" Picnic

Given bread and things to put on it, picnickers prepare their own sandwiches. This involves even less work for mother than the "workless" picnic, and participants have a greater choice of food. Light foods — tuna fish, cheese spreads, lettuce, tomatoes and the like — are most popular. To avoid carrying glass containers, you can get mustard and ketchup in individually packed plastic bags.

The "Deluxe" Picnic

This is the type of picnic in which you cook something at the scene. Hamburger, for example, can be wrapped in aluminum foil, then baked in the fire for about 15 minutes (turn once). Frankfurters, of course, are standard fare.

If a "deluxe" picnic is your pleasure, there are a few preliminaries such as getting permission to build a fire, finding or bringing fuel, and finding or building a fire-place. But to many people these obstacles seem small compared to the tangy taste of a juicy hot dog roasted over an open fire until it sizzles.

Whichever type of picnic you decide on, be sure you take along the basic equipment: a large food basket, (another basket for suits and towels if you're going for a swim) a gallon spigot jug, paper cups, napkins and plates, easy-to-clean stainless steel utensils, and a portable radio with fresh batteries for good reception of music and news. (June is Portable Radio Month this year.) Now for the essentials:

The Site

Be sure to decide in advance, and try to let everyone have a say about where to go. That way, you'll avoid neck-craining, indecision, and speculation whether driving "just

Instant Cream, Ice Cream Soda Is Cool, Substantial

There was a time when ice cream sodas were always associated with the corner drug store. In recent years, however, this popular drink has become a do-it-yourself item.

Now there is a new way to make sodas, to give them extra richness and nourishment. The ingredient which does this is instant cream.

Instant Cream Soda

For each serving put two teaspoons instant cream in a tall glass. Add one tablespoon warm water and stir to dissolve instant cream. Fill glass with flavored sparkling beverage (cola, ginger ale, raspberry, strawberry or cream soda) and mix well. Add a scoop of vanilla ice cream and serve with straws.

Noted Designer Gives Tips On Home Decoration

Style — color — design! These are the three major stumbling blocks for most homemakers with interior decorating aspirations. William Pahlmann has given a lot of thought to the subject. "People can be so afraid of making a mistake in decorating their home that they make the biggest mistake of all," he laments. "They don't express themselves."

To illustrate his good sense and enjoyment approach to interior decoration, Mr. Pahlmann offers homemakers a few representative tips:

"At certain times of the day, rooms require different lighting aspects. An air of mystery and romance may at dusk invade a room which is plain vanilla in the morning. Lighting can create this impression — and there are two requirements for good lighting that everybody should know about and follow: (1) plenty of light; (2) workable control. A most desirable control is a rheostat — a dimmer which enables you to lower the illumination or make it brighter by turning a knob or handle."

Safety

If you bring dishes or desserts made with milk or cream, be sure they're kept refrigerated. Never serve creamed or scalloped dishes unless they're made just before picnic time and kept hot 'til served.

If you plan to get your drinking water where you find it, be sure of the source. Make sure that any fire you build is completely out before you leave, and if you burn yourself don't apply butter to your skin — it may turn rancid and infect the burn. Instead, coat the burn with petroleum jelly and cover with a sterile bandage. It's always a good idea to keep a first aid kit in the car.

Homeward Bound

On the way home, pretend that it's National-Be-Patient - With Everyone - Especially - Children-Week. Youngsters seem to have hundreds of horsepower when they are between the fun of a picnic and that of watching their favorite TV cowboy. One idea is to fill a shoe bag with toys or crayons, then attach it across the back of your car's front seat, bringing out a new toy or game every 15 minutes or so. Car games are a good diversion too — counting cows (black ones count double), horses, barns or water towers.

If you planned your picnic carefully — and followed your plan — you'll be looking forward to your next picnic even before you get home.

Rhymes of the Times

ELECTRICITY ISN'T FREE
USE IT TO WORK AND SEE
HOW CUT THAT JUICE
WHEN IT AIN'T IN USE

155 Attend Annual Sports Banquet

One hundred and fifty-five Arsenal athletes gathered at the Main Cafeteria May 14 for the annual Winter Sports Recognition banquet. The dinner is held in honor of the teams in the basketball and bowling leagues and the chess club.

Guest speakers at the celebration were H. M. Krengel, General Manager, Lt. Col. T. M. Scott Jr., Commanding Officer, Col. Henry van Ormer, 67th Group Command-

er, and Don Anderson, Recreation Supervisor.

Several humorous events took place in the presentation of awards this year.

For instance, "Tiny" Sanford of the OAB bowling team, winners of the Wednesday league, received a coat hanger instead of a jacket. "Tiny" happens to wear a size 50 jacket, which had to be special ordered and didn't arrive in time for

the dinner.

The Old Timers bowling team, and particularly team member George Yocum, have been on the receiving end of practical jokes for the past five years. This year the tables were turned and Mr. Yocum presented the "Gutter Gus" bowling trophy to genial General Manager Harry Krengel, whose team lost a special match to the Old Timers.



LEFT — Group Six copped first place in the Basketball league for the second consecutive year. Members of the team are Booty Lohr, Gene Lemasters, Ned Kamer, Francis "Red" McDowell, K. O. Flesher and Paul Proctor. **RIGHT** — Champion chess player this year was Hank Stanonik.



THE CUT-UPS finished this year's bowling season tied for third place with the Misfires. However, in a play-off game they emerged the victors. Left to right are Annabelle Barker, Betty Lou Mike, Edith Kouba, team captain; Mary Jane Hollenbach and Jo Parks.



LADIES LEAGUE TOPPERS — The Inc Spotters copped first place in the Thursday Night Women's Bowling league with a 64½-19½ tally. Above left to right are Elizabeth Heritage, team captain; Joan Heritage, May Anderson, Mary Lou Bognar and Tress O'Lear.



FIRST PLACE in the Wednesday Night Bowling league was taken by the Old Atlas team. Left to right are: Art Lewis, "Tiny" Sanford, Willie Jones and Bud Kimes. Absent for the picture were John Ponchak, Ivan Horner and Johnny Stewart.



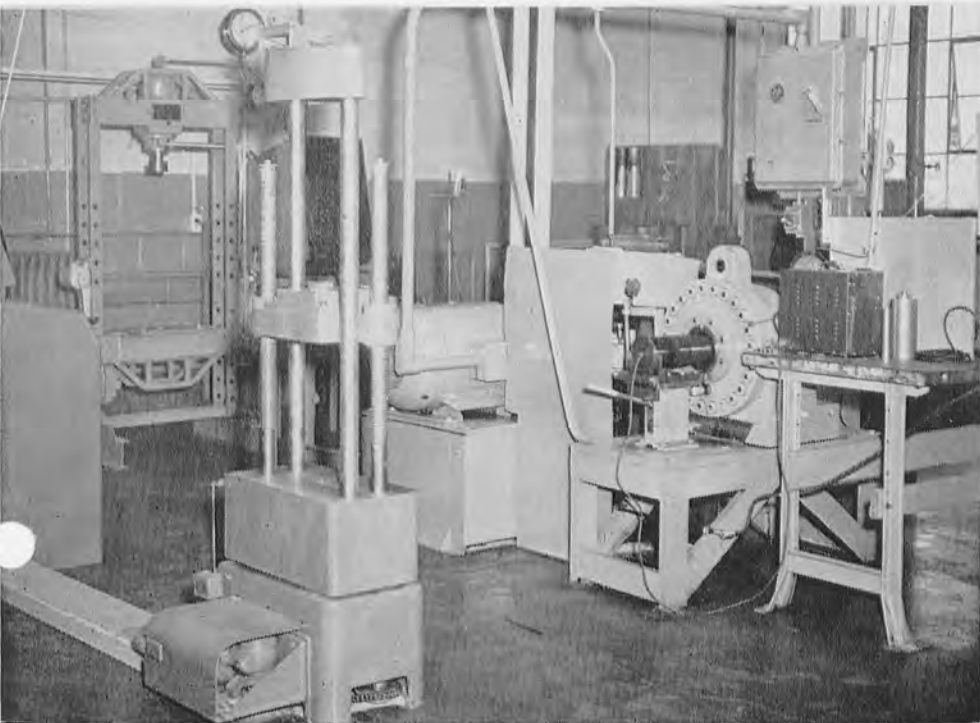
SECOND-PLACERS in the Women's league were the Barn Stormers. They are Dorothy Thomas, Ruth Jonason, Nancy College, Katie Riccardi, Maxine Kirtley and Nancy Kayser.



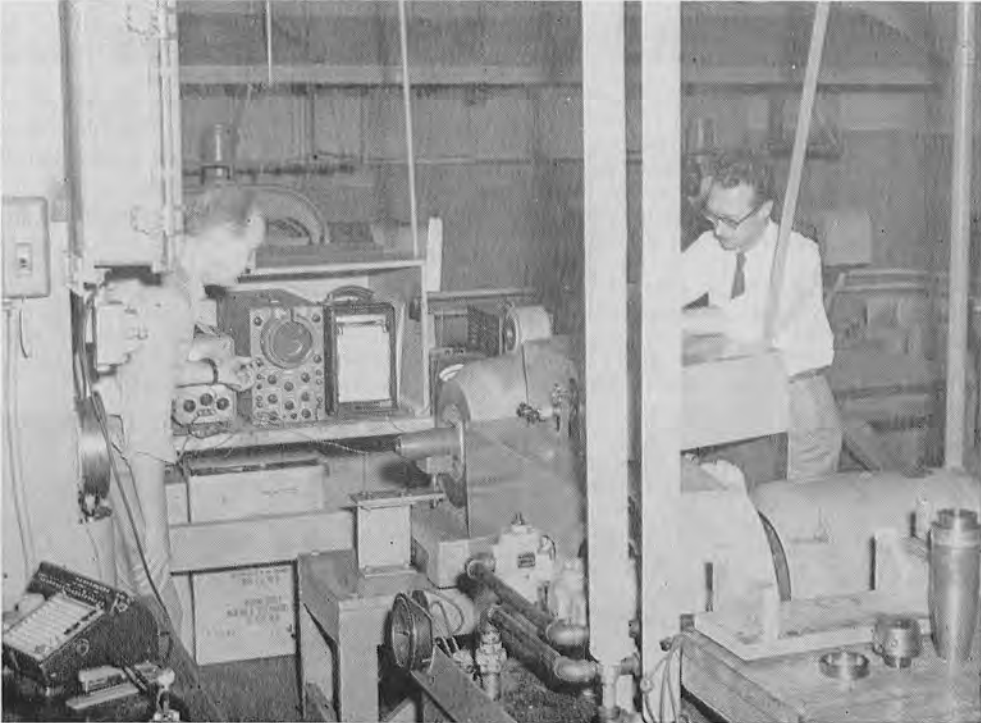
LOAD LINE TWO nabbed first place in the Monday Night league. Pictured from left to right are Bob Medallis, Virgil Hudson, Larry Mike and Joe Sase. Absent was John LaCivita.



WINNERS of the Friday Night Mixed Doubles league were Al and Betty Garrard, a husband and wife team.



THIS IS A GENERAL VIEW of the pulling section of the pull tester (foreground), the 50-ton inserting press (left background), and the 30 horse power motor operating the hydraulic power unit supplying oil to the crimping head.



PROJECT ENGINEER J. W. Hopwood records progressive crimping pressure as it is read by John Shuler. Tip of test projectile can be seen in the foreground as case is being crimped to the test projectile in the 150-ton crimping head.

Engineering Division Conducts Development Project

"Better quality and increased production at lower cost" are the benefits to be realized from the RAI project being conducted in Building 813.

During the early days of 90mm shell production on Load Line One, the Engineering Division originated and installed various mechanization and improvement projects.

One of these was the de-

velopment of a rubber die crimping machine to replace the existing mechanical stab-type crimpers.

AS AN OUTGROWTH of the rubber die crimper, the Engineering Division initiated the current project to "Eliminate Destructive Testing (Bullet Pull) of 90mm Complete Round Ammunition."

Funds were approved by

the Ordnance Ammunition Command and the Office Chief of Ordnance and in July 1955, Project Engineer J. W. Hopwood began ordering necessary test instruments and research materials.

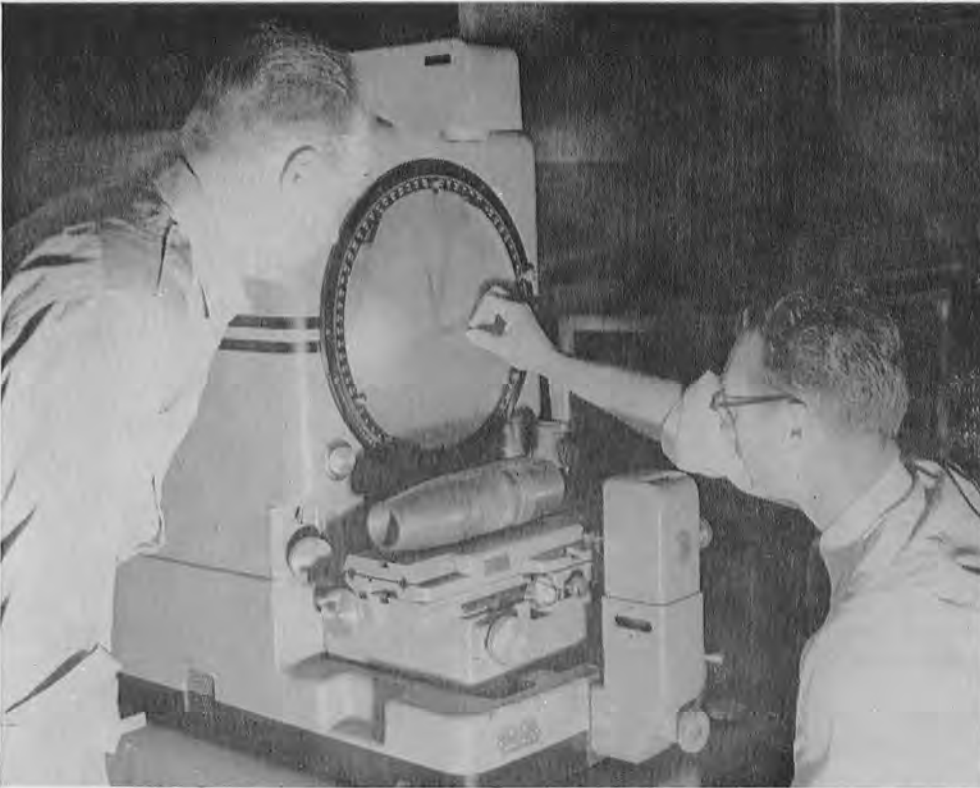
Upon receipt and installation of the latest in electronic equipment and tools in Building 813, actual experimentation began.

RECENT TESTING has been directed toward development of the optimum crimp groove for the 90mm complete round assembly.

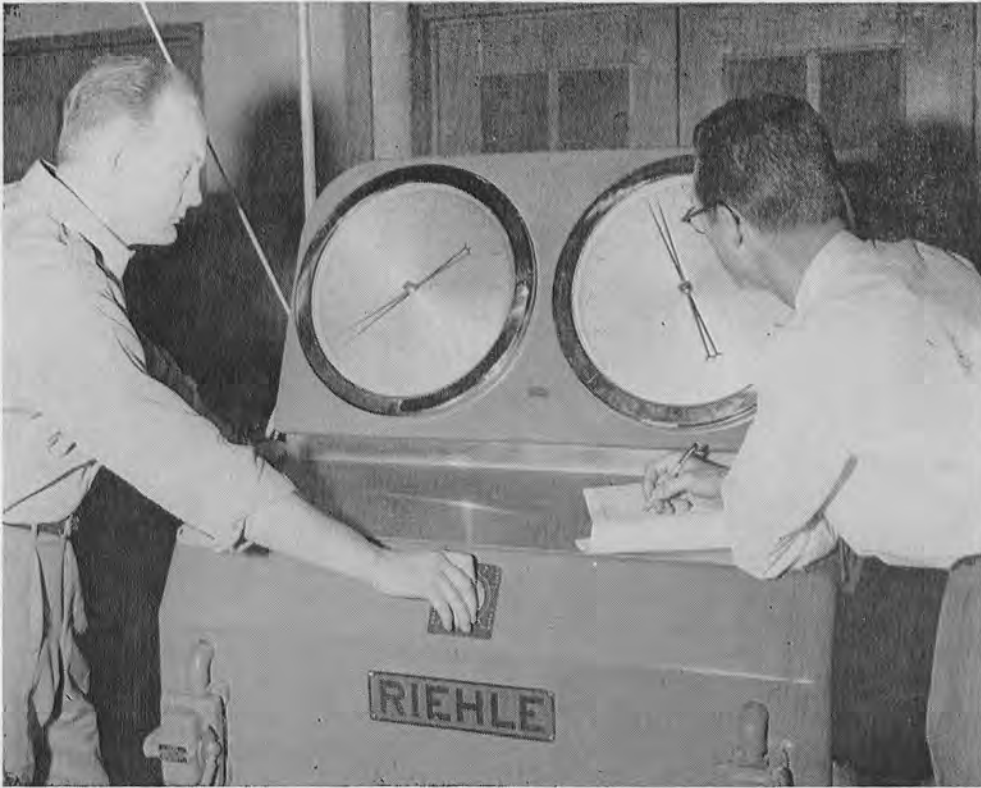
A new concept in the crimping process has been developed with several test 90mm rounds scheduled to be assembled and shipped to Picatinny Arsenal for jolt, jumble and general packaging tests. Results from these

tests will form necessary basis for further experimentation or action.

In addition to eliminating the cost of over \$30,000 yearly spent in direct bullet pull operations, the importance of this project is apparent from the benefits realized in improved velocity control, better sealing between case and projectile and longer storage life.



CRIMP GROOVES are shown being measured on the optical comparator which magnifies up to 100 times the actual size.



BULLET PULL pressures are recorded as case and projectile are separated in the 60,000-pound tensile pull tester.

What's Ahead?

(Continued from page 2)

increase of about 16 percent over 1950.

Americans will continue to flock to the suburbs — for there is need for elbow room and the improved standard of living — while still remaining close to jobs in urban industry and trade.

The trend toward governmental participation in social welfare is accelerating. Total government expenditures in health, welfare, education, social security, defense, highways and other categories will be 50 percent greater in 1960 than in 1950.

This, added to company-spending on welfare, assures a higher degree of security for workers.

Resources, mass production, au-

tomation, technology — these tell only a part of the story. Below, lies the intensive application of a genius released by our American freedom of enterprise coupled to a working democracy — a democracy that brings out the total and individual talents of an optimistic, vital people.

(The foregoing article is based on material in the comprehensive study of "America's Needs and Resources: A New Study," by J. Frederick Dewhurst and associates, recently completed by The Twentieth Century Fund.)

One of the worst tragedies that can befall a man is to have ulcers and still not be a success.

The French Say . . .

The French claim they can tell the nationality of an automobile driver by the way he behaves when a tire bursts.

The American throws away the old tire and buys a new one.

The Englishman takes the damaged tire to a repair shop.

The German looks up in a manual: "What to do when a tire bursts."

The Russian makes 50 pairs of rubber heels out of the flat tire.

The Swiss thereafter carries two spare tires instead of one.

The Italian complains against the government.

The Frenchman writes a letter to protest to the manufacturer.

The Scotchman gives up driving.

Dr. Knight Elected To AOIP Board

Dr. Arthur L. Knight, Arsenal medical director, has been elected to the Board of Directors for the Association of Ordnance Industry Physicians. He will represent the 2nd Army region.

Dr. Knight is 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.

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. He has been at the Arsenal since December 1952.



DR. A. L. KNIGHT

Side Glances

(Continued from Page 5)

Ravenna High School May 29, and left the next day to visit her brother, Fred, in Dallas, Tex. . . . **Roger Burns** climaxed his vacation with a family reunion at Perkins Park, Warren, held in honor of his brother, Bill, who is here with his wife and family from California.

Jean Sechler is suffering from severe sunburn acquired while boating on these part hot days. . . . **Charles Needler** just returned from a fishing trip to Canada, and **Dick Benton** has journeyed there to try his luck. . . . **Joe Clark** spent an enjoyable week in New York City.

Bob and Estella Howell recently moved into their brand new home in Salem. . . . **Ralph Thompson** used his vacation to work on a new house he is building; while **C. W. Kemp** and **Floyd Brandon** just relaxed at home.

Welcome back to **F. M. Soper** and **Fred Osborne** who both were ill for a month. **Ervin Cooper** is back to after a serious heart operation and **Leonard Love** has also returned after illness. . . . A great big welcome to **Metro Wawrin** who is working again after recovering from a bad fall in his barn over a year and one half ago. . . . Servicemen returnees at Roads and Grounds are **Robert Swecker** and **Frank Bennett**. . . . Yeoman First Class **Byron T. McCulloch**, son of **Jim McCulloch**, has been assigned to duty at Breen Bay, Wis. . . . A group of staff engineers and draftsmen attended the Materials Handling Show in Cleveland on June 6 and 7.

Speaking of pets, **Ruth Orwig** has quite a few. Her newly acquired monkey brings the total to seven in all. . . a great Dane, three cockatiels, two parakeets and the monkey. Now she really has a problem. In order to go on her vacation, should she take her pets to room and board at a veterinarian's, or would it be cheaper to hire the veterinarian to "baby-sit" at her house?

Load Line Three

Sympathy is extended to the **Henry Altman** family on the death of his niece. This is the family's second loss within a year.

Mrs. Donald Petrie and son, **Douglas**, of Dover, Del., were recent visitors at the **G. R. Carley** home. . . . **Reo Polidori** used his recent vacation to add a room to his home in Newton Falls.

Depot Area

Alice, wife of **Andrew (Pete) Richards**, is presently in the Cleveland Clinic for a major operation. Prior to this she had just been released from Ravenna hospital. We sincerely hope the recovery will be rapid.

William Baird of F-16 was called to Adairsville, Ky., due to the death of his brother. Our sincere sympathies are extended. . . . Those on vacation from the Depot recently were **Robert (Shorty) Williams**, **William McCall**, **Barney Rothermel**, **William Herron**, **George Johnson**, **Clarence Williams**, **Lawrence Hubenly**, **John Sprouse**, **Roosevelt Rogers**, **Joe Branch** and **Elmer Barton**.

Hubert Burketh, **Willie McGuire** and **Mason Rogers** enjoyed the Indians-Yankees night game of May 14. . . . **Ray Trochio** just returned from a pleasant vacation.

Headquarters Depot Offices

Congratulations to **Mr. and Mrs. Mike Minneck** who celebrated their 17th wedding anniversary on May 20. . . . Belated happy birthday wishes to **Thelma McNamara** whose birthday anniversary was May 28.

Katie Riccardi and her sister, **Jean**, motored to Buffalo for a weekend to visit their brother and family. . . . **Red Sieferth** was a bachelor for a week while his wife, **Margaret**, and grand-daughter, **Diane**, were in Chicago visiting relatives.

John Hank spent a restful week of vacation working at home. . . . At Niagara Falls sight seeing were **Ruth** and **Kyle Jonason** and her brother, **Butch**. . . . The **Dick Spencer** family visited Gettysburg, Harpers Ferry and toured the Skyline Drive while vacationing.

General Stores

Richard and **Lillian Bowman** drove down the Skyline Drive and to Gettysburg for their vacation trip. . . . **Carl Vinciguerra** enjoyed his vacation at home. . . . Recently visiting her brothers in Toronto, Canada, was **Myrtle Collier**.

The **R. O. Moneypenny** family visited relatives while vacationing in West Virginia. . . . Congratulation to **Grace Sells'** daughter, **Gwenn**, who was capped at St. John College on June 10.

Ordnance Staff

Colonel Scott's parents, a brother and sister and their families were weekend guests at the Commanding Officer's home. . . . Vacationing in Minnesota with relatives is **Harold** and **Marge Kline** and family.

Ten days vacation was all **George Halstead** could take in the North Bay region in Canada. George reported there was snow on June 1st and the fishing was nil. Their catch — two small trout.

Vacationing in Florida are **Roland** and **Pauline DeUnger** and the **Ernie Goodmans**. . . . Congratulations to **Estelle Pavlick** for placing second in the county-wide "500 Club" Bowling tourney. . . . We're happy to report **C. T. McKinley** is back to work again.

Agnes Marshall and her mother, **Mrs. J. W. Davison**, first vice president and president respectively of the Southington American Legion Auxiliary, have been elected as delegates to the Department Convention being held in Cleveland July 20-22.

V. E. Carpenter is attending a traffic safety program in Chicago. . . . **H. L. Jones**, Safety Inspector from OAC, visited the Arsenal the week of June 11.

P. E. & I. Division

Jane and **Henry Mesko** spent a recent weekend motoring through New York state, and stopped to visit Niagara Falls. . . . Welcome back to **Tony Sabatini** who has returned to Materials Inspection after serving two years in the Army.

Damp But Undaunted Athletes Take To Greens, Diamonds For Summer(?) Sports

Since Arsenal golf leagues took to the links and greens the latter part of May, there has been exactly five days of sunshine. But in spite of the rainy weather, the leagues have managed to get in a few games with most of their members clad in raincoats, hats and umbrellas.

One of the Dubs and Duffers League players informed us that they are going to change their name to the Water-Logged Putters, if the weather doesn't change!

The RAI Softball League hasn't fared as well as the golfers. Softball opened June 11, the league played one game and has been rained out every game since then.

There are now four golf leagues and a fifth one is being formed. The leagues play at Chestnut Hills and Meadowview Golf Courses, Ravenna.

Anyone interested in "Iron U" slinging is invited to contact the Recreation Department, because scratch and handicap leagues are now being formed. Courts are available for practice.

Following are available standings for the golf leagues as of June 15.

DUBS AND DUFFERS		
Team	W	L
Readshaw-Lynch	24	12

Living Bouquets

*When I quit this Mortal Shore
And mosey 'round this Earth
no more,
Don't weep, don't sigh, don't
sob --*

*I may have found a better
job.*

*Don't go and buy a large bouquet
For which you find it hard to
pay;*

*Don't mope around and feel
all blue --
I may be better off than you!*

*Don't tell the folks I was a
saint
Or any thing you know I ain't;*

*If you have jam like that to
spread,
Please hand it out before I'm
dead.*

*If you have roses (bless your
soul),
Pin one in my button hole
While I'm alive and well to-
day;*

*Don't wait 'til I have gone
away.*

-- Vivian Jennings

Weisend	7½
Melesky	6
Readshaw	5½
Widger	5
Harris	4
Clabaugh	4
Kohlberg	4
Lynch	3½
Wilkinson	2½
Burns	½
Pavlick	0

IGA LEAGUE		
Team	W	L
Tekey	16	4
Ruble	19	5
Lemon	14	6
Lynds	14½	9½
Taylor	10½	9½
Mike	9	15
Scott	7	13
Gumino	6	14

* * *



FAIRWAY FOURSOME---Getting ready to tee off at Chestnut Hills Golf Course are Earl Babington, G. R. Carley, Phil Larcus, and Arden Nelson, members of the Dubs and Duffers league.



AND HE'S OUT---Aaron Buckman, catcher for the 67th AAA Group softball squad, prepares to out an unidentified player from the Layaway Crew team, as he slides in home.

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A smile is the light in
the window of a face
which shows that a heart
is at home.

RAVENNA ARSENAL NEWS

Minds are just like para-
chutes. They won't work
unless they are open.

Vol. 9, No. 12

RAVENNA ARSENAL, INC., APCO, OHIO

June 1956

Says Tough Challenge Faces Nation

Arsenal Commander Speaks At Ravenna Memorial Gathering

"The only things that have not changed over the years are the ideals for which legions gave their lives and which all American forces are still pledged to support."

These were the thoughts of Lt. Col. Thomas M. Scott, Jr., when he addressed a gathering at Maple Grove Cemetery, Ravenna, at Memorial Day services.

"Times have changed," said the Arsenal Commanding Officer, "and to be of service we must change. We are now living in a period of crucial challenge that may determine the fate of freedom itself. It is a tough challenge but

we are a tough nation."

"This does not mean we should be pessimistic," Colonel Scott continued. "Had we been a little wise we would have known the world was shaken to its foundation in 1914 and foreseen the United States would emerge a leader among nations."

* * *

THIRTY YEARS AGO, the Colonel explained, there were 250,000 men in the Armed Forces with a \$600 million a year budget. "The same number of men represent one one-fourth of those in the Air Force alone this past year. The budget was \$34 billion.

"In the past we relied on a nucleus of small, regular forces. This is all altered. Now we are developing ready reserve units. The nation depends on its reserves and reserve forces today."

In paying tribute to men who gave their lives Colonel Scott concluded, "We pledge to support the ideals for which they gave the supreme sacrifice."

Col. C. K. Allen Here To Present Army Award



FORMER CO PRESENTS AWARD---Col. Charles K. Allen, Chief of the National Industrial Operations Division at OAC and former Arsenal Commanding Officer, presented the Army's highest safety award, The Award of Merit, to Lt. Col. Thomas M. Scott Jr., Commanding Officer, and H. M. Kregel, General Manager, on June 13. Pictured above receiving the award are C. F. Craver, Safety Manager; Mr. Kregel, Colonel Allen, Colonel Scott, and Virgil Carpenter, Ordnance Safety.

The award recognized the Arsenal's outstanding safety record for 1955 and in presenting the award, Colonel Allen pointed out that only six other installations in the country have been so honored. He said that the emphasis placed on safety by top management, the continuous safety training and the cooperation of all supervisors and employees are responsible for winning this award.

Speaking to a group of RAI supervisors and members of the Ordnance Staff, Colonel Allen recalled incidents of 1951-1953 when he served as Commander of this installation. He congratulated the Arsenal on its past record and asked for continued effort to retain the high standing we now enjoy.

Good Ideas Pay For 12 Employees

Twelve Arsenalites collected a total of \$120 when their good ideas were approved for payment at the May meeting of the Ravenna Arsenal Suggestion Board.

Twenty dollars in idea cash went to Willie McGuire, R. D. 4 Ravenna, for an idea to adapt lift forks to permit palletizing eight-inch boxes with fork lift. Mr. McGuire is a munitions Handler.

Another \$20 award went to Mike D'Orto, Leonard Westover, Richard Pardee and Earnest Jones for their joint suggestion to improve piping of mercury hoist oil return lines. All four men are equipment mechanics. Mr. D'Orto lives in Salem; Mr. Westover in Newton Falls, Mr. Pardee in Windham and Mr. Jones in Alliance.

The Arsenal's idea man, Del Wilhelm, picked up two more awards in amounts of \$10 each. Both of his ideas concerned the onion skin machine and one was to install a cover over the tray feed channel. The other suggested mechanism to prevent the onion skin machine from reverse drift. Mr. Wilhelm lives at Wayland.

Kalep Gary, explosives Operator from Warren, collected \$10 for an idea to replace rubber wheels on sample buggy with a harder type wheel such as fiber or plastic. Truck Driver William Kitelinger, Newton Falls, suggested a revised method for loading fuel oil into tank truck at Depot U-6.

O. A. Moodie, clean up man from Ravenna, collected a \$10 award as did W. J. Wolfe, millwright from Hiram. Also, M. E. Spiker, maintenance laborer, Ravenna; and S. C. Adkins, sewage disposal plant operator, Newton Falls.



"SYMBOLS OF INDEPENDENCE"

RAI Chess Club Wins First Match

Seldom, if ever, are stories of recreation activities printed on the front page. An exception is made this issue, however, because the Arsenal Chess Club has won its first victory in an outside match. THIS IS NEWS!

The Arsenal gamesters "severely trounced" the Mantua Chess Club by a score of 9½-8½ in a match on Friday night, May 18.

However, it must be admitted that we are slightly "poking fun" at our chess players. Their win record isn't really as bad as it has been made to sound.

ACTUALLY, in the two years the chess club has been organized, only four outside matches, including the Mantua game, have been played. Of this number, the Arsenal club won one, tied one and lost two.

The chess matches are played in teams, with each man playing two games. Individual scores of the May 18 game are as follows:

Player	Won
Barnett	1½
Stanonik	1
Knight	1
Clark	1
Long	1
Shuler	2
Bloomer	1
Merrill	1
Buchanan	0



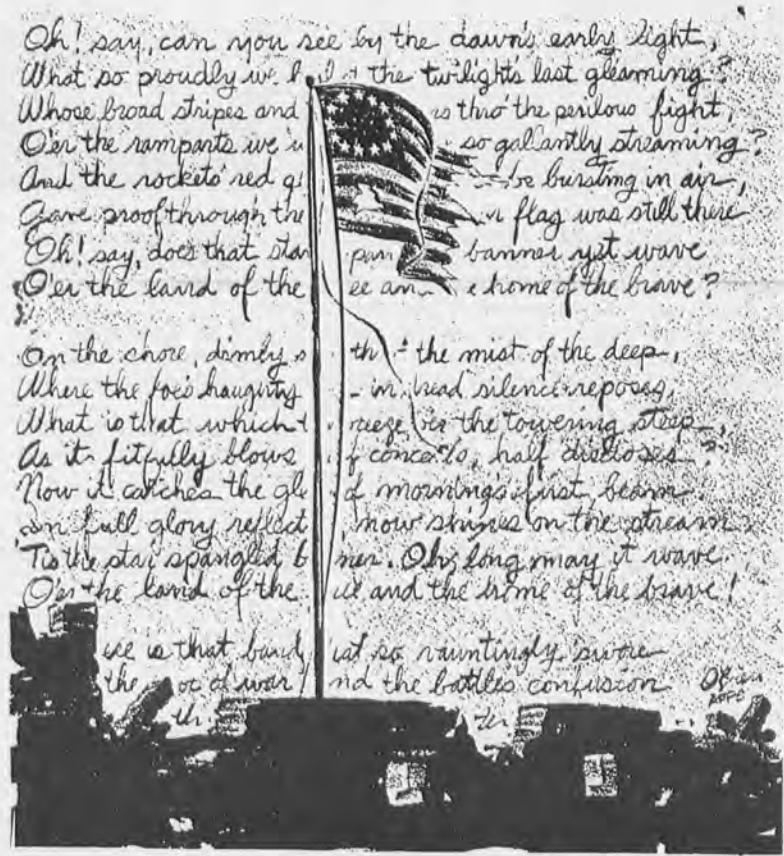
"I have never had a feeling, politically, that did not spring from the sentiments embodied in the Declaration of Independence." So said Abraham Lincoln.

On July 4, the document Mr. Lincoln revered will be 180 years old. As political documents go, the Declaration is barely passing into adulthood. England's Magna Carta, for example, is more than 700 years old.

But in its 180 years of life, the Declaration has served as a guide and an inspiration for all Americans. Its basic principles are almost a perfect definition of that elusive phrase, "the American way."

"That all men are created equal; that they are endowed by their Creator with certain unalienable rights; that among these are life, liberty, and the pursuit of happiness. That to secure these rights, governments are instituted among men, deriving their just powers from the consent of the governed; that whenever any form of government becomes destructive of these ends, it is the right of the people to alter or to abolish it . . ."

As Jefferson and Jackson did in their time, as Lincoln did a half-century later, all of us should strive to make these principles real to every American.



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67th AAA Group — Fred Leunberger.

Army Celebrates 181st Anniversary

The U. S. Army celebrated its 181st birthday anniversary on June 14 with the official theme for the celebration being "The U. S. Army — America's most Versatile Fighting Force."

The day was recognized throughout the Army by such activities as parades, open houses, weapons demonstrations, tactics demonstrations and various social functions.

The following resolution of the Continental Congress, June 14, 1775, brought the Army into being:

"Resolved, that six companies of expert riflemen, be immediately raised in Pennsylvania, two in Maryland, and two in Virginia; that each company consist of a captain, three lieutenants, four sergeants, four corporals, a drummer or trumpeter, and sixty-eight privates.

THAT EACH COMPANY, as soon as completed, shall march and join the Army near Boston, to be there employed as light infantry, under the command of the chief officer in that Army.

That the pay of the officers and privates be as follows, viz, a captain 20 dollars per month; a lieutenant 13 - 13 dollars; a sergeant 8 dollars; a corporal 7 - 13 dollars; privates 6 - 23 dollars; to find their own arms and cloaths.

That the form of the enlistment be in the following words:

I — — — — have, this day, voluntarily enlisted myself, as a soldier, in the American continental army, for one year, unless sooner discharged: And I do bind myself to conform in all instances to such rules and regulations as are, or shall be established for the government of said army.

Upon motion, Resolved, that Mr. (George) Washington, Mr. (Philip) Schuyler, Mr. (Silas) Deane, Mr. (Thomas) Cushing, and Mr. (Joseph) Hewes be a committee to bring in a draft of Rules and Regulations for the government of the Army."

An Editor's Joy

Getting out this paper is no picnic.

If we stick close to the office all day, we ought to be around hunting material. If we go out and try to hustle, we ought to be on the job at the office.

If we print jokes, people say we are silly. If we don't, they say we're stuffy.

If we don't print contributions, we don't appreciate genius, if we do print them, the paper is filled with junk.

If we edit the other fellow's write-up, we're too critical; if we don't, we're asleep.

If we clip things from other papers, we're too lazy to write them ourselves. If we don't we are stuck on our own stuff.

Now like as not, some guy will say we swiped this from some magazine. We did!

NOT MUCH NEWS

If the paper doesn't seem quite as full of news as usual, it's because we had a good case of the measles this month and were not able to finish collecting the news items.

We are proud of the fact that we've never missed an issue in spite of sickness, vacation or what - have - you, and hope you'll bear with us when we are slightly "short" of news.

WHA'D I SAY???

Correction in a small-town newspaper: We reported incorrectly that Mr. Ed Smith is a Detective in the Police Force. Mr. Smith is really a Detective in the Police Force.



USE A SOFT BRUSH, laden with thick soap or detergent suds on soiled edges or spots on your flag.

Fly A Clean Flag On July 4th

The official name of the United States national flag is Stars and Stripes, but it is also known as Old Glory, the Red, White and Blue, and the Navy calls it the U. S. Ensign.

But however it's referred to, we Americans fly it proudly on such holidays as Memorial Day in May, Flag Day in June, and Independence Day in July. Actually, according to Public Law 829, passed by the 77th Congress, the flag should be displayed every day except in bad weather.

There are many days throughout the year when it is especially fitting and proper to display Old Glory. The rule is to place the blue field, or union, to the right if flying vertically, to the left if flying horizontally. At no time should the flag be allowed to touch the ground.

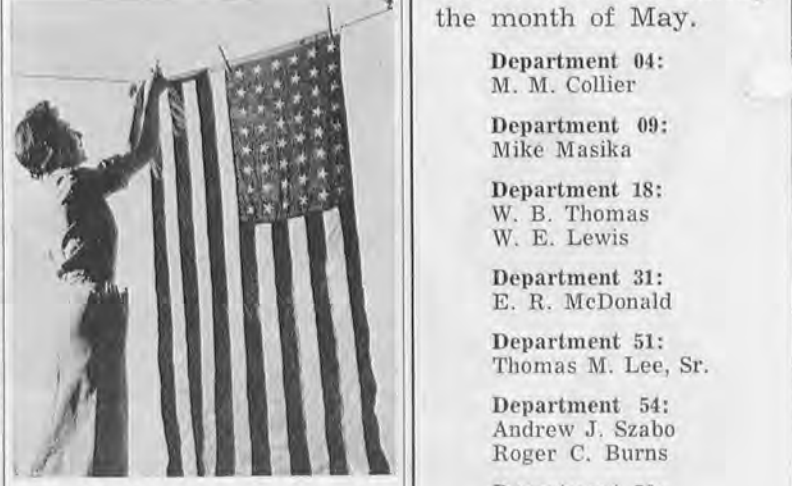
Never display or store your flag in such a way as to get it dirty, but if it does become soiled with the dirt and grime that float through the air, you may launder it carefully. Fortunately, most flags are washable and to preserve those bright, vibrant colors — the red, white and blue — wash your flag with loving care.

FIRST, use a soft brush, laden with thick soap or detergent suds, on soiled edges and spots. Then, squeeze the whole flag in a deep tub full of warm water and abundant suds — the bathtub is convenient if the flag is large.

Never twist, wring, or rub the fabric against itself. Rinse well, using cool water at the end, and extract excess moisture.

Next hang the flag on the clothesline as correctly as you would for display. Consider yourself lucky you don't have to handle the largest flag of all — it flies over the George Washington Bridge in New York and requires twenty men to raise it!

* * *



HANGING THE FLAG correctly on the line to dry is just as important as displaying the flag on a holiday. Be sure you place the blue field at the right if hanging vertically, to the left if flying horizontally.

Side Glances

Transportation Division

Mr. and Mrs. Homer Starkey spent last weekend visiting her relatives in Spencer, W. Va. . . . **Homer Zimmerman** is back to work after being ill for two days. Also, Mr. Zimmerman is a contestant in the Kent centennial.

The W. W. Lemasters family spent last weekend visiting relatives near Wheeling, W. Va. . . . **G. C. Myers**, an electric train hobbyist, just made an addition to his large collection - a 15-pound engine plus 3-pound cars and 50 pieces of 3 gauge track. If this one jumps the track it may go through a wall or two!

W. H. Daley and Ralph Hicks have returned from enjoyable vacations. Mr. Hicks visited his home state, Georgia. . . . **H. P. Johnson** was in Princeton (W. Va.) Memorial Hospital for a minor operation.

Carl Meyer's son, James, was one of the graduating students this year, having completed his 12 years of study at Sharon (Pa.) High School. . . . **Bernie Ashcraft** is back to work after a few days' illness.

Thomas Miller, nine-month-old son of Mr. and Mrs. Norman Miller, is recovering at home after spending 10 days in Robinson Memorial Hospital and Children's Hospital due to pneumonia and complications.

"**Doc**" **Leggett** garage tire man, is certainly having his troubles — his five daughters are all in bed with the measles!

S. L. Marsh has moved into his new office in the west end of Building 1034. . . . **Jennette Bell's** family and nephew journeyed to the Cleveland zoo to see the new elephant house which was added this year.

Jim Murray spent a week of his vacation dangling a foot in the air! Infection set in his left foot and doctor's orders were to elevate his foot and rest.

Tom Grant is fishing a little and resting a lot while on vacation and **Eddie Read** is busy painting his house.

Garland Straten took a trip to Wellston on his vacation, then spent the rest of his time working at his restaurant. . . . We're happy to hear **Mrs. J. Stacy** is recovering nicely following an appendectomy.

Marlene Rakes, wife of **John Rakes**, Railroad Yards, was called to Mississippi by the untimely death of her grandmother. . . . **Carl Cooper's** daughter, **Mrs. Pauline Billings**, recently visited him at his home in Ravenna. She came from Gary, Indiana, to bring her daughter to see her grandfather for the first time.

George Carson recently became the uncle of a 5 lb. baby girl, the daughter of his sister-in-law, **Katherine Proctor**.

Rile Hunsucker was a weekend visitor in Cleveland where he attended the Cleveland-Chicago game. He is an avid Indian fan.

Elwood Moss and family went to Midland, Pa., on Memorial Day to see his sister who is ill. Recent guests at the Moss home were **Robert Owens** and family.

Scott Smith is visiting relatives and friends in West Virginia while on vacation. . . . **Frank Paul** recently traveled to Cleveland to visit his sister and her husband. . . . We hear that **Charlie Grier's** new home is nearly completed and he will move into it soon.

Maryllyn McDowell, daughter of "Red" and **Joy McDowell** represented her school at a birthday party for her principal at the Sheraton-Mayflower Hotel.

Robert Brooks and wife recently moved from Akron to Ravenna where they found a home with a splendid place to "sit back and relax" . . . **L. G. Sears** spends most weekends in Cleveland where he visits his daughter.

Sally Payovich spent a week of her vacation just taking it easy and a week was spent visiting relatives at Aliquippa, Pa. While there she went to see Cinerama and enjoyed it very much.

Charlene Horn and husband spent a recent weekend in Mount Vernon, Ohio, and attended an alumni banquet. . . **Mary Jane Hollenbach** enjoyed a pleasant weekend in Toledo as a delegate to Alpha Iota Business Sorority convclave.

Congratulations to **Marty and Leo Spahn** who celebrated their second wedding anniversary June 5. . . **Bill Bowers** was in New Castle, Pa. to attend his granddaughter's graduation.

Nationwide Food Service

Anna Kleindenst toured Florida on her vacation, while **Mildred Graham** enjoyed the western part of the country. . . . Visiting her daughter and family in Detroit was **Emma Tackett**.

Pearl Packett motored to West Virginia to visit relations and friends this past weekend. . . . Other West Virginia visitors were **Eva Snyder** and **Ethel Bulvony** who went to Glenville to see Eva's mother and father.

Charles Copeland enjoyed Memorial Day with friends in Cuyahoga Falls. . . . **Florence Beaver** and husband motored through the Blue Ridge Mountains on the Skyline Drive while on their vacation.

Load Line Two

Raymond Johnson, Exalted Ruler of Cantell Lodge 1417, attended a convention in Cleveland June 7-10. He acted as representative of the Past Exalted Ruler Council and as a delegate of the Alliance Elks Lodge.

Get well wishes are extended to **Arthur Ivory** who is absent from work recuperating from an operation.

Engineering Division

Lester Rossow motored 3,000 miles to see his son, **Airman 1/C Leon Rossow** stationed at the Reese Air Force Base in Lubbock, Tex. In his spare time, Mr. Rossow is busy building a new home in Kent.

Mr. and Mrs. Otis Sole are home again after a 1,700-mile trip through the New England states. They visited Bridgeport, Conn., traveling back through the Catskill and Bear Mountains in New York state.

Mr. Duer's arm's reach will have to improve if he is to catch his man Friday, **Bob Pavlick**. Bob and wife, **Estelle**, are spending two weeks in Auburndale, Fla.

Eileen Shearer, daughter of the **Jack Shearers**, graduated from

(Continued on Page 6)

For -- Family Living

Empty Soup Cans Convert To Centerpiece

Giving a bridal shower is a way to help your bride-to-be friend set up housekeeping, for she is certain to receive useful gifts of all sizes and descriptions from bath towels to egg beaters.

Ingredients for a successful shower call for good food, fun and laughter, and pretty trimmings.

Pictured here is a simple and decorative centerpiece made from empty soup cans, crepe paper, bits of veiling, black construction paper for the groom's hat and white artificial flowers for the bride.

Cover each can with peach crepe paper about 6 inches wide (cut with the grain) and long enough to stretch twice around the can. Fasten the ends together with paste or glue. The paper will extend an inch above and below the can — fold over and tape down.

Hold the cans open-end down and sketch in facial expressions with ink or crayon. Paste black crepe paper hair on top of each can. Next make a top hat for the groom and paste a black crepe paper bow tie to his collar. Use a 9x30 inch piece of white veiling to fit over the top of the bride's head and trim with flowers and ribbon.



Mary Elson Weds Geo. Sewald

Two Arsenalites, Mary Colletta Elson and George S. Sewald, were united in marriage May 29 in the Immaculate Conception Church, Ravenna, with the Rt. Rev. Msgr. Leo Schindwein officiating.

The bride is the daughter of Mrs. Anna C. Elson of Kent, and is a laboratory assistant at the

into a chapel length train. Her veil of illusion, bordered with lace, was trimmed with opalescent sequins.

Following the ceremony, a dinner for the immediate family was held at the Bert Spencer home in Windham. The reception was held at the VFW hall and Deno Lonias orchestra provided music.

The bride attended St. Mary's academy, Lorain, and was graduated from Ravenna high school. She also attended Kent State University where her husband received his bachelor of science degree.

For her going-away outfit, the bride chose an ice blue linen sheath dress with matching duster and white accessories.

After a wedding trip through the southern states, the couple is now at home to their friends at their new home, 1281 Meadow dr., Kent.



Mrs. George Steven Sewald

Control Lab. Mr. Sewald, an Arsenal chemist, is the son of the late Mr. and Mrs. Steven G. Sewald of Ravenna.

* * *

GIVEN IN MARRIAGE by her uncle, B. W. Brainard of Lorain, the bride wore a Ponder original gown of Alecon lace and tulle fashioned with portrait neckline and fitted bodice. The bouffant skirt of nylon tulle and lace extended

Car Colors Toned-Down

Automotive color schemes, which were getting so bright and flashy one could tell a taxi only by the light on top, have taken a turn toward more conservative shades.

Buyers of cars are selecting more blacks and whites. Black has been the choice of 37 percent of the purchasers of one \$10,000 luxury line car although it is offered in 14 shades.

Those who still prefer two-tones are mixing grey and black, according to an automotive stylist. He thinks extreme colors were a reaction to WWII and the Korean War, and calls the current toned-down trend "a return to elegance."



and another trying to tie her feet in knots, and still write a check for the dry cleaners.

"A mother is a queer sort of person. In a single instant her endless cooking and dishwashing and ironing and sock darning and knee bandaging can swell over into a heart-thrilling wave of pride on visitors' day at kindergarten when Mike stands up in his new red sweater, replies 'Yes, ma'am' to the teacher, and solemnly walks to the front of the room to direct the rhythm band.

"A mother's payment is rich and full. No crown adorns her head, no lackey leaps to do her bidding, but there are times when she feels like a queen." (AFPS)



IN PARROT JUNGLE — Mrs. Kleindenst of Building 808 Commissary, vacationed in Florida this year enjoying the sunshine. While touring the state, she visited the Parrot Jungle where the above picture was taken.

CONSERVATION CLUB HOLDS BARBECUE, SHOOT

The Ravenna Arsenal Conservation Club held a combination trap shoot and barbecue at the Old Atlas grounds on June 7.

The 67th AAA Group, under command of Col. Henry P. van Ormer furnished the barbecue equipment and the mess sergeants who served 40 pounds of succulent barbecued roast beef.



FAMOUS FLOAT---For the past five years the Arsenal has been asked to drive its now famous float in various holiday parades in nearby towns. The truck is decorated, of course, in red, white and blue, and carries the "Power for Peace" slogan. Included in the display are 8-inch Howitzers, 90mm cases, a 90mm cutaway, 105mm cartridge cases, an 81mm mortar, and a cluster bomb.

What's New
In Medicine

One of these days in the near future, little Willie and baby Susie won't have to be lump-ridden with the mumps. Medical researchers have found some of the secrets of the mumps virus and are working on a vaccine to cure the disease by trapping the virus in its incubation stage.

This may be good news to grown-ups as well as children, judging from the number of adults in this area who have had the mumps this spring.

A recent issue of *Life* magazine told of a "sunburn" pill. This new roasting preventative won't be available for two or three years yet, but if you're one of those unfortunate persons who winds up the summer a little lobsterish, it will be worth waiting for.

The new capsule, now in its infancy stage of development, has been tried and proven on a group of volunteers. However, doctors feel that more research must be done before it is made available to sun sufferers.

Doctors now have new hope for people with chronic headaches (Backaches, also). Researchers have come up with a group of "tranquilizing" drugs. Of this group, equanol is the one with which we are most familiar. This new pill, sold by prescription only, quiets and relaxes the nerves without any of the after effects of the barbiturates.

There's A Difference?

Spring means baseball and baseball means hot-dogs. How do you like 'em?

A company that makes skins for the 'dogs reports the frankfurter's color may have a lot to do with how well it sells.

American taste in hot-dog skin coloring seems to vary from section to section. Larry Cullin, a director of sales development for Tee-Pac Corporation, reports southerners prefer red-hots, while easterners go for orange-colored franks. In the southwest, red or dark orange is most popular. Mid-westerners like light orange.

Dog-downers on the west coast seem to be less particular. Mr. Cullin reports they'll eat hot-dogs no matter what the color.



Marlene Marcell Meredith is the pretty name given to the new daughter of Mr. and Mrs. Buford Meredith. The little girl made her appearance on June 7, and weighed 6 lb. 6½ ozs. Mr. Meredith works in the X-ray Department of Load Line Two.

James and Nancy Vickers are the proud parents of a son, Anthony, born May 30. Their new arrival weighed 6 lbs. 4 ozs. Mr. Vickers works in Department, Load Line Two.

Mr. and Mrs. Robert Tafel are the proud parents of a son, Frederick Scott, born May 10. This is their first child. Mr. Tafel is a water works operator.

Congratulations to Mr. and Mrs. Paul Hughes on the recent birth of a daughter. Mr. Hughes is an employee in the Engineering Division.

It's a girl for Mr. and Mrs. John Hopkins. Their new addition was born on June 8 and her daddy is a shift inspector on Load Line Two.

John and Dorie Jones brought their total offspring to six (five girls, one boy) when little Mary Frances arrived on May 22. Mr. Jones works in Building 813.

Atoms To Fight Bugs!

The small but mighty atom goes to war this summer against a worthy adversary — the bug.

Radioactive materials are helping to show up insects' methods of frustrating ordinary bug killers. Tracers reveal how some bugs have adjusted so well to DDT they eat it like candy.

Because it costs about one and one-half million dollars to create a new insecticide, manufacturers are anxious to find out how pests set up defenses against the chemicals.

Meanwhile, they're challenging DDT-proof bugs with a new, deadly brew called DDVP.

Comments
From Other Papers

(EDITOR'S NOTE: The following was taken from Angelo Sicuro's column, *Along the Way*, in the May 21 edition of the *Ravenna Evening Record*.

"Gerald V. Stamm, a contributor from way back, noticed the lilacs blooming last week despite the havoc of the storm and dashed off some verse dedicated to this beautiful flower.

"A Ravenna Arsenal worker, Stamm is a literate fellow who had the ability to go far as a writer but, instead, chose a more prosaic line of endeavor to rear a large family. I well remember some of the prose he wrote during his days as a WPA writer and all of it was beautifully done.

"This is his poem, entitled *Beside The Lilac Bush*:

"No springtime flowers but I recall
The lilting lisps in the ev'ning hours
Of feathered folks and frogs —
And best of all,
The lovely lilac and its mystic powers.

Of one who shyly walked and talked with me
As hand in hand we strolled along the green,
Enchanted by the spritely melody
Of little folks a-basking in the sheen.

We paused beside the lilac bush awhile
To quaff the mellow fragrance of this fount
Agleam with pearly dew as, all a-smile

The moon looked down from li-orbital mount.
And I declare as I kissed her there
The sweetest song arose from those above
As petals showered through the moonlit air
To mold a crown of lilacs for my love.

Each springtime since I've sought to capture
The thrill of lilacs and heart-a-swirl—
But now I know there can be no such rapture
Unless the lilacs call the same old girl."

(We would like to add that Mr. Stamm has been a reporter for the NEWS for about eight years, and has been one of the most faithful members of our staff. —Ed.)

(Editor's Note: By this time, everyone has either heard or read the story of how an Akron auto thief escaped into the Arsenal and was later apprehended. This is a very serious matter to all concerned. There could have been great danger to the entire Arsenal by this ex-convict entering critical areas. However, there is usually also a humorous side to all serious happenings, and below is our version of w'happened.)

These Are The Facts

Dum da dum dum.

Nine p.m., June 11, Sgt. Joe Sorensen is about to step into the shower. Cpl. Friday Lynch, attired in pajamas, is reclining in an easy chair.

The 'phone rings.

Chief Bucky Walters reports the driver of a stolen car has abandoned the vehicle on McKibben Road near the eastern boundary of Ravenna Arsenal, and the thief is thought to have somehow entered the Arsenal proper.

A pickup truck is presumed to have been driven by the auto thief from the railroad classification yards at the eastern end of the Arsenal, to a point near the center of the plant where it is abandoned.

An Arsenal guard spots the truck a few minutes after the thief leaves it. Motor is still warm.

Ten-thirty and four 'phone calls later. Joe and Friday board a crash truck and volunteer to man the search lights. The hunt begins. Dum da dum dum.

Joe is now clad in a "T" shirt and lights trousers. Friday, still in his pajamas, has put on an additional shirt and his badge.

Twelve-thirty a.m., June 12. Joe remarks he's freezing to death. The hunt stops temporarily while Chief Bucky gets a zip-lined fireman's coat from his patrol car. Joe gets the coat. Friday takes the lining.

A little later Joe and Friday give up the chase and return to their homes. The state highway patrol and Arsenal security Department personnel fingerprint the truck for possible evidence of the thief's identity.

Arsenal guards remain on the alert for the fugitive, and the search is continued through the area by the state patrol.

One-fifteen p.m., June 12. The thief is caught, barefooted, in Area 9. The hunt is over.

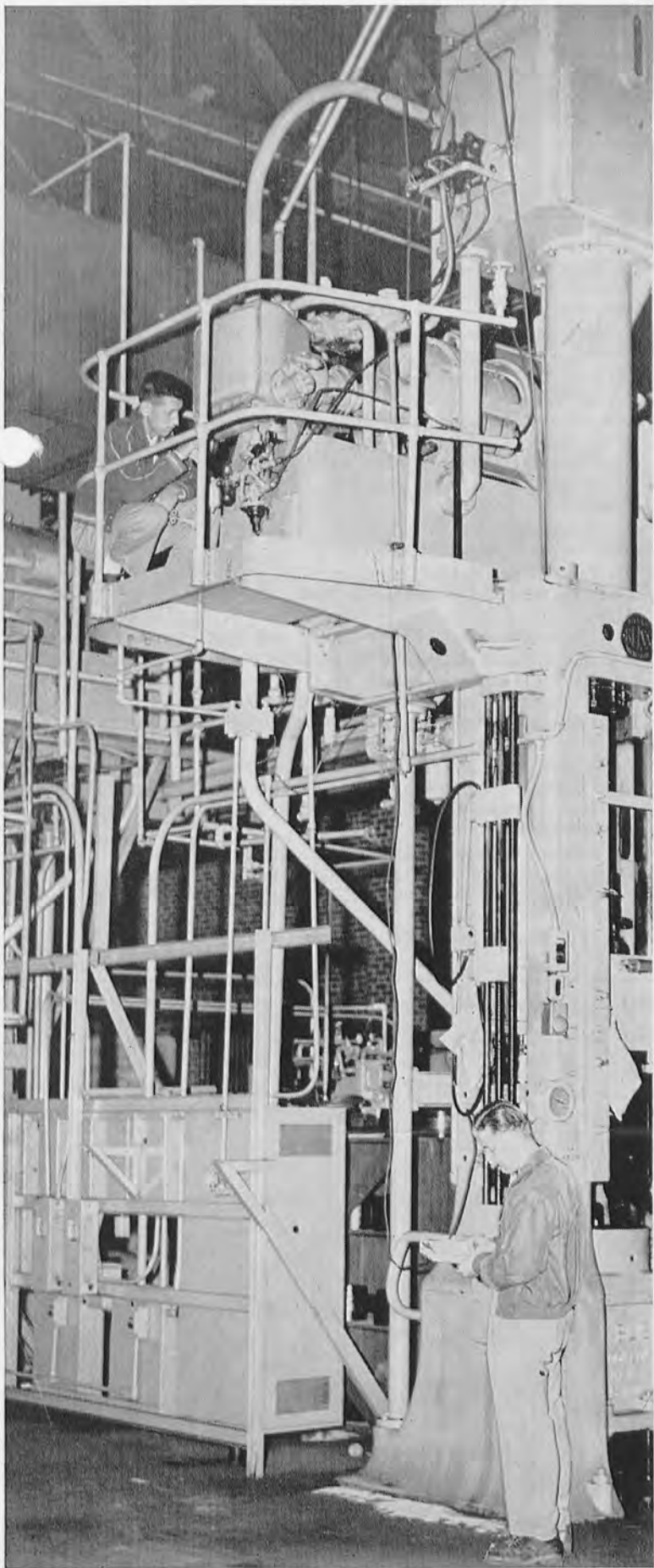
(P.S. These are the facts, 'mam.)



OLD-TIMERS — Almost 100 years of continuous service is represented by these employees of Department 12, Railroad Maintenance. The department is headed by G. E. (Gib) Griggy, who came to the Arsenal in April 1941. Mike Penich (second from right) was the first to work here coming in October 1940, then Frank Paul began in November of that year. Scott Smith and Elwood Moss came in December and Louis Perekovich began in January 1941. Looking on in the picture is L. J. Sears (second from left).

I'M NOT a backSEAT driver
I'm just SCARED Like MOMMY
WHY doesn't daddy LISTEN to us.
THE life he SAVES may be us.

PEOPLE RESPECT GOOD DRIVERS!



LEN JANKA and Carl Bauman (standing) complete inspection and follow-up maintenance records which are attached to each piece of equipment in layaway.

* * *

'X' Marks The Spot

The X's one may see on Arsenal manufacturing mats, equipment and buildings are not meant for kisses or markings for confectioners sugar.

These little crossed lines are of major importance to every Arsenalite because they indicate the degree of freedom from explosive contamination.

To assure maximum safety and minimum handling of equipment and material, the Ordnance Ammunition Command has issued instructions establishing a standard of marking to be used at all installations under OAC's jurisdiction.

PRIMARILY, the symbol "X" is based upon the method employed to clean or decontaminate equipment.

One "X" means the item is only partially cleaned or decontaminated and requires further processing.

Three X's indicates the item has been examined and approved after cleaning with water, steam or

approved solvents. However, these items must not be treated with open flame or high temperature devices and are not to be considered toxically safe.

And, XXXX shows the equipment or material has been thoroughly decontaminated, using open flame and heat, and is considered entirely safe and may be released from the plant for general use.

Here at the Arsenal, these symbols are in use on entrance doors of buildings where decontamination work is being done. Unless approved by the Safety Department, nothing can be removed from a triple-x-marked building.

Preservation Keynotes Caretaker Maintenance

When production has been completed on a manufacturing line, maintenance of the facilities does not stop. It continues on, as is required by Ordnance Ammunition Command instruction standards.

"Operation Mothball" consists of thorough cleaning and processing of all production facilities during the layaway of a production

line. Strict inspections must be made, along with periodic maintenance work, and these duties are

* * *



SLIGHTLY DIRTY---Millwright G. E. Robertson starts the disassembly of the Signode wire tying machine for cleaning and parts replacement prior to processing. Notice the grease.



AFTER---Grease, dirt and contamination gone, Mr. Robertson and Raymond Lee crate the machine after it is entirely clean and safe.

Talks About Cancer



SPEAKER---At the latest Safety Supervisory meetings Dr. A. L. Knight, Arsenal Medical Director, gave a talk on cancer. Dr. Knight, above, said there are several reliable signs of cancer including a sore that does not heal, a persistent lump and sudden changes in a wart or mole.

the responsibility of the Engineering Division.

* * *

WHEN DECONTAMINATION of equipment has been completed, Ernie Clabaugh, Administrative Assistant, and his crew of workers move in to process for storage. All buildings, utilities and machinery are inspected, processed as required to insure proper repair, and are "laid away" to form a part of the Ravenna Arsenal Mobilization Plan.

Equipment is disassembled, inspected, cleaned, repaired, parts replaced and preservatives applied for maximum protection during storage.

These facilities are then placed on a 90-day follow-up inspection and maintenance schedule, to insure that they will be in good condition, ready for activation in the shortest lapse of time upon receipt of future production schedules.



ENLISTS — Gary Lee Seiple recently enlisted in the U. S. Army Reserves and is presently taking his basic training at Fort Knox, Ky.

The handsome, 18-year-old lad, son of Mr. and Mrs. Willard Seiple, graduated from Braceville High School last month. His father is an Arsenal gage specialist.

this
space
dedicated
to
safety--
we've
written
all
there
is
to
write--
now
it's
your
turn
to
act



Shopsite from the July 7th Staff Meeting

Enjoying refreshments are Harry Williams, Jr., Harry Williams, Mr. Antonio and Mr. A. L. Knight.



Ernie Clabaugh, Bob Paulick and Ray Williams tally their scores.



Chef Jack Skinner served delicious hot dogs, Ed Hamburgers sizzled over charcoal.

Lexis H. M. Temple opening the day's events at Chestnut Hills.

Arsenal Girls Tour Firestone

Elizabeth Heritage, Safety Officer; Margaret Whittenberger, Specifications; and Tress O'Leary, General Manager's secretary, welcomed a recent opportunity to tour Plant 1 of The Firestone Tire & Rubber Company and the Firestone Research Building in Akron. The tour was arranged by Kent State University and included about 46 persons, most of them teachers. All were interested in learning how tires are made. A color movie was first shown and a factory tour followed. The girls thought it interesting to see, among the items on exhibition in the Research Lab, several shell casings which are loaded at Ravenna Arsenal.

Side Glances

(continued from page 3)

Audit man, is now at Aberdeen Proving Ground and resides at Welster Heights, Md.

Crawford Beck, back from Korea, has returned to the Arsenal as Assistant Chief, Surveillance Division... A letter recently received from Maj. W. L. Watts, now stationed in Korea, stated he would like for all his Arsenal friends to write and give him the local news. Anyone desiring his address should contact Colonel Scott's office.

Mr. and Mrs. F. F. Fludine are taking two weeks to rest on a Lake Erie Beach soaking up some sunshine. It will be great appreciated if someone will volunteer to take care of the lawn during his absence.

Ted Jasen and wife are traveling through the eastern states, while Ruth Beardsley chose Conneaut Lake Park for her vacation spot.

Vacationers in Canada were Les and June Burkey who report their fishing was very good... Kay Ball and husband are also trying their luck with rod and reel, however, no report on their catches at present... The same for Elmer Canfield... The Ray Bartons spent their vacation at home with his daughter, Linda. Ray caught a two-pound, 16-inch Bass practically in his back yard, so why go to Canada!... Rhea Oswald also spent a week at home just taking life easy.

Red Carpenter and Roland DeUnger are at Reserve School in Louisville, Ky. for two weeks... Visiting relatives in Buchannon, W. Va. for a week were Mable and Chuck Barholt.

Engineering Division

A steak dinner at Carlo's was enjoyed by all who attended in honor of A. T. (Tommy) Wilson and Dominic Giovinnazzo, who recently left the Arsenal.

Ernie Clabaugh escaped serious injury when his car was hit from behind by a truck in Lodi, July 8. Both he and Mrs. Clabaugh were badly shaken up and received cuts and bruises.

Our sincerest sympathies are extended to Cecil and Paul Hughes on the death of their mother, and to William Viall on the death of his mother... Cal Chesser and family went to Athens to attend the funeral of his uncle, John Thomas, who passed away on July 4... John Melher attended the funeral of his brother in Chicago.

When Mr. and Mrs. Warren Peak celebrated their 34th wedding anniversary, they were guests of their daughter, Pat, of Rocky River, and all attended the play "The King and I" at the Musicarnival.

Get well wishes are extended to Garold Sole after a recent hospital confinement, and to Maybelle Lovell who is convalescing after a severe bout with strep throat.

Clayton McGee and family have returned from a vacation at Rehoboth Beach, Del... The Ralph Binkleys spent their vacation fishing and, of course, Mrs. Binkley caught the biggest fish. Bink reported the fishing was very good in Canada, so Dave James is going to take his word for it and try some in the Thousand Islands. Dave's wife and daughters will try their luck, too.

Vacationers Vernon Trammel, William Byrnes and Mike Kerro didn't say where they were going, but we wish them a fine vacation, nevertheless... Johnny Bratnick is working on his home in Diamond every spare moment he can get, and Dick Benton reports good fishing at Middle Bass Island... Jean and Dean Miller spent a week at Virginia Beach, and Carl Bauman is back to work after visiting in Seaton, Md. and Washington, D.C.

Business visitors in Joliet, Ill. were Jack Hopwood and J. C. Duer.



RETIREES — Henry Mailach, General Stores, retired from active work on May 1. Born in Hungary in 1891, Mr. Mailach entered the United States in 1911 and homesteaded near Newton Falls.

He came to work at the Arsenal in 1944 for the Atlas Powder Company, going over to government operations in 1946. In February 1952 he transferred to RAI General Stores and has continued to work as an inert operator since then.

Mr. Mailach is married to the former Agnes Webb and the couple has two sons and two daughters. A good rest will be included in his retirement activities and Mr. Mailach also plans to do a little farming and perhaps some traveling.

TO BEAT THE HEAT

To beat the heat this summer, try an aluminum suit.

This new number may be shinier than the seat of a five-year-old blue serge, but it's a lot cooler, too. You can take Engineer Donald Bennett's word for that.

The adventurous ceramics man climbed into a lighted oven (1,700 degrees Fahrenheit) wearing the new rig and reported that he was — catch this — comfortable.

Being alert beats depending on luck.

Conceit is a form of "I" strain.

Don't take a chance of your life.

Make YOUR safety YOUR business.

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RAVENNA ARSENAL NEWS

The loafer's only goal in life is to make weekends meet.

Vol. 10, No. 1

RAVENNA ARSENAL, INC., APCO, OHIO

July 1956

Plant Paper Celebrates Tenth Anniversary Of Publication

The lines were too close together to easily read, the headlines were lettered crooked, and it probably violated most rules of good journalism. But it was a beginning, and it was a newspaper.

Such was the first issue of the Ravenna Arsenal NEWS which appeared on May 3, 1946.

(Although the first issue of the News was printed in May 1946, the paper actually celebrates its anniversary in August due to a lapse of time explained further in this story.)

This first attempt at an Arsenal newspaper contained six pages of news, ranging all the way from personal items and Civil Service news to an article called "Grow Your Own Groceries" and an item for opera goers. The stories were varied and interesting and, in spite of its faulty make-up, this first paper turned out to be a pretty good one.

AT THAT TIME funds were not available for a real printed paper, so the first News was an 8x10 mimeographed sheet.

Such employees as Laurene Powell, Chuck Shimmel, Jack Streeter, Dave James, Pete Richards, Edith Cook, Harold Kline, Ralph Binkley, Larry Geer, "Jit" Harris, Arlie Sittler, Scotty Raeburn and the late Carl Schell (then the editor), nursed the News through its toddling stage.

Three years later, in July 1949, after the paper had become full-grown and matured, it was announced that "no funds appropriated by Congress will be used to defray the cost of publishing in-stallation or unit periodicals."

However, in August that year, the Civilian Welfare Council came

to the rescue and took over the financial responsibilities and once again the Arsenal paper went to press.

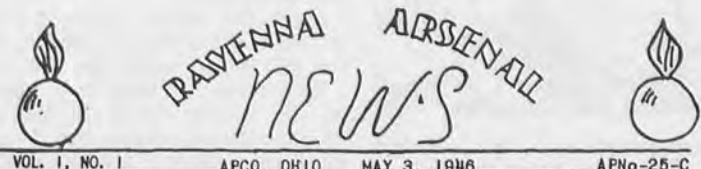
In July 1950, our paper underwent a big change and was published biweekly by the Dickey Publishing Company of Garrettsville. It graduated from an 8x10 to a 10x12 inch size and contained from 12 to 16 pages of news each issue.

EARLY IN 1951 when Ravenna Arsenal, Inc. began taking over Arsenal operations, more changes were made in the paper. It expanded to 25 pages and included a section for contractor news. That was the beginning of the News as it is today.

With the April 1, 1952 edition of the paper we had the honor of joining the ranks of the Firestone Company's industrial publications. The size of the paper doubled, the style was new and there were many adjustments to make.

Tying all the people in this 20-square-mile area together with a couple of pieces of paper is a large order, but that has been and will continue to be our goal for this newspaper.

Every Arsenal employee and his or her family are actually the ones who write this paper. It's their news, feelings and view points that go into our typewriter and materialize in print.



VOL. 1, NO. 1 APCO, OHIO MAY 3, 1946

OUR JOB

Throughout world war II the Ravenna Arsenal played a vital role in the production of munitions. The guns, planes, tanks, etc., would have been of little value if the exact type of shell or bomb was not available to develop and maintain their "firepower".

The employees of this Arsenal during the war assisted in the efficient production of a quantity of material that far surpassed the wildest dreams of ordnance engineers in 1918. The theoretical cities of operating lines and construction were made many times over when the line went into production.

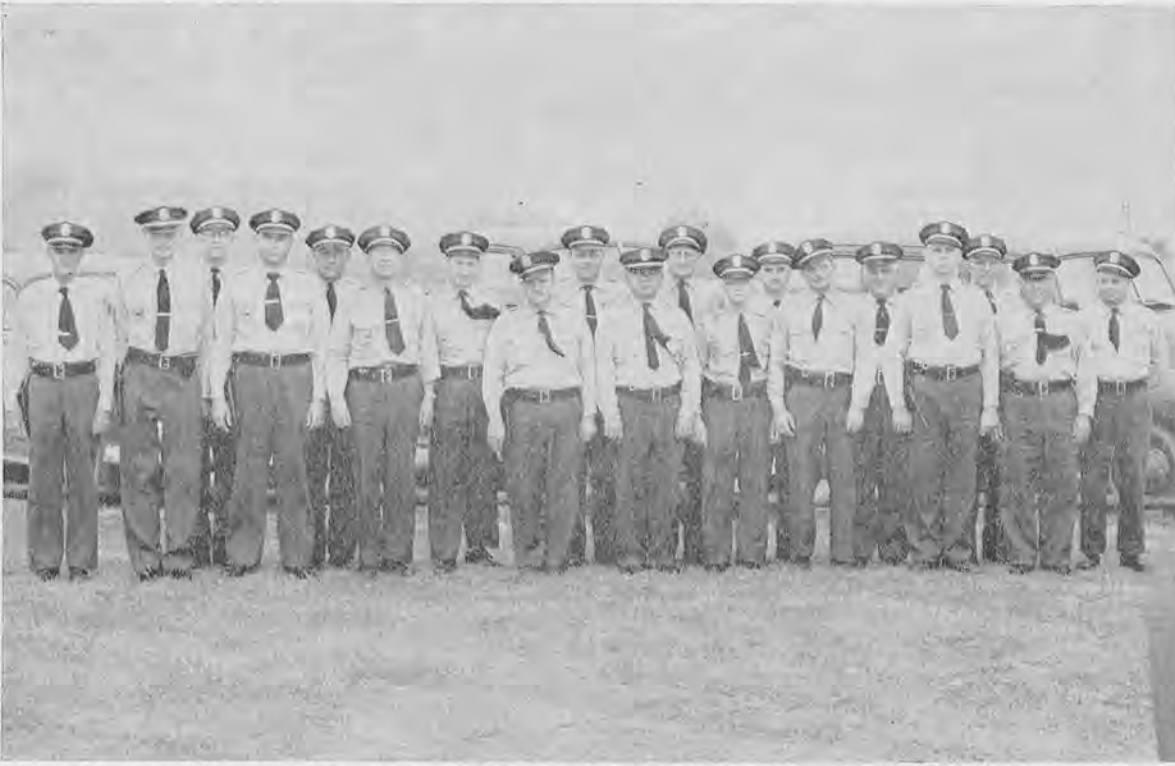
The immediate problem with which the Arsenal was faced today is the demilitarization of ordnance. The reduction of ordnance to its original state is a task which is still attainable. This includes processing of the shell and its component parts as well as the storage of reconditioned items, when a piece of ordnance is no longer of any military value through conditions of deterioration or handling, the metals of which it was made have retained a very definite value. To salvage this vital metal for industrial use today is of utmost importance, not only will the supply of steel thus obtained be welcomed by industry but a portion of the tremendous war cost will be eliminated.

The war is not officially over in terms of suffering and loss to humankind, but in terms of peace, in terms of freedom, in terms of justice, for a long time, the employees here have been performing a task which will help erase a portion of that debt.

The adventurous ceramics man climbed into a lighted oven (1,700 degrees Fahrenheit) wearing the new rig and reported that he was — catch this — comfortable.

ammunition which can be returned to a serviceable condition by replacing one or more of its components will be eliminated.

FIRST ISSUE -- The Ravenna Arsenal NEWS celebrates its 10th anniversary of publication in August. Above, is the first issue ever printed.



RECEIVE GOC AWARDS -- Arsenal Guard Force personnel who recently received medals of appreciation for 2,400 hours of volunteer Ground Observer Corps work are (left to right) Sgt. George Donnelly, Patrolmen Carl Lohse, George Thompson, R. P. Hicks, Ray Byers, Frank Sears, O. K. Hicks, Carl Martin, R. M. Cox, Radio Operator George Murphy, and Patrolmen J. C. Martin, Timothy Morgan, R. J. Smith, George Waller, John Laney, F. E. Wolfe, C. L. Snowden, J. E. Hawk and Louis J. Blake.

Guards Receive Ground Observer Awards

On May 29 Major Medley of the Canton Filter Center presented medals to 19 Arsenal guards in recognition for 2,400 hours of volunteer work each has done in the Ground Observer Corps.

The awards recognized those guards who have completed 2,400 hours of volunteer service in the Skywatch Program which operates 24 hours a day at the Arsenal.

The medals were awarded in grateful appreciation of the fine spirit of patriotism these guards have demonstrated through their willingness to serve in the Ground Observer Corps.

TWO YEARS AGO, the Department of Defense asked all government-owned installations to cooperate in the GOC program to augment our country's defense network and guard against sneak attacks by low - flying aircraft.

The U. S. Air Force radar network scans the sky 24 hours a day, backed by fighter - interceptors on a combat alert. However, between radar posts, there are low - altitude loopholes where enemy planes can get through. The eyes and ears of the Ground Observer Corps workers are the only detection system to mend these loopholes.

In addition to guarding against enemy attack, the Ground Observers are also on the look-out for our own planes showing any signs of flight trouble.

GOC OBSERVATION posts within the Arsenal are the Guard posts at the George Road and Windham Gates and West Sector (Depot)

completed 500 or more hours of skywatch in addition to their regular security work. There is no financial remuneration for these added GOC duties — only the reward that one can take pride in knowing that he is an important part of our Air Defense Forces, and that he is contributing significantly to the safety of his country — the greatest country in the world.

Dr. J. L. Miller Named New Defense Director For Company

Dr. John L. Miller has been named Director of Defense Activities for The Firestone Tire & Rubber Company, Lee R. Jackson, President, has announced.

Firestone's defense activities are extensive and widely diversified. They include research and development projects, the operation of arsenals and shell - loading plants and the manufacture of numerous items from tires and tubes for military vehicles and aircraft to tank tracks, fuel cells, artillery shells, guns and guided missiles.

Dr. Miller headed the Defense Research Division of Firestone from its organization in 1950. As Director of Defense Activities he succeeds William D. Gohr, whose appointment as Manufacturers Sales Manager for Firestone was announced recently.

Dr. Miller, a native of New Castle, Pa., holds a Bachelor of Science degree in Chemistry from DePaul University and Master of Science and Doctor of Science degrees in Metallurgy from Harvard University. He has studied at Carnegie Institute of Technology as well.

Dr. Miller joined Firestone in 1941 as Chief Metallurgist. In 1946 he was named Assistant Production



DR. JOHN L. MILLER

Manager of Firestone Steel Products Company. He became Manager of the Defense Research Division in 1950 and directed Firestone development work on the 106mm BAT weapon.

Dr. Miller has written for academic journals and has received several awards for scientific achievements. He and Mrs. Miller are parents of a son, John Lawrence Miller, who was graduated this month from Harvard University and commissioned a second Lieutenant in the Air Force.

An Arithmetic Lesson

I can ADD to your troubles.

I can SUBTRACT from your earnings.

I can MULTIPLY your aches and pains.

I can take INTEREST from your work.

I can DISCOUNT your chances for safety.

I am CARELESSNESS!

Opportunity Whispers

The monthly letter of the Royal Bank of Canada puts things exceptionally well. May we quote a few paragraphs from a discourse entitled "The Fruits of Enterprise?"

"... Enterprise is a positive, dynamic faith in the possibility of improving things, and in one's ability to do the job ...

"... Opportunities do not exist in any particular industry or profession, but within men themselves. It is the men who determine the number of opportunities they will grasp. Some will waste their time waiting for a big opportunity while others are taking advantage of the little ones and are thereby preparing themselves for the great chance ...

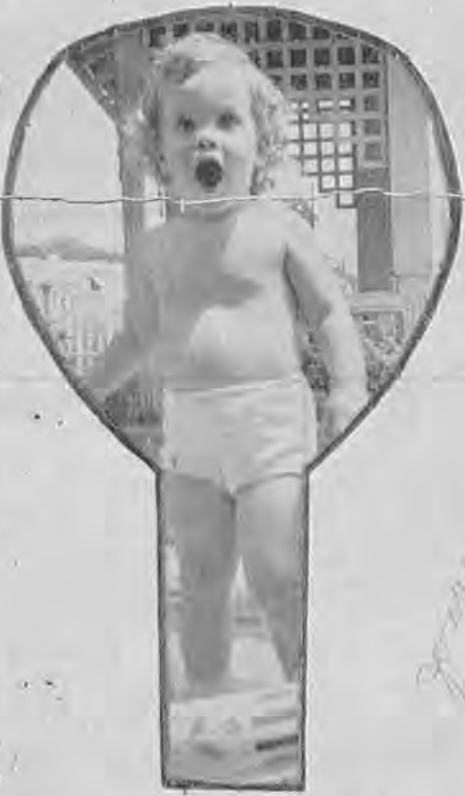
"... Some people have not learned the lesson, so well demonstrated throughout the history of business, that opportunity doesn't bruise its knuckles knocking at a man's door; it doesn't shout, but whispers. Sometimes it has to be sought ...

"... Hesitation is fatal to enterprise. It unnerves a man and dissolves his determination ...

"... Courage is the essence of enterprise. Anything that moves around increases its risks and runs into danger; only the inert escape and they accomplish nothing. The timid find everything impossible; they never discover opportunity; they obey circumstances instead of creating and commanding them ...

"... The man of enterprise will banish the idea of luck from his mind. He will accept every opportunity, however small to make progress toward his objective ..."

—Cleveland Plain Dealer



CAUGHT IN THE ACT -- Pretty little Jan Riccardi registers extreme surprise as the camera caught her cooling off on a warm afternoon. Jan is the daughter of Mr. and Mrs. Russell Riccardi of Newton Falls, and the niece of Katie Riccardi of Stock Control.

Ravenna Arsenal NEWS

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General Stores — Edith Kouba, John Kalwarczyk.
Guard Force — Louis J. Blake.
Headquarters Depot Offices— Ruth

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Janitors — Ray Burkholder.
Load Line Three — May Anderson.
Load Line Two — Betty Lazeration.
Medical — Mary Ann Delay.
Nationwide Food Service — Eva Snyder.
Ordinance Staff — Lillian Youell.
Production Planning — Dorothy Waltz.
Transportation Division — Jennette Bell, K. O. Flesher, Margaret Kaibas.
67th AAA Group — Fred Leunberger.

In Memoriam

SANTO GARRO

Santo Garro, 67, of 634 South Meridian Street, Ravenna, passed away June 27 at his home following a long illness.

A native of Italy, Mr. Garro had lived in Ravenna 41 years. He was a member of the Immaculate Conception Church, Christopher Columbus Society and Viestiano Club.

Until he became ill in February this year, he had worked for several years as an inert operator in the Depot Area.

He is survived by his wife, Mary, two sons, five daughters, a sister and two brothers.

JAMES R. LUNCEFORD

James Riley Lunceford, father of the late nationally-known dance band leader, Jimmie Lunceford, died June 19 at his home, 1124 Oak SW, Warren. He was 87.

The son, who died in July 1947, gained international reputation with his popular recording dance band. The late band leader also was a top solo trumpettist and was affiliated with Lionel Hampton and his band for a number of years before forming his own musical group.

Jimmie's brother, Junior Lunceford is well-known as an amateur song writer and has had several of his works published. He is an Arsenal Depot employee.

The father was born April 14, 1869 at Abney, Miss. In addition to his son, Junior, he is survived by his wife, Ida.

MRS. FRANK V. MURPHY

News has been received of the death of Mr. Frank V. Murphy on July 8, at Richmond, Ky. Mrs. Murphy was the wife of Frank Murphy who was Arsenal Surveillance Chief from 1945 to 1948.

Services were held for Mrs. Murphy on July 10 with burial in Portsmouth, Va. on July 11. Mr. Murphy's many friends at Ravenna were saddened by the news and extend their deepest sympathy in his loss.

Mr. Murphy is now stationed at the Blue Grass Ordnance Depot where he is Chief of Surveillance and Acting Area Ammunition Inspector of Area 2.

Veterans Return To Arsenal

Two Arsenalites who recently returned to RAI after service in the Armed Forces are Carl Bungard and Donald Nutter.



celebrated their first wedding anniversary in May this year. Carl's favorite pastimes are fishing and bowling.

Don Nutter returned to the Arsenal in June after four years of duty in the Navy. He took his boot training in Bainbridge, Md., attended A & P School in Jacksonville, Fla., and went to Aviation Structural Mechanics School in Alameda, Cal. before going overseas to Midway Kaibas.

67th AAA Group — Fred Leunberger.



KEEP A "CLASS B" fire extinguisher or a box of baking soda within easy reaching distance of the kitchen range in order to effectively fight fires from burning fat in a frying pan or broiler.

Baking Soda For Fire Fighting

Every year thousands of Americans are left homeless and destitute because they are unfamiliar with the simplest rules of fire prevention and simplest techniques of fire fighting.

The National Fire Protection Association soundly recommends if a fire starts you first call the fire department and get everyone out of the house. (It's astonishing how many people panic in a fire and forget to do this.)

They also recommend that every home be equipped with an approved type fire extinguisher, some of which cost as little as a few dollars.

IT IS A WISE CITIZEN

who also keeps a supply of baking soda on hand in case of fire. Baking soda not only stands on its own as a fire fighter, but is an ingredient in two of the most popular types of commercial fire extinguishers.

However, even if your home is well stocked with soda, you should know how and when to use it and learn to recognize the types of

fire against which it is most effective.

A "Class A" fire, which is a conflagration of paper, wood, clothes, excelsior, etc., needs water to reduce the heat. A "Class B" fire involves burning liquids such as oils, varnishes and paints, and requires the smothering method of extinguishing.

A third type of fire is the "Class C" fire in live electrical equipment, and requires an electrically non - conductive extinguishing agent. If possible the electric current should be turned off to prevent re-ignition.

THE BAKING SODA remedy applies only to "Class B" fire. And remember, don't try fighting the fire yourself until you have first called the fire department and gotten everyone out of the house.

Fires caused by grease splattering in broilers or from overheated frying pans are effectively fought with baking soda. This type of fire is often given water treatment which is ineffective and may be disastrous.

Since the boiling point of water is lower than that of grease, water will only spread the fire.

In contrast, baking soda poured on the flames smothers the fire by shutting off outside air. A word of warning. Don't try substituting salt or flour to smother the flames.

MANY PEOPLE, despite constant reminders, keep flammable liquids and cleaning compounds containing flammable solvents in improper containers in the broom closet or elsewhere around the house. It is the vapor from the evaporation of a flammable liquid which burns rather than the liquid itself, and since many of the vapors are heavier than air they may spread a considerable distance or accumulate in dangerous quantities in low spots.

By rights, all such cleaning equipment should be kept in specially designed safety cans with self-closing lids. Should a fire break out in your house from a small spill of flammable liquids, after calling the fire department you may be able to smother the flames with quantities of baking soda.

Take daily precautions against fire to preserve life and property, and when and if a fire strikes, be ready for it with knowledge of the proper fire fighting techniques.

Money can't buy everything, but it puts you in a wonderful bargaining position.

Side Glances

Depot Area

June vacationers included Barney Rothermel, Peter Arico, and John Sprouse and his wife who toured New England the latter part of the month.

Ben Bradley and wife enjoyed two weeks fishing and viewing scenes in Michigan... Visiting relatives in West Virginia while vacationing was Earl Stonestreet.

Willie McGuire of U-5 and wife, Helen (a former employee), had a pleasant trip through South Carolina and Georgia on their vacation.

Sincere sympathy wishes to Glen Taylor on the death of his aunt, Mrs. Addie Hutchinson of Hiram, and to Chet Liddle whose brother, Robert passed away June 15, also to Elmer Barton whose father was claimed by a heart attack on June 23.

Headquarters Depot Offices

Speedy recovery wishes are sent to Red Siegfert's wife, Margaret who is hospitalized for a major operation... Grace Sells baked a cake to celebrate Nancy Collage's birthday anniversary on June 27.

General Stores

We're happy to hear Mrs. Carl Vinciguerra is recuperating nicely after an operation, and we send get well wishes... W. D. Goff and family motored to Washington, D.C. for their vacation trip, and report that it rained the entire time they were there... R. O. Moneypenny and family enjoyed the Fourth of July boating on Lake Erie with his brother and family.

Industrial Relations

Our sincere sympathy to C. R. Alderson, Services, on the recent death of his step-father... It's either grow a beard or wind up in the stockade for male Kent residents celebrating the city's sesqui-centennial. Therefore, Bob Hart, Industrial Relations, has sprouted, pardon the expression, an unusual-looking growth on his chin!

A belated welcome back to Tessie Sabatini, Employment, who returned to the Arsenal after a year in Panama where her husband, Tony (Control Lab), was stationed in the Army... Vacationing recently from Time Study was Leo DiNuoscio... A big welcome to Mary Ann Jacoby, the new stenographer in Time Study.

Transportation Division

Charlene Horn, Traffic, and husband enjoyed fishing, swimming, and sightseeing during their recent trip through Florida. A high point of their trip was a visit with Jean LeMasters former Traffic employee now living in Naples, Fla.

The Fred Cooper family had a pleasant weekend in Pittsburgh where Fred was an usher in a wedding party.

Margaret Purdy, Main Garage, is back to work after a few days in the hospital for observation... We're glad to hear Johnny Stacy's wife is at home and doing very well after an appendectomy.

Fred Reichelderfer spent his week's vacation getting caught up in his work around the house, while George Thompson enjoyed fishing in the wilds of Quebec.

Wilma Bowers and family motored to Bainbridge, Md., to visit their son and brother, Lefty, who is taking his advanced Navy basic training there. They were happy to find Navy life agreeing very well with him.

It was reported that Shorty Hall is still looking for the boat motor he lost in Brady Lake. Any volunteers to help him with this task would be appreciated we know. That's a lot of lake to look over!

Irene Halker came back from her vacation sporting a lovely sun tan, and from that we gather she must have spent most of her time relaxing in the sunshine.

C. J. Burns, Railroad Yards, welcomed a visit from his son, Bill, and family who live in California... Bernie Ashcraft's son, Glenn is spending the summer in Florida with his grandparents before returning home to enter college.

George Myers reports his wife is feeling better following illness... Our deepest sympathy to Mrs. Charles Soules whose sister passed away in Sharon, Pa... Visiting T. J. Mellesky recently was his brother, Fred, from Lexington, Ky.

Congratulations to Homer Zimmerman, car repairman, who recently completed his 15th year at the Arsenal... Vacationing in Eastern Canada was Alex Ricci... The John C. Shanks family are planning another extended tour for their vacation this year. Last year they drove several thousand miles through the western part of the country, and this year they will see how the southern people live.

Get well wishes are sent to Mrs. R. M. Graham who is in a Warren hospital recovering from injuries received in an auto accident... Still on sick list is Hal P. Johnston. Latest news is that he is feeling better. We hope he will be back to work soon.

Load Line Three

Howard Small, Department 82, enjoyed a visit in Cleveland and one of the Indian-Yankee baseball games during his vacation.

John Mathes used part of his vacation to build a new home in Windham... James Lumadue, Department 86, and Stephen Kolarsky, Department 81, are both confined to their homes due to illness. We hope they have a quick recovery.

Richard Moneypenny, son of Mr. and Mrs. Leo Moneypenny, has just returned home after a month's visit with relatives on their ranch in Collinsville, Okla.

James Novak spent his vacation farming while Charles Mason enjoyed just relaxing at home... George Mohn and family have returned from Atlantic City and other points in the east where they had a very relaxing and interesting vacation.

Ordnance Staff

Mr. and Mrs. E. C. Weyrich visited her son, Major Huston, and family at Aberdeen Depot recently. While there they also stopped to see Mr. and Mrs. Harold Brandt. Mr. Brandt, former Arsenal Army

(continued on Page 4)

Jellied Chicken Is Good For Warm Days



TEMPTING NEW DISH — Two-tone jellied chicken dinner will enhance the beauty of your table and make a tempting new dish from an old standby, chicken. It's especially good for warm days when appetites need perking up.

Live Thru Summer And Like It!

Flies and mosquitoes form the "number one" source of summer-time aggravation in suburban and rural areas. We offer the following suggestions to combat these insects, hoping they will help you have a more pleasant summer.

How To Fight Insects

1. Use space-sprays or aerosol bombs in the house.
2. Use the new super-repellent chemicals, such as "6-12," on skin and clothing.
3. Use residual sprays that will stick on screens, porches, and garbage cans.
4. Play safe with 12-mesh-to-the-inch screens on doors and windows to keep out all insects.
5. Hang screen doors to open outward, and equip each with an air-liner doorcloser and a push-pull catch to insure quiet, certain closings.
6. Keep water from accumulating in tin cans, eavestroughs and street gutters.
7. Empty bird baths or chicken watering pans at least once a week.
8. Screen open cisterns, cover cesspools, septic tanks and rain barrels.
9. Treat standing water in pools and ponds with larvicides.
10. Stock ornamental pools with gold fish or top swimming minnows.
11. Use fly traps, fly papers, fly poisons, fly electrocution devices and fly swatters in the house.
12. Spread manure thinly on fields and lawns to prevent flies breeding. Store manure in fly-tight boxes or pits, and treat it with borax, calcium cyanide or super-phosphate.

You can make your summer months more pleasant by excluding insect pests and by eliminating the jarring slam of your screen doors.

Detailed information on specific chemicals to use in the battle against flies and mosquitoes may be obtained by writing the Bureau of Entomology and Plant Quarantine, Department of Agriculture, Washington, D. C.



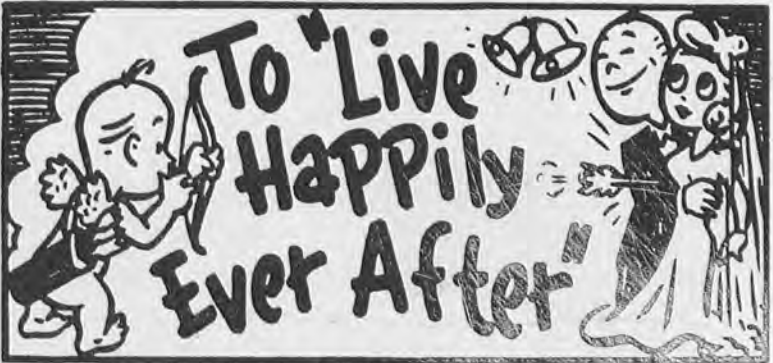
Everybody likes chicken, but we sometimes get tired of it fixed the same ways: roasted, fried or creamed. For a deliciously different chicken dish, try a jellied chicken dinner. It's wonderful for perking up droopy hot weather appetites.

TWO-TONED JELLIED CHICKEN DINNER

Chicken Salad Layer:
1 envelope unflavored gelatin
¾ cup chicken broth
¼ teaspoon salt
1 tablespoon lemon juice
¾ cup mayonnaise
2 cups diced cooked chicken
¼ cup finely diced green pepper
¼ cup diced celery
Sprinkle gelatin on chicken broth in top of double boiler to soften. Place over boiling water and stir until dissolved. Cool. Add salt, lemon juice and mayonnaise; blend with rotary beater. Stir in chicken, green pepper and celery. Turn into six cup mold; chill until almost firm.

Vegetable Aspic Layer:
1 envelope unflavored gelatin
1 ¾ cups canned mixed vegetable juice.
Sprinkle gelatin on ¼ cup of the vegetable juice to soften. Place over boiling water and stir until dissolved. Add remaining 1 ¼ cups vegetable juice. Chill until consistency of unbeaten egg white. Spoon on top of almost firm first layer; chill until firm.

Unmold, and garnish with salad greens, cucumber slices and radish roses.



VANCURA - COOPER

On June 9 in the Garretttsville Methodist Church, Miss Gladys Margaret Cooper, daughter of Mr. and Mrs. James F. Cooper, Garretttsville, became the bride of Alfred B. Vancura, son of Mr. and Mrs. Alfred F. Vancura of Nelson.

The couple repeated their vows at 7:30 p.m. at the altar decorated with vases of white flowers, greens and two seven - branched candelabra with lighted tapers. Rev. James Gardner performed the ceremony.

Given in marriage by her father, the bride was wearing a gown of white nylon tulle and embroidered lace over white taffeta. The dress had a floor length skirt. The tight-fitting bodice, with three-quarter length sleeves, was styled with a mandarin collar. Her finger-tip veil of silk illusion held in place with a crown of pearls. She carried roses and carnations in a cascade bouquet.

Mr. Ruben asked his brother, Edward, an employee of Scrap and Salvage, to be his best man. Arsenalites attending the wedding were Mr. and Mrs. Dwight Ringle and Mr. and Mrs. Merrill Parker.

The new Mrs. Ruben is a graduate of Wharton High School and is employed in the Samuel Feltman laboratory of Picatinny Arsenal at Dover. Mr. Ruben graduated from Ravenna High School and Norwich University. He served five years as an officer in the regular Army. He is a member of the American Society of Mechanical Engineers, the American Society of Military Engineers, the Army Ordnance Association and the American Legion. He is also employed at Picatinny Arsenal.

MRS. ALFRED B. VANCURA

dified pillbox of lace and tulle trimmed with pearls and sequins. She carried an orchid surrounded with stephanotis.

After a week's wedding trip to an undisclosed destination, the couple are now at home in their new apartment on Center Street.

Both Mr. and Mrs. Vancura were graduated from James A. Garfield High School. A Navy veteran of four years, the bridegroom is employed at a local rubber company. Mrs. Vancura works in the Arsenal steno pool.

RUBEN - MESEROL

After a wedding trip through the south, following their May 19 wedding, Mr. and Mrs. Carroll Ruben, Jr. are now at home to friends in Ironia, N. J.

The wedding took place in St. Mary's Church of Wharton, N. J., when Miss Mary Jane Meserol, daughter of Mr. and Mrs. Peter M. Meserol of Wharton, became the bride of Mr. Ruben, Jr., son of Mr. and Mrs. Carroll Ruben of Ravenna. The groom's father is Chief of Ordnance Operations Division.

Given in marriage by her father, the bride was lovely in her gown of silk taffeta designed with a long torso bodice fashioned with a turned-out Sabrina neckline. Her full, triple tier skirt extended into a chapel train. She wore a finger-tip veil of silk illusion held in place with a crown of pearls. She carried roses and carnations in a cascade bouquet.

Mr. Ruben asked his brother, Edward, an employee of Scrap and Salvage, to be his best man. Arsenalites attending the wedding were Mr. and Mrs. Dwight Ringle and Mr. and Mrs. Merrill Parker.

The new Mrs. Ruben is a graduate of Wharton High School and is employed in the Samuel Feltman laboratory of Picatinny Arsenal at Dover. Mr. Ruben graduated from Ravenna High School and Norwich University. He served five years as an officer in the regular Army. He is a member of the American Society of Mechanical Engineers, the American Society of Military Engineers, the Army Ordnance Association and the American Legion. He is also employed at Picatinny Arsenal.

MEZINGO - CRESSER

Mr. and Mrs. Clavin Cresser of Newton Falls, are announcing the marriage of their daughter, Marta D'ann, to Charles Mezingo, also of Newton Falls.

The young couple were married at 10 a.m. on July 7 in the Edinburg United Church.

Mr. Mezingo is an agent for Mutual of Omaha and the bride is employed at Packard Electric. The bride's father is foreman of the George Road Pipe Shop.

Side Glances

(Continued from page 7)

Mrs. Marsh, the fisherman of the family, came home with an ice box full of Pickeral.

Tommy Grant and family vacationed at "Honeymoon Falls" and parts of Canada . . . O. D. Garner vacationed in the hills of West Virginia and came back to work with a beautiful tan.

The J. Petersons enjoyed the sandy beaches of Geneva-on-the-Lake . . . while the H. Browns spent their leisure time in Canada.

Pershing Edwards was on vacation when the bloodmobile visited us this month, thus breaking his record of being a donor every time the bloodmobile has visited here. He is visiting relatives in Connecticut.

Good luck wishes to Tommy Reitz who has to move to Arizona for his health . . . Jim Heffner's wife is home from the hospital after a major operation and we're glad to know she is getting along fine.

Jennette Bell and family journeyed to Cascade Park, New Castle, Pa., to attend the Hammond family reunion on August 5 . . . Margaret Purdy also attended a family reunion in Struthers the same date.

Load Line Three

John Carroll enjoyed a recent vacation visiting with relatives in southern Ohio, David Bartlett spent his time fishing at Bass Island.

Charles Morris was another fisherman while vacationing and he also painted his house in Cuyahoga Falls . . . C. W. (Benny) Steigerwalt just relaxed at home, and the Don Patton family motored to Florida to visit Palm Beach and Miami.

A speedy recovery is wished for Wilbert Oliver who is recuperating from an operation . . . The Orville Proctor family journeyed to Thornberry, Ontario for fishing and sight-seeing while the James M. McCants motored to Idlewild, Mich. to try their luck with rods and reels.

Two employees who spent part of their vacations on home improvements were Mell Abeid who painted his house, and William Davis who enlarged the front porch of his home.

Ordnance Staff

Paul Daly is attending a course on Quality Evaluation at Savanna Ordnance Depot . . . Area Ammunition Inspector, H. K. Warren, from Letter Kenny Ordnance, visited the Arsenal recently to inspect Field Service Ammunition activities . . . Inspectors Elton Hoffman and James Stevens transferred to Cleveland Ordnance District August 12.

Vacationers during the month of August include Colonel and Mrs. T. M. Scott, Jr., who enjoyed a week at Buckhorn Lake, Canada; Glen Henning and family at Conneaut Lake Park; Maida Ricker who toured Ohio, and Charlotte Monroe who rested at home.

Edith Cook spent her vacation at home entertaining her sister from Texas, while Ruth Beardsley toured the New England states . . . Rovenna Money and her sister-in-law enjoyed a trip to San Diego where they visited a brother-in-law.

Mr. and Mrs. C. R. Branfield and daughter, Mary Kay, vacationed for a week at Lake Erie and the latter part of this month they will spend a week at Laverlochere, Quebec. On their way home they will attend the Canadian National Exhibition at Toronto.

For those parents who are looking for an ideal summer camp for girls, Roland DeUnger suggests the Red Raiders Girls Resident Camp. His daughter, Cheryl, spent a month there and, among things, learned to swim, dive and ride horseback like a veteran.

Engineering Division

Sporting nice cases of poison ivy last month were Laurene Powell and Jean Sechler . . . Pity the fellow who asks Harry Williams for his opinion of Bermuda shorts. Seems one Sunday Harry was wearing his and before he realized it he wound up with a nasty sunburn.

Ed Lietzow's wife was released from the hospital after a short stay for observation, just in time to vacation with Ed and their son at Miskeg Lake in Canada.

Fishing at Lake-in-the-Woods, Canada, 1,400 miles north of Chicago, were Roy Long and George Lunus . . . For his 15th straight year of vacation in the north-west, Paul Walker again chose Manitou Lake, 15 miles across the Georgian Bay.

Verne Vandenhooft spent his vacation at Geneva-on-the-Lake, while Scotty Raeburn visited his son in Saginaw, Mich. . . . Harry Williams went to Zanesville to visit a former employee, Hank Weigelt, and then traveled to Cumberland, Md.

Paul Braucher and Warren Lewis spent their vacations gardening and being busy around their homes, while Jeanette and Jim Moore visited relatives in Van Wert and continued on to the Mammoth Caves in Kentucky.

Rile Hunsicker, Railroad Maintenance, has returned from a vacation trip which carried him to various points of interest in Pennsylvania.

Little Marilyn McDowell, daughter of "Red" McDowell, enjoyed from a month's stay at the Akron Rotary Camp for crippled children.

Best wishes to Carl Cooper on his 50th birthday anniversary . . . John Rakes and Scott Smith are going on a fishing trip, so we're hoping for a fish fry soon.

Our sincerest sympathy wishes to Robert Owens on the untimely death of his daughter-in-law . . . Louis Pereckovich enjoyed a vacation working around his home in Newton Falls.

Welcome to Esther Weber who is working at Roads and Grounds. Esther formerly worked in Personnel and on Line Two.

Art Lewis, Jack Streeter and C. L. McGee attended the funeral of Earl Myers on August 3. Mr. Myers was a truck driver working out of Depot U-7.

Get well wishes are extended to Frank Visocan who is recovering from an emergency appendectomy . . . John Stewart's father is seriously ill in the Warren Hospital.

Guard Force

An enjoyable but somewhat wet fishing vacation was spent at Buckhorn Lake, Canada, by S. C. Casbourne, George Donnelly and Bill White . . . C. L. (Speedy) Martin and wife, Mary, motored to Florida to enjoy the sunshine we're not having here.

Welcome back to three former guards who have returned to work. They are Kent Kunkle, John Brown Jr., and Fred Hemmerly . . . Tom and Eleanor Kerfoot and family are enjoying their vacation at their summer home at Berlin Dam.

Visiting the Guy Thompsons for the past two weeks were her mother, her brother and family and a niece, all from Proctorville, Ohio . . . House guests at the home of Mr. and Mrs. George Waller are Mr. and Mrs. Walter Huss and children from Philadelphia, Pa.

Back from a wonderful trip through the south are Mr. and Mrs. Frank Supek . . . A 10-day educational trip to New York was enjoyed by Mr. and Mrs. Louis J. Blake and daughter, Mary Lou.

Orlie Hicks was called to Green Sulphur Springs, W. Va., to the bedside of his 84-year-old father who is reported as being seriously ill . . . At Noelville Bay, Canada, were Mr. and Mrs. Floyd Watson and mother-in-law, the John Martins and their son, and Mr. and Mrs. William Burnip.



NEW NURSE — Miss Gwen Sells, daughter of Mr. and Mrs. Paul Sells of Atwater, recently received her nurse's cap in ceremonies at St. John's Cathedral, Cleveland. Miss Sells is taking her second year of training at St. John College, division of nursing. Her mother, Grace, works in Stores Stock Control.

John Mathes Is Outstanding Scout

John Mathes, 12-year-old son of Mr. and Mrs. John O. Mathes of Windham, has a mighty big smile on his face these days, as well he should.

John is a First Class Scout in the Windham Scout Troop, and on August 6 he received a letter from the Western Reserve Scout Council informing him that his fellow Scouts had selected him "as a Camper who has conducted himself in a manner which warrants a distinct recognition." Honor's Master Jim McAninch went on to say that John's ability and willingness to promote Scout camping, to develop and maintain its traditions, and spirit had won him a candidacy for the Order of the Arrow.

At a later date John will go through the Ordeal ceremonies to become initiated into the Order. In addition to his Scout activities, the young lad is a school patrol leader and belongs to the Windham Methodist Church. His proud father works in Department 81, Line Three.



BRADEN-ERICKSON

The Salvation Army Citadel in Warren was the scene of a pretty wedding on July 7 when Miss Mary Lou Erickson of Southington and Kenneth Braden, son of Mr. and Mrs. Joe Braden of Garrettsville, pronounced their wedding vows. The groom's father is a mechanic at Depot U-4.

The bride was lovely in a gown of white nylon tulle over satin. The dress was designed with a chantilly lace tunic which fell over the bouffant skirt. The bodice was fashioned with long, pointed sleeves and a sweetheart neckline trimmed with rhinestones. Her veil was attached to a lace headband, also trimmed with rhinestones. She carried a bouquet of stephanotis centered with a white orchid on a white Bible.

Immediately after the reception the couple left for a honeymoon trip to Canada. They are now at home in their newly furnished apartment at 657 Mahoning Ave., Warren.

Join Championship Bowling Program

Bowling Begins September 4th

The 1956-57 Bowling season gets underway Tuesday, September 4.

Open bowling and league organizational meetings will be held until September 17 when league play will begin.

All members of last year's teams and new bowlers are urged to contact team captains and begin to organize their teams. Leagues, teams and captains are:

MONDAY NIGHT LEAGUE—Engineers, Bob Pavlick; Officers, Lt. R. White; Salvage — Ed Weyrich; Load Line Two, Larry Mike; Guards No. 1, J. C. Martin; 67th EM, Sfc. C. Crawford; Load Line Three, George Mohn; Akronites, H. M. Kregel.

TUESDAY NIGHT LEAGUE—Bolton Bar No. 1, John Hank; Bolton Barn No. 2, Glen Taylor; Depot U-7, Dick Garman; Group Six,

Glossary Of Golf Terms

APPROACH — Conversational term for all strokes taken between your drive and your first putt.

BALL — A sphere made of rubber bands wound up half as tensely as the man trying to hit it.

BOGEY — Poor man's par.

BLASTER — Polite term describing language of golfer in sand trap.

SCORE CARD — A small four-page book of fiction.

COURSE — A mirage. Looks smooth, lush and grassy, but actually is made up of dense forests, acres of sand, and the five Great Lakes.

DUB — The other left.

FAIRWAY — The well-kept and seldom used portion of a golf course.

FLAG — Beacon to a rallying point where members of a foursome meet every 20 minutes to exchange alibis.

FORE — Golfing equivalent of an Air Raid Siren (Fall flat, face down and cover head with hands.)

HAZARD — Man-made difficulties, consisting of equal parts of sand, water, profanity and ulcers.

HOOK — An unexpected detour; turn left past 42 trees and inquire of passing caddy.

PUTT — A nervous breakdown with witnesses.

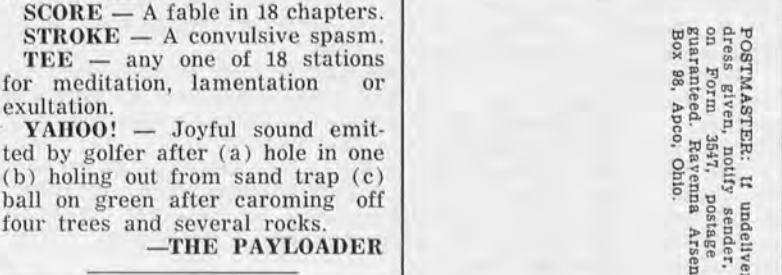
SCORE — A fable in 18 chapters.

STROKE — A convulsive spasm.

TEE — any one of 18 stations for meditation, lamentation or exultation.

YAHOO! — Joyful sound emitted by golfer after (a) hole in one (b) holing out from sand trap (c) ball on green after caroming off four trees and several rocks.

—THE PAYLOADER



POSTMASTER: If undelivered at the address given, kindly sender stating reason for return, please forward to the Bureau of Post Office, P. O. Box 3571, Postage for which is guaranteed by the U.S. Government.



DEEP SEA FISHING — Powerhouse employee Buford Jones, brought back this picture to prove there's a mighty lot of fish that don't "get away."

Mr. Jones' deep sea fishing expedition culminated a motor trip through Kentucky, Tennessee and Alabama. Interesting highlights of his trip were visits to Patrick Air Force Base and Great Smoky Mountain National Park.

Temper is like underwear; necessary, but not for display.

RAVENNA ARSENAL NEWS

Vol. 10, No. 2

RAVENNA ARSENAL, INC., APCO, OHIO

August 1956

RAI Receives Treasury's Minuteman Bond Award



COLONEL ALLEN (left), former Arsenal CO, has been named to succeed Colonel Harrison (center) as Deputy Commander of OAC. Colonel Schroder (right) will succeed Colonel Allen as Chief of the National Industrial Operations Division.

Colonel C. K. Allen Promoted

Col. Charles K. Allen, who was Arsenal Commanding Officer from 1951 to 1953, has been promoted to the post of Deputy Commander of the Ordnance Ammunition Command at Joliet, Ill.

After his assignment here, Colonel Allen was ordered to Japan and upon his return was made Chief of the National Industrial Operations Division at OAC, the headquarters which directs the activities of Ravenna Arsenal and 25 other ammunition installations through the country. When Col. L. H. Harrison, Deputy Commander at OAC, was assigned to new duties in the Pentagon, Colonel Allen was immediately named to succeed him.

A GRADUATE of West Point and Massachusetts Institute of Technology, Colonel Allen has had many years of Ordnance experience, having served as Commandant of the Ordnance School at Aberdeen, Md., and with the Industrial Division in the Office, Chief of Ordnance in Washington. Prior to his command at Ravenna Arsenal, he served as Deputy Chief of the New York Ordnance District.

Succeeding Colonel Allen as Chief of OAC's Industrial Division will be Col. John W. Schroder who has been an Ordnance officer for 16 years. He will visit the Arsenal in the near future as part of his indoctrination tour.



Given For Excellent Bond Participation

The United States Treasury's Minuteman Savings Bond award has been presented to employees of Ravenna Arsenal, Inc. for their splendid response to the Savings Bond Drive which was held earlier this year.

Mr. J. R. Martin of the Treasury Department, Savings Bond Division, made the presentation on July 25 with H. M. Kregel, RAI General Manager, accepting the award on behalf of all employees. Also attending the presentation were RAI Division and Department managers.

To receive this Minuteman lithograph print, a company with 100 or more employees must have at least 90 percent participation in the Savings Bond Program. RAI employees topped this with 99 percent participation.

IN JULY 1955, the Ordnance Corps at Ravenna Arsenal received this award for 90.3 percent participation among the civilian employees.

In presenting the print Mr. Martin congratulated Arsenal employees for helping their country's defense effort by purchasing U. S. Savings Bonds through the payroll deduction system. The Minuteman award is inscribed "To Ravenna Arsenal, Inc. for patriotic service to community and nation through the U. S. Savings Bonds Program" and is signed by George Humphrey, Secretary of the Treasury, and John Collyer, State Bond Chairman.

Mr. Kregel expressed his gratification that Arsenalites could be of service to this great nation and still be preparing for their own future through Savings Bonds.



HOWARD DUVALL goes through the medical check-up before donating his pint of life-giving blood. Above, Mrs. Grace Beckwith, registered nurse, checks Howard's blood pressure.

Blood Donations Are Praised

Portage County Red Cross leaders have justly hailed the outstanding record of Ravenna Arsenal blood donations for the Red Cross Blood Bank.

Since December 1951, Arsenal personnel and military men stationed here have donated 3,337 pints of blood. This total includes the 140 pints collected by the Red Cross Bloodmobile when they visited the Arsenal August 7.

"THE PEOPLE at the ordnance plant have been a big help to us in our blood program," said Mrs. David Watkins, Jr., executive secretary of the Portage County Red Cross chapter.

At the latest Bloodmobile visit, the Ordnance Corps, the 67th AAA Group and some men from the 351st AAA Missile Battalion at Lordstown joined RAI employees in making the visit a huge success. John P. Talkowski, Time Study Manager, was chairman of the visit. Mrs. Carroll Ruben was chairman of the volunteers. In charge of registration were Mrs. T. M. Scott, Jr., Mrs. F. W. Hodge, Mrs. Thomas McEwen and Mrs. B. H. Nichols.

TYPIST was Mrs. Gladys Vancura, Steno Pool. Others who assisted were Mrs. Harry Williams, Mrs. A. A. Hanes, Mrs. D. H. Ringler, Mrs. Francis Stuhlreher, (Continued on page 7)

RAVENNA ARSENAL, INC.
P. O. BOX 94
APCO, OHIO

July 26, 1956

To the Employees of Ravenna Arsenal, Inc.,
Keystone Division, and
Plum Brook Division:

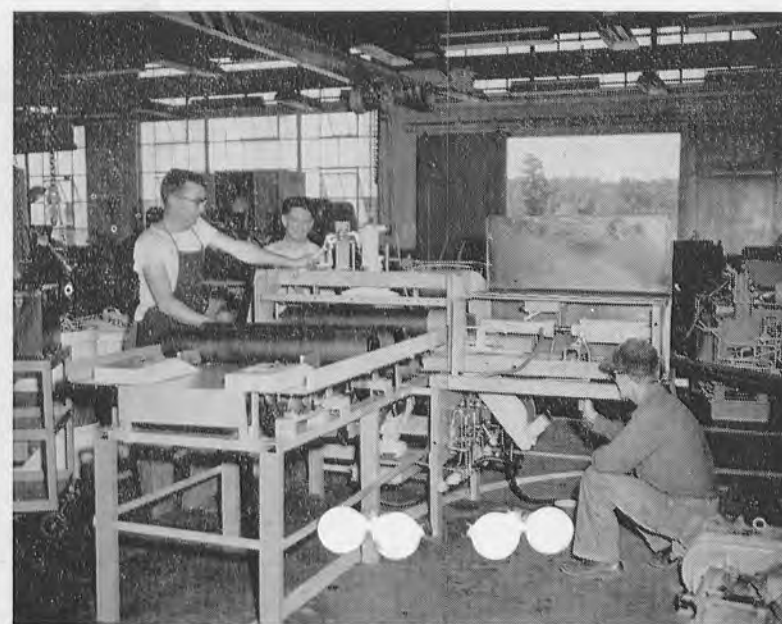
On the morning of July 25, 1956, I accepted in your behalf the United States Treasury Award for patriotic service to community and nation through the U. S. Savings Bonds Program. This award was made based on 99% employee participation in the purchase of Savings Bonds through the payroll deduction plan following the bond drive conducted in March and April of this year.

I know you will feel proud of this award for it is an honor to receive one; but it is rewarding in other ways knowing you can be of service to your country and still save for yourselves for the future by buying United States Savings Bonds.

Very truly yours,

RAVENNA ARSENAL, INC.

H. M. Kregel
General Manager



AUTOMATIC CAP-PULLING MACHINE — Above, left to right, Wayne Taylor, George Baker and Russell Cline are putting on the finishing touches to the fabrication of the automatic cap pulling machine—one of the many machines fabricated by the George Road Shops.



THIS IS THE EXTERIOR portion of the new dust collecting system recently installed by the engineers at the Depot Carpenter Shop. Installation of this system completed the modernization of the dunnage facilities as new saws, planer and nailing machine had been previously installed.



MACHINE SHOP — First row (l to r), Mitchell Wracher, Frank Visocan, Charles Reed, Clark Hoskinson and John Oxley; second row, James Stauffer, Will Jackson, George Baker, Art Seaman and Mike Kerro.

The George Road Shops

Engineering Units Occupy Vital Role In Arsenal Operations

Forming an important segment of the Engineering Division are the various skill-crafts and trades combined under the roof of one building, known to Arsenalites as the "George Road Shop." Performing jobs of many varieties and descriptions, millwrights, machinists, welders, pipefitters, painters, carpenters, electricians, and sheet-metal workers join together to contribute vital service in the daily operation of Ravenna Arsenal.

Paul Braucher, General Foreman of the Shops, directs the various activities of this unit which monthly process an average of 500 work orders and 200 mechanical order schedules. These cover work ranging from the major mechanization projects for modernizing production lines to the routine normal maintenance functions, such as repairing the proverbial leaky faucet or replacing a fluorescent light bulb.

In these tasks able assistance is provided by foremen and supervisors of the different shops. These men represent a total of over 100 years of service at the Arsenal and are the "old-timers" recognized by all.

Phil Loveless, with 15 years' service, supervises the Paint Shop, overseeing the painting of new equipment, building alterations and maintaining the buildings and structures in active or caretaker status. Cal Chesser, recently promoted foreman of the Pipe Shop is no stranger to the plant, having been here for 14 years. This group keeps in operating condition over 167,000 feet of steam and air lines and necessary interior plumbing.

* * *

ED LIETZOW, Electric Shop with 14 years' tenure, has charge of electrical service for the plant. Wiring for new equipment and machinery, maintenance of substations, transformers, poles and over 200 miles of electric line and interior connections are included in the work performed by this group. Medio Sarrocco, Sheetmetal Shop, has 13 years' service. This shop handles installation work such as that required on the new dust collecting system at the Depot Carpenter Shop, and routine work including such activities as repair of gutters and downspouting and installation of guards on equipment.

Harry Williams, Carpenter Shop, will complete his 16th year here in October this year. Activities vary from construction, building alterations, form fabrication, to repair of buildings and structures. Dave James, an Arsenalite for 15 years, is responsible for the activities of the Preventive Maintenance crew. Periodic inspections of buildings and equipment are always in progress to assure that all are maintained up to the standards established by OAC.

George Baker, veteran of 14 years, directs the activities of the Machine Shop in the fabrication of new equipment, tools, and accessories and in the repair of existing items.

* * *

TO THE MILLWRIGHTS and welders fall the jobs of installing, relocating and repairing equipment, and making building or structure alterations. Activities of this group, as well as all crafts and trades, are not confined to the George Road Shop alone, but are spread over the length and breadth of the Arsenal. Work finds shop personnel not only on production lines, but also in such places as the Burning Grounds setting up demilitarization equipment; at Building 849 improving Salvage facilities or at the Bundling Building installing normal maintenance equipment.

Although engaged in work more hazardous than the average worker, this unit has consistently maintained an excellent record for working safely. Since 1951 their safety record has been one of the reasons the Engineering Division has been able to achieve records of 1,491,207 and 1,122,856 manhours without a lost-time injury.

George Road Shop personnel's interest has also been high in the Suggestions Award System and the annual Safety Slogan Contest, where shop participation has also been very high.

The shops are proud of the fact that they had the 1954 Slogan winner; George Derr of the Paint Shop won first prize.

Although there is always friendly competition between the various units, the entire organization is welded together with a bond of good fellowship and know-how that gets jobs done.



GEORGE YOCUM, Plant Engineer; **Paul Brses** before visiting the George Road Shops. Engineering Manager, pause to pick up safety glasses, General Foreman of Shops; and **J. C. Duer**,



WELD & TIN SHOP — First row (l to r), Eugene Henn, Harold Hartung, Frank Thulin, Medio Sarrocco; second row, Dave Reider, Willard Mick, Ray Koran, Walter Wolfe, John Kaliseak, Jack Bosma and George Clark.



PAINT SHOP — First row (l to r), Charles Needler, John Bratnich and Phil Lovelless; second row, Robert Nichol, Eino Hill, Burr Baum and Raymond Knapp.



PIPE SHOP — First row (l to r), William Byrnes, Delbert Pratt, Vernon Trammel, George Loomis, Jack Eckland and Orville Jackson; second row, Roy Long, Arthur Pete, Cal Chesser, Ralph Thompson and Russell Klingerman.



ELECTRIC SHOP — First row (l to r), Florence Minor, John Papiska, John Sharpnack, Fred Hukari, Leonard Woodard; second row, Kenneth Marks, Andrew Hudak, Ed Lietzow, Scotty Raeburn, and Gerald Smith.



CARPENTER SHOP — First row (l to r), Lester Rossow, Claude Lovett, Hurdie Parsons, Denver McClain, Arthur Schwenk and Harry Williams; second row, Virgil Hudson, Louis Gheen, Luke Wadsworth, Wilson Buchanan and Otis Sole.



FIRST ROW (l to r), George Derr, painter; John Meliker, carpenter, Dave James, foreman; John Dalrymple, electrician; Richard Benton, plumber; Anthony Stronz, plumber; Ray Marvin, carpenter, and Charles Mooney, electrician. Second row, Cecil Hughes, painter; Wayne Taylor, machinist; Harry Snell, sheetmetal worker; Ruth Orwig, clerk; John Pacanovsky, carpenter; Henry Stanouk, plumber; John Bednarek, millwright; Blaine Decker, lineman helper, and Nick Sarrocco, electrician.



RECEIVE SERVICE AWARDS — Murrell L. Barnhart, R. D. 2, Ravenna, and Edward St. Clair of Newton Falls, were recently presented service award pins by Lt. Col. T. M. Scott, Jr., Commanding Officer.

Mr. Barnhart, Assistant Chief of the Inspection Division, began his career with the government on June 6, 1941 and has served continuously since that date. Mr. St. Clair, also of the Inspection Division, started his government service on April 8, 1946. Above, left to right, are C. R. Branfield, Inspection Chief, Mr. St. Clair, Mr. Barnhart and Colonel Scott.

Stork Club

Deborah Ann was the name chosen for the new daughter of Mr. and Mrs. Leonard Janka, Rootstown, who arrived on August 6. The Janka's have another daughter and one son.

A. S. Pearce is very boastful about the newest addition to his family. His 14th grandchild, a boy, was born to his son and daughter-in-law, Mr. and Mrs. William Pearce, on August 8. The little boy makes a total of three boys and one girl for his parents.

Congratulations to the G. R. Carleys who have a second grandson. Little Jeffrey Carley Petrie was born July 27 to 1st Lt. and Mrs. Donald Petrie (Janice Carley) of Dover, Del. The proud grandfather is Line Three Superintendent.

Robert and May Hicks of Lake Milton welcomed the arrival of a son, David Paul, on July 12. The father of the new eight-pound boy is employed as a guard on the second shift.

A daughter, Rebecca Lynn, was born to James and Lois Uglov of Atwater on June 16. The little girl

weighed 7 lbs. 13 ozs. Mr. Uglov is a guard on the third shift and his wife is a former Arsenal nurse.

R. DeUnger Promoted To Warrant Officer



M-Sgt. Roland DeUnger, Ordnance Management, was promoted to Warrant Officer while serving his annual two weeks' active duty training at Fort Knox, Ky., with the 2084th ARASU, Akron U. S. Army Reserves. Also, he has been reassigned as Personnel Officer, Service Company, 331st Infantry Regiment, 83rd Infantry Division.

Ammunition Worker - One Of Safest Jobs

The ammunition worker has one of the safest jobs in American industry, according to official 1955 statistics of the National Safety Council and the Army Ordnance Corps.

An employee in one of the Army's 26 ammunition plants is only one-sixth as likely to be injured on the job as the worker in an average American industry.

HE IS ABOUT 23 TIMES safer than a person engaged in coal-mining, lumbering or marine transportation. He is probably five times

safer at work than at home. He is four times more likely to be killed in a motor vehicle accident than on his job. In fact, only one major U. S. industry — communications — has a better safety record than the Army ammunition industry. Sharing credit with Army Ord-

William Bungard, F. F. Cummins Retire

Well-known Arsenelite William D. Bungard, Shop Maintenance, retired from active work on July 12.

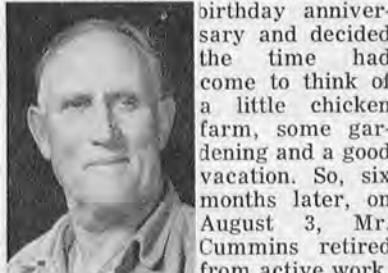
Mr. Bungard, one of the Arsenal's old-timers, came to work here October 12, 1940 for the Hunkin-Conkey Construction Company. He transferred to RAI in December 1951.

Mr. Bungard plans to take advantage of his retirement life to get in some fishing time. He also wants to "visit around a while and then just take it easy."

Three of his seven children have been associated with the Arsenal. Robert works in the Key Shop, Carl is one of the Arsenal photographers, and Bill, a former Ordnance employee here, is now on a government assignment in Greece. Mr. Bungard has three additional sons — Charles and Paul, who live at Lake Milton, and James, serving in W. D. BUNGARD the Army — and one daughter, Shirley, at home. He also has seven grandchildren whose visits he enjoys.

Mr. Bungard said he enjoyed his 15 and one-half years working here and would like to hear from friends and co-workers. His address is Route 2, Box 430, Newton Falls, Ohio.

By the time you have money to burn, the fire has gone out.



On February 3 this year, Forrest F. Cummins celebrated his 66th birthday anniversary and decided the time had come to think of a little chicken farm, some gardening and a good vacation. So, six months later, on August 3, Mr. Cummins retired from active work.

In Memoriam

LaRUE SLUSSER

Mrs. LaRue H. Slusser, 64, of Rootstown, died in Robinson Memorial Hospital August 6 after a long illness. She was the wife of Paymaster Karl Slusser.

Born in Cleveland, she had lived in Rootstown for the past 10 years, moving there from Akron. She was a member of the Rootstown Congregational Church.

She is survived by her husband, a son, Harris of Pittsburgh; a sister and one granddaughter. Services were held at the Wood Funeral Home, Ravenna.

THOMAS A. OSBURN

Thomas A. Osburn, 51, of Apco, died unexpectedly at his home Saturday evening, August 11. A heart attack claimed the Arsenal guard who was known throughout the area as "the 'coon hunter."

Many times in the five years he had lived on the post, this newspaper has carried pictures of Mr. Osburn in his ten-gallon hat and with his faithful dogs, displaying his trappings for the season. He was well-known and liked throughout the plant.

He leaves his wife, Mary Louise; three brothers, a sister and his mother. Services were held at the Wood Funeral Home, Ravenna, before the body was removed to the Leavitt Funeral Home in Parkersburg. Burial was in Success, Ohio.

GEORGE W. EDWARDS

George W. Edwards, father of Miss Eliza Edwards of the Hospital, passed away August 5 in Parkersburg, W. Va.

Services were held at Robinson Funeral Home in Indiana, Pa., with interment at Washington Church in Indiana County, Pa.

SIGHT-SAVING MONTH

September is national "Sight-Saving Month" — and a good time to take stock of your own eye health scorecard. When did you last have a thorough, professional eye examination? The National Society for Prevention of Blindness recommends one every two years, especially for men and women over forty.

nance for this safety achievement are 19 prominent American industrial firms, who under contract with the Ordnance Corps operate 22 of the 26 Army ammunition plants.

All 26 plants, including four operated by the Army with civil service workers, are directed and supervised by Maj. Gen. R. G. Butler, Commander of the Ordnance Ammunition Command at Joliet, Ill.

DURING 1955, about 55,000 workers were employed in the 26 ammunition installations. Of these 55,000 persons only four were fatally injured, including a plant guard whose patrol car upset.

Another 120 workers suffered disabling injuries, including 90 who were involved in common industrial-type accidents that had nothing to do with explosives, such as a worker dropping a box on his foot, or cutting his hand, or falling from a ladder. About 75 of these injuries were minor enough to permit the employee to return to work within a week.

If the 1955 accident record of these 26 ammunition plants, one of which is Ravenna Arsenal, had been the same as the average American industry, 13 workers would have been killed instead of only four, and 1,700 workers would have been injured instead of 120.

THE OFFICIAL 1955 accident-frequency rate of the ammunition industry was 1.1 disabling injuries for every million manhours worked. Of all the major industries in the United States that report their figures to the National Safety Council, one the communications industry had a lower rate in 1955. This was 8.

A disabling injury, according to the Army's strict definition, is one that prevents the worker from returning to his regular job on the following day. The average rate in 1955 of all the major industries was 6.96 injuries per million manhours.

The record-breaking 1955 achievement reflects the steady improvement in safety that the Army ammunition industry has experienced in the past 10 years. In 1946 the accident-frequency rate was 6.7 injuries per million manhours. By 1950 this had declined to 3.3.

As most people realize, the ammunition industry is by its nature very dangerous. Since ammunition-making began several centuries ago, thousands of people engaged in it have been killed or maimed.

BUT THE OUTSTANDING fact is that this inherently-hazardous industry has been made safe, especially in the past 15 years, by the people engaged in it, representing both the government and private companies.

The declining accident-frequency rate of the 26 plants is extremely satisfying to General Butler for two reasons — humanitarian and financial.

"The most gratifying part of record is, of course, that many human lives were saved and crippling injuries prevented," the OAC Commander stated.

"In addition, our accident-prevention performance and safety record has saved the government a great deal of money in reduced premiums for the workmen's compensation insurance that covers all the people employed in our plants."

Last fall it was estimated that the declining accident-frequency rates of the 26 ammunition plants had saved the government well over a million dollars in four years for insurance sots. At that time the Ordnance Ammunition Command was honored with a "certificate of achievement" from the National Association of Casualty and Surety Companies, in recognition of its "outstanding safety record."



Just Passing Through

Read a nice article about Frank Halstead, George's father, in the Evening Record the other day. The 93-year-old gentleman received special honors for, get this, 70 years' membership in the Odd Fellows Lodge (No. 65, Ravenna).

Have you heard the record "Transfusion?" If you haven't, you've really missed something or you really haven't missed anything, depending on how you look at it! What it all boils down to, regardless of tastes in music, is this: driver safety has finally invaded the music world. Safety is everywhere else so it might as well be here, too. All of which reminds us of a personal experience we'd like to relate. Same follows.

What we are about to tell all happened on the same sunny Saturday, please keep that in mind. Morning: Was riding in town with the boss when I dropped my cigarette case on the car floor. Bent over to retrieve it and in so doing, clobbered my eye on the gear shift.

Mid-day: Stopped to see our sister-in-law and when I got back in the car didn't watch where I was going — bashed head on top of car door.

Afternoon: Home again, I wanted some floor polish that was in the top of the highest cabinet in the kitchen. Instead of using the step stool, as the boss has told me 100 times to do, I climbed on a chair which had a pillow on the seat. Pillow slipped. So did I. Banged-up leg.

And then to end the day, I went out on the back porch to call the dog and was standing on the very edge of it when one of the cement blocks decided it was time to let go. Result, one bruised back bone.

Did I hear you say you don't pay any attention to that safety stuff?

Here's a funny one — H. L. Sorensen told us this. It seems a certain time study man while on his vacation, decided to mow the lawn. The mower blade was dull so he changed it. He mowed the entire lawn, stopped to survey his work and lo and behold! the grass didn't even look like it had been cut. It hadn't — he put the blade in backwards!

TO KEEP WITH YOU EACH DAY — A smile is the window in a face that shows that a heart is at home.

—D.N.B.



Elections - - What Do They Mean To Us?

What do elections mean to us?

Amid the din and fury of a presidential campaign, we may lose sight of — or, worse, take for granted — some of the rights and privileges that we won the long, hard way.

Take the matter of women voting, for example. We never give it a thought nowadays. Yet it was not until 1920 that this was made permanently a part of our Constitution.

The best measure of the progress of democracy in any country is the extent to which people choose their government and control its policy. It took mankind a long time to develop this process.

The original Bill of Rights, the Magna Carta that the British barons wrested from King John, removed absolute power from the king more than seven centuries ago. We are the direct heirs of this British tradition. Yet the principle of universal suffrage — as witness the struggle for votes for women — was not fully established in our country until some 35 or 40 years ago.

THE REPUBLICS of the ancient world and middle ages were "democracies," but most of them — including the city republics of Europe in the 18th and 19th centuries — were ruled by small groups of landowners and substantial citizens. They were not democracies, in the modern sense.

Even Aristotle — wise as he was and thoroughly liberal-minded in government — insisted that craftsmen, laborers and "any class which is not a producer of virtue" should have no voice in the state. He thought the ruling class should be owners of property.

In our own country the Constitution of the United States, adopted in 1788, left each state to define its own qualifications for voting. Most of the states placed ownership of property as a condition of the right to vote. This qualification was gradually discontinued and finally disappeared in 1856 when the last state, North Carolina, removed it.

The last vestiges of property qualifications remaining are the poll taxes in a few southern states; and, occasionally, the qualification remains in the case of local elections — especially on questions involving local taxation.

ASIDE FROM PROPERTY ownership, literacy requirements to read and write are frequently made a condition of voting. In advanced countries, including the United States, the literacy qualification does not actually bar many voters, because the countries provide for compulsory education.

There are two ways by which potential adult voters may actually lose their votes. One way is by a provision of law which bars them; and the other is simply failure to exercise their right.

Here the United States record is not impressive. In England, Sweden, Germany and other countries of Europe as many as 80 to 85 per cent of the potential voters do actually go to the polls and vote in an important election. In the United States the figure sometimes reaches a shockingly low 52 per cent of the population of voting age, even in a presidential year.

This is a case where democracy suffers by neglect. It can only be that these voters do not recognize the centuries of struggle that brought to them the privileges of selecting their own leaders and

representatives. The two-party political system has found its fullest development in the United States and Great Britain and prevails also in most of the British Commonwealth and some Latin American countries. It is conspicuously absent in Continental Europe.

Arguments concerning the efficiency of the two-party system have waged back and forth, and the system does have some disadvantages. Chief one is the fact that it is very difficult for an independent candidate to be elected without the backing of one of the two principal parties — especially in a national election.

BUT THE FACT is that Great Britain, the members of the British Commonwealth and the United States — with the longest experience in democratic processes — have all arrived at this system of

political organization. On the other hand, the instability of the French parliament, so well known, is a demonstration of the fragile quality that accompanies multiparty governments.

Measured by the scope of suffrage throughout the world, man's age-old aspirations toward self-government have never been as widely realized as they are today. Of the 80 independent countries in the middle of 1952, 60 can be described as parliamentary and 20 as absolutist (with two divided by opposing forces), although not all of the 60 parliamentary states meet the standards of democracy recognized in modern free nations. In terms of population, 56 percent of the peoples of the world live in republics or constitutional monarchies.

Let's keep it that way. Exercise your right to vote in every election.

(The foregoing article is based on "World Commerce and Governments," by W. S. and E. S. Woytinsky and is obtainable at most book stores.)

What Happens When You Buy A Bond?

(Editor's Note: The following story was prepared in answer to numerous requests from employees. We hope it will answer the numerous inquiries received on delayed receipt of Savings Bonds. Further information on this subject is available at the Employment Office.)

The Payroll Deduction Plan for buying United Savings Bonds is noted for its simplicity. All one has to do is sign a card authorizing the amount to be deducted from his or her pay, and thereafter you are saving the automatic, convenient way.

However, the actual purchase of the bond is not quite as simple as some may think. It is a little more complicated than just handing the government the money and receiving a piece of paper for it.

Bonds for Arsenal employees using the payroll deduction plan for saving are purchased through the Cleveland Federal Reserve Bank.

The Firestone Savings Bond Department in Akron maintains individual records of amounts deducted from employees' pay. Then, when enough money has been accumulated to purchase a bond, the Akron Bond Office places orders with the Cleveland Reserve Bank for bonds for Arsenal employees on exactly the same time cycle as they place orders for Firestone employees.

THIS IS MADE POSSIBLE by our Payroll Department submitting to the Akron office the list of bond deductions and the money to cover those deductions one day before each payday.

The Akron Office assures that they post these records the same day they are received and order the bonds from Cleveland not later than the following day.

The Cleveland Reserve Bank in turn assures that bonds will be mailed within 10 days from the time they receive the order so there should be no more than a two-week lapse between the time of the payroll deduction and delivery of the bond to the employee.

Most companies in this area use the Cleveland Reserve Bank system because it has proved to be faster and less complicated.

IF THE EMPLOYEE were to receive the bond any sooner it would be no more useful to him than under the present set-up, because bonds cannot be cashed until 60 days after the issue date.

LOSE YOUR LIFE TO FIND IT

In every patch of timber you Will always find a tree or two That would have fallen long ago, Borne down by wind or age or snow, Had not another neighbor tree Held out its arms in sympathy. God grant that men are like to these, And brothers brotherly as trees.



Congratulations to the following employees who completed five years' service with RAI in July.

- Department 18: E. A. Diehl
- Department 22: Frank M. Soper
- Department 32: C. O. Hoskinson
- Department 37: Mary Ann Siglow
- Department 50: R. R. Kauffman
- Department 51: William Andriko, W. F. Thurston



THE JAMES BOYS RIDE AGAIN might have been a better caption for these Brothers of the Brush taking part in Kent's Sesquicentennial. The Deleone Brothers, Frank (left, Roads and Grounds) and Joe (Space Heating) are testing the strength of each others three months' growth.

Insets, left to right, are Eugene (Dapper Dan) Taylor, Machine Shop; Ed (ole Santa Claus) Weyrich, Ordnance Property; and Bob Hart, Industrial Relations.

Our America

History Written In Supermarket

Next time you are in the supermarket, take a good look at it. Will you see anything unusual in the rows of shelves and bins? In the many packaged food in the refrigerator case, the vegetable stand and the meat department? You should.

We have written history of men living on this earth for 6,000 years, from the time of the ancient Assyrians, Persians, Egyptians and Greeks, through the Roman Empire, and right up to the 1930's (in Russia) most of the time they never got enough to eat.

Until the last 100 years or so, famine has been expected and has been the rule rather than the exception, one place or another on

this earth. Hunger has been normal.

For 6,000 years men have died of starvation. They have toiled from dawn to dark, unclothed, undernourished, diseased and cold.

American Miracle

What's that got to do with your supermarket?

That supermarket is nearly incredible. It represents the miracle which has happened in America.

What started this miracle? It was an idea.

Throughout history, clans, tribes and nations had followed the idea that human activity ought to be controlled by someone, whether it be a group as in socialism and communism, or by an individual such as a priest, king or an emperor.

And throughout history this idea has failed because things don't get done by rulers or ruling classes but only by individual people.

America was founded on a different notion. The idea that the government, or the state, should be a servant to protect personal liberty.

How It Happened

The American Revolution was a revolt against the centuries-old notion that the individual was a servant of the state.

And the miracle which has happened that changed 6,000 years of history was simply this: the release of the creative energies of men and women by substituting self determination and individual freedom and initiative for government control.

Dr. Allen A. Stockdale put it this way:

"When God made the earth he could have finished it, but he didn't. Instead he left it as raw material to tease us, to tantalize us, to set us thinking and experimenting and risking and adventuring."

"God left the oil in the rocks, the electricity in the clouds. He built no bridges over the rivers and cut down no forests."

"Progress comes not by some magic word and not by government edict but from the thoughts, the toils, the tears, the triumphs of individuals."



Thirteen Win Suggestion Awards

Thirteen Arsenal employees received awards of \$10 each when the RAI Suggestion Board approved payment at its July meeting.

Millwright Verne H. Vandenberg collected two \$10 awards for his good ideas. Mr. Vandenberg suggested a foot bridge to reach the acetone building, and also had an idea for hooks for buggy tongues.

Howard Duvall, Jr., general repairman at the Main Garage, discovered hanging a canvas around the welding bay will facilitate placing shield out of the way when not in use, and will also give more room to move about in the bay.

* * *

RAY WELLS got \$10 extra spending money for suggesting straps to prevent truck tarpaulins from ballooning while in motion, while Alex Ricci's idea for a truck bolster jig to aid in removing broken springs also won him some extra cash.

Russ Madonio thought of a way to replace metal hose with rubber hose in Ford truck cooling systems, and Sam Johnson, Jr. suggested using siphon hoses to empty large vacuum tanks.

Remaining employees who collected awards of \$10 each were: C. E. McKnight, gas station supervisor; Mary DeCavitch, A. P. Line; Amelia Miscevic, senior clerk P. E. and I. Division; S. L. Gray, PT&T operator; Willie McGuire, PT&T operator; Harry E. Stewart, millwright; and Jim Purdy, millwright.

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Ordnance Staff — Lillian Youell.
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Transportation Division — Jennette Bell, K. O. Flesher, Margaret Kaibas.
67th AAA Group — Fred Leunberger.

'Company' Wears Many Hats

"The Company" just came out with a new production record.

"The Company" has broadened its policy.

"The Company" favours better roads.

"The Company" does this. "The Company" does that. Everyday people speak about that intangible something "the Company" and what it needs, what it gives.

* * *

SOME SPEAK OF IT reverently as though it were super-natural. Others speak of it worriedly as though it were an octopus. Some speak of it affectionately as though it were a doting grandfather. Some speak of it confusedly. They're not sure just what it is.

Well, what is it, this "Company" we speak of so often? What is this invisible something that is so many things to so many people?

"The Company" is people — what people depends on the point of view.

TO THE MAN next door, the "Company" is you.

To the person looking for a job, it's the interviewer.

To the casual visitor, it's the receptionist or the escort.

To the union committee, it's the management men across the table.

To the supplier, it's the buyer.

To the dealer, it's the man who gets him machinery.

To the fund chairman, it's the person who gives him a check.

* * *

TO US EMPLOYEES, it's our supervisors.

"The Company" is not always the same person. It is not always the same group of persons.

So when we talk about "the Company" we should think of WHOM we speak. "The Company" wears many hats — including yours. The way you wear yours determines, in part, what people think of "the Company."

—CATERPILLAR FOLKS.

'Coons In Cans

Truck Driver Paul Pringle (above) got the surprise of his life one morning recently when he went to empty the trash cans behind the Employment Bulk. There, nestled among the papers, were two baby raccoons.

The natural thing to do, of course, was to call Photographer Bob Stickney and get another picture for the Arsenal wildlife collection.

However, one of the little furry creatures either had a past to hide or didn't like the flash bulbs, because he covered his face with his "hands" and refused to pose.

E. L. CLABAUGH RECEIVES WATER, SEWAGE CERTIFICATE

E. L. Clabaugh was recently awarded a "B" certificate in both Water and Sewage Disposal, from the State Board of Health in Columbus. He now qualifies for supervision of Class "B" plants.

Side Glances

P. E. & I. Division

Visiting relatives and friends in Pennsylvania were D. H. Ringer and family. . . . Bill Carroll enjoyed a week at home entertaining relatives from St. Louis. . . . Two weeks' Army Reserve training occupied E. L. Marken's vacation time.

James Collins planned to do some farming while on his vacation. The weather, however, didn't agree with his plans. . . . Johnny Lemon and family enjoyed a week traveling through Canada, while Oscar (Bud) Saylor tried his luck at fishing, also in Canada.

Margaret Whittenberger, Specifications, is convalescing at home due to a back injury. . . . Rose Duganne, husband and daughter chose Virginia Beach for their vacation site and stopped at points of interest on their trip south.

Medical

Welcome back to Mary Ann Delay who was off work several weeks due to illness, and welcome to Lucy Hampton, of Ravenna, new Hospital employee.

Betty Flegal and family recent enjoyed a motor trip to Philipsburg, Pa. . . . Vivian Hindall has returned from a three-week tour of the mid-west where she visited Sioux Falls, S. D., saw the Passion Play and Sylvan Lake in the Black Hills, the rodeo at Bellfouche, S. D., and Devil's Tower in Wyoming.

Depot Area

Paul Gillispie left to enjoy a week in Canada looking for fish. . . . Joe Braden and Chef Wade also went to our northern neighbor's to fish and see some scenery. All report the mosquitos were really in a vicious mood. . . . Grover Shaw enjoyed a tour on the Adirondacks on his vacation.

Earl Stonestreet attended a school for several weeks at Savannah (Ill.) Ordinance. . . . Lewis Koontz left U-14 in the hands of Tom Frissell for a few days while he enjoyed a vacation. . . . Wallace Smalley of U-5 returned to work after spending two weeks caring for his mother who is ill.

Chef Liddle left July 29 for a long vacation which will take him to Tampa, Fla. and then Nebraska. . . . Paul Gillispie states he had a fine trip to the Severn River region in Ontario. He had fine fishing, but was somewhat embarrassed when his wife, who he claims is a mere amateur, hauled in a 10 lb. 32-inch long pike!

John Hank, Depot General Foreman, utilized the first week of August to do some touching up around his home. . . . Charles Myers vacationed in Galesburg, Ill., while Fred Laughton spent two weeks in Virginia visiting his son.

Frank Valenti whizzed to Montebello, Cal., and came back by way of El Paso, Tex., for an enjoyable trip. . . . Sam Spade found his journey to Nova Scotia and New Brunswick quite interesting.

Larry Weisend's son, Wendell, has transferred from Duke University to a position as Director of Athletics at VPI in Blacksburg, Va.

Ike Marshall is confined to Akron City hospital with a severe case of pleurisy. . . . Ted Ramsey's little daughter, Rebecca Sue, has been admitted to Children's hospital for care, and Fred McCutcheon's daughter, Catherine, is still very slowly recovering from a tonsil operation.

We're pleased to hear Charles Love has recovered sufficiently to return to his home after about seven weeks in the hospital. . . . Renaud Johnson, Marion Johnson's seven-year-old daughter, is confined to Children's Hospital for a heart ailment.

Transportation Division

Homer Starkey started his vacation last week and picked blackberries the first day. For the remainder of the week he doctored jigger bites! . . . Ira Channel now claims it pays to take a chance once in a while. Recently he bought a chance ticket from a friend for a dollar and last week he received a check for \$100.

Welcome back to H. P. Johnston who is back to work fully recovered from his operation. . . . Robert Graham has been off work due to illness. . . . Glen Harper who is confined to Robinson Memorial Hospital has recovered enough to now receive visitors.

The "Jit" Harris household is going to be a busy one in the next few weeks. Little Danny is having a fifth birthday anniversary July 25 and pretty little Susie will celebrate hers on August 15. Then, Jit and his wife will celebrate 15 years of marriage on July 26. . . . Congratulations all the way around.

S. L. Marsh, foreman of 1034, enjoyed his vacation fishing in Canada. His largest catch was a 28 and one-half-inch Muskallunge. (Con't on page 8)



GLAD-TO-SEE-YOU-SMILES — William J. Fogarty (center), former Arsenal Industrial Relations Manager now at the Firestone Des Moines, Iowa plant, returned to his home in Bath, Ohio, on his vacation in July. He spent one day of his vacation at the Arsenal talking to old friends and viewing the plant. Above, H. M. Krengele, General Manager, and H. L. Sorensen, Industrial Relations Manager, talk over old times. Everyone was glad to see the genial Irishman and pleased that he remembered us.



For Family Living



This Month's Recipe Is From S. S. America



CARAMEL CUSTARD AMERICA, a favorite dessert aboard the S. S. America, bakes satin-smooth and is rich and wholesome. It's simple, delicious, nutritious and elegant enough for your fanciest menu.

Imaginatively glazed hams and turkeys, elaborate hors d'oeuvres to pique the appetite, sumptuous pastries — all these and much more are found on the magnificent buffet tables of the S. S. America, one of the great ships of the United States Lines.

The special files of the America's Chief Confectioner Westlund, who creates food "fit for a king," provide this simple but elegant recipe for delicate, satin-smooth Caramel Custard America, adapted for preparation in your own kitchen (the original calls for 32 eggs and serves 24).

Caramel Custard America

½ cup plus 1-3 cup sugar, divided
1 tall can (1 2-3 cups) evaporated milk
1 cup water
4 eggs
1 tsp. vanilla
½ tsp. salt

Place one-half cup of the sugar in heavy skillet; stir constantly over moderate heat until sugar is melted and a light brown syrup is formed. Spoon into eight greased custard cups. Combine one-third cup sugar with remaining ingredients and beat until smooth. Pour over caramel syrup in custard cups. Place in pan of hot water. Bake in moderate oven (350 degrees F.) 40 to 45 minutes until tip of knife, inserted in center, comes out clean. Remove from water; cool. Serve in cups or unmold, if you prefer.

Make A Smart Duster, Robe, Negligee From A Blanket or Bedspread

A unique do-it-yourself idea is the Blancoat, the fabulous pattern from which any woman can make a smart coat, duster or short negligee in two or three hours.

Using the Blancoat pattern and a double-size blanket you can sew a smart Blancoat, perfect for town-and-country wear, or with the same pattern and a lightweight bedspread, a robe or coat can be fashioned. The choice of weight, texture, color and design of the blanket or bedspread determines the use of your finished creation.

To make the coat or robe, first fold the blanket or spread in half and place pattern on the folded edge. Next, cut out the three pieces — the main body, sleeves and pockets. Without the slightest difficulty, you will then assembly coat, by running one seam up the sleeves and around the collar. All that remains is to sew on the pockets, seam up the lining, which is an optional feature and cut from the same pattern, and hem to desired length.

With the Blancoat pattern you can create a coat or robe, requiring neither alterations nor fittings, for one-third the ready to wear price.

The patterns, cut according to



Health, Science News

Convalescence from illness complicated by emotional factors has become a serious problem to industry, in the opinion of a noted University of Chicago psychiatrist. Writing in the Journal Industrial Medicine & Surgery, Dr. C. Knight Aldrich, chairman of the university's psychiatry department, states that illness affects workers in different ways.

The disability makes some feel as helpless as children and they unconsciously delay their return to adult life and work. Others are frightened to rush back to the job before they should.

In the first case, this means prolonged absenteeism for industry, and financial problems for the family. In the second, it means that a worker cannot perform as well as he normally would and may even have a relapse.

Dr. Aldrich believes that the company doctor and the family physician must use psychology in helping a worker to get over an illness without either prolonging or shortening convalescence.

Medical scientists at Duke University have developed a modern version of old-fashioned long underwear to help people with dangerously low blood pressure.

A person with this condition is all right while lying down but faints from the sudden drop in blood pressure when he stands or merely sits up.

The condition results from the inability of the small arteries to constrict and maintain enough pressure to keep blood flowing in normal amounts back to the heart and brain.

According to a report in the Journal of the American Medical Association, the Duke scientists devised a zippered, elastic undersuit for such patients to wear. The tight-fitting suit puts enough pressure over the lower half of the body to keep the blood flowing back to the heart when the patient sits or stands.



SEW-IT-YOURSELF — Made from the new Blancoat pattern, this smart coat serves as either a shortnegligee or lightweight top. The above coat is made from a soft cotton blanket.

RETIRED EMPLOYEE INJURES HAND

George Mills, former inspector at the Main Service Garage, cut his hand quite severely in a power lawn mower. Mr. Mills retired in June this year.

Side Glances

(Continued from Page 3)

also took in the Laurence Welk show when it appeared recently in Cleveland.

The latest Musicarnival hit "Mr. Wonderful" was very enjoyable, to Dolly Kalman. Dolly missed only one of the summer stock series in Cleveland this summer.

Good luck to Stephen Cunn, Jr., who left September 13, for Pittsburgh and the U.S. Navy. Steve is from Lake Milton and is a son of Stephen Cunn, Sr., Department 34.

Ordnance Staff

Lt. Col. T. M. Scott, Jr., attended the Depot Commanders' Meeting held in Philadelphia the week of September 16. Maj. Richard Cameron and family vacationed in Michigan for a week, after which Major Cameron attended a two-week Top Management Seminar.

A farewell party honoring Edna Collins and Ruth Tontamonia was held in the Recreation Building, September 13. Both guests received lovely ensemble gifts.

Mr. and Mrs. E. C. Weyrich recently entertained her son, Major Huston and family, for a week. Major Huston is Commanding Officer at the Aberdeen Depot.

Elmer Canfield visited in Washington, D.C., for a few days, while F. F. Fludine spent a week traveling. Earl Barnett journeyed to Chicago to see his father who had arrived there from California.

Among the "home" vacationers were Lillian McConnell, Janet Witherstay and Ralph Lewis. Simpson and Hazel Proctor reported the fishing was very good near Meaford on Georgian Bay. The Ray Bartons and the Chuck Branfilds were among the Labor Day Weekend visitors at the Canadian National Exhibition, and Jim Cooper took two weeks' vacation chiefly to spend more time on his law studies.

Welcome back to Connie Sylvia. Connie is now taking over the duties of teletype operator. A speedy recovery is hoped for Marjorie Utt's father, who recently suffered a heart attack, and for Ruth Tontamonia's mother who is ill. Our deepest sympathies are extended to Mary DeCavitch and family on the recent death of her father.

General Stores

Mary Lewis and husband used their vacation time to paint their home. Welcome back to Francis Seiple who has returned to work following an operation.

Virginia and Andy Wancik and son motored through Canada on their vacation trip and stopped to see the Ford Museum in Michigan on their way home.

The Warren Nelman family enjoyed swimming and sightseeing at Virginia Beach. They also motored through the Blue Ridge Mountains and took the Skyline Drive.

Mr. and Mrs. Stuart Tyrie and sons had a nice motor trip through the Southern states, while Dorothy and Sam Delaquila were at the Music Dealers Convention in New York City. Washington, D.C., was the vacation spot chosen by the W. D. Goff family.

Depot Area

M. J. Parker, U-4, and wife, Margaret of Stock Control, are presently enjoying a three-week tour of the Western states, including California. John Hoard, Jr., used part of his vacation to attend the Baptist National Convention which was held in Denver, Col.

Charles Darrah journeyed to the southern part of Ohio where, among other things, he visited the Marietta Fair. The last time he attended this fair was 51 years ago and that time he arrived in Marietta in a horsedrawn buggy!

Robert Derr, Statistics and Records, and his family had a pleasant visit in Buffalo, the former home of his wife, Pat. Isiah Marshall was ill for a time last month but is feeling better now.

Mrs. O. C. Horner, mother of Mike and Ivan, entered Robinson Memorial Hospital September 9 and is very ill. O. C. (Pop) Horner was a saw filler at the Carpenter Shop until he retired.

A. M. (Pete) Richards visited in Chambersburg, Pa., early this month and called on Paul Bellard and Grant Higgins, both formerly employed here.

Wilbert Rogers and son, Gary, enjoyed a trip to Colorado and Utah during August. Jestin (Mike) Horner and his wife also spent three enjoyable weeks touring the West. Ben Bradley spent Labor Day weekend fishing in Michigan and reports a good catch.

Earl Stonestreet is on the job in the Depot again following a six weeks' course at the Ammunition School in Savanna, Ill. The Dick Garman family are presently on their way to California.

Melvin Horning, U-7, had a pleasant week's vacation in Michigan. In Warren Green Cross Hospital for treatment of an ailing leg is Lewis Kooztz, U-14.

Our sincerest sympathy is extended to Minor D. Koplin whose wife passed away on September 1.

Get well wishes are sent to Wilbur Fullum who has been on the sick list for several weeks. Using his vacation time to paint his home was Tony Gumino, while Joe DiMauro caught up on odd jobs around the house. The Bill Cole family motored to Bainbridge, Md. last weekend to see their son, Jack, who recently enlisted in the Navy.

A hearty welcome is extended to Paul Walker who has joined the maintenance staff. The Henry Altman family just returned from a tour of the southern states, while Clarence McElroy chose Atlantic City as his vacation site.

Other recent vacationers include Harvey Parks and Willie Purnell who enjoyed spending their time working around their homes.

John Hopkins and family spent a week in Canada fishing and enjoyed the Canadian weather, while Leo Moneypenny and Howard Miller took Ohio vacations.

A speedy recovery is wished for Carl Gibson's wife, Margaret, who was recently hospitalized.

Guard Force

Mr. and Mrs. Lon Bredon spent an enjoyable vacation at the home of their son, William, in Oklahoma City. Moving into their new home at Fairlawn in Ravenna took most of the vacation time for Gladys and R. B. (Bucky) Walters.

Get well wishes are sent to Clyde Keeler who is still confined at his home in Alliance after a month-long illness. The Hollie Vandale family motored to Parkersburg and Clarksburg, W. Va., where they enjoyed their vacation visiting relatives.

Chillicothe, Ohio, was the vacation site for Mr. and Mrs. Everett Everhart and family, while Kenny and Pat Cox enjoyed touring Kentucky and West Virginia. S. C. Casbourne reports there was

★ Sports Review ★

The Bolton Barn Softball squad, unable to field a team the first night of play, reorganized under the leadership of John Hank and Carroll Ruben and went undefeated through the rest of the season to capture the RAI '56 Softball title.

This is the second straight year the Bolton Barners have been in the Softball winners circle, last year having been co-champs of the league.

Transportation and Layaway crews, who placed second and third in the final standings, gave the BB players a race for their money through the first half of the season, however, personnel changes hampered their chances in the latter half.

All Arsenal Golf leagues have finished their schedules, except for the Comptrollers who, at press time, have not completed their playoffs. Their first place play-off will be between E. V. Crutcher and Ralph Bentz, winners of the first round, and Leo DiNuoscio and Harold Klett, second round winners.

First place in the IGA League went to Ed Tekely with a 42-18 tally for the season. Tony Gumino finished with a 30-30 stand to take second place in that league.

It was a fight to the finish for the championship of the Dubs and Duffers League, however, H. L. Sorensen and G. R. Sanders nosed their way into first place by one-half a point during the last week of play. Left holding the second place bag were Jim Slocum and John Talkowski with a season's tally of 72-36. Third spot in the D & D League went to R. C. Merrill and Paul Bognar.

Joe Siron nabbed the top position in the Engineering Golf League with a total of 24½ points. Jack Streeter placed second with 20 points and following close be-

hind in third place was P. J. Ryal with 19 points. Dick Melson was the winner of the Arsenalwide League with a 14½-3½ tally. Bob Hart captured second place with Dick Pardee one point behind him in third.

Final standings for the Golf and Softball leagues are as follows:

DUBS AND DUFFERS			
Team	W	L	
Sorensen-Sanders	72½	35½	
Slocum-Talkowski	72	36	
Merrill-Bognar	60½	47½	
Larcus-Nelson	59	49	
Readshaw-Lynch	57	51	
Plough-Huhn	48	60	
Babington-Carley	46½	61½	
Cameron-Weyrich	43½	64½	
Steigerwalt-Raeburn	43	65	
Anderson-Quade	38	70	

IGA			
Team	W	L	
Tekely	42	18	
Gumino	30	30	
Miller	40	20	
Ruble	32½	27½	
Mike	30½	29½	
Scott	28½	31½	
Lynds	27½	32½	
Taylor	25	35	

ARSENALWIDE			
Team	W	L	
Melson	14½	3½	
Hart	11½	6½	
Pardee	10½	7½	
Smith	9½	8½	
Metcalf	8½	10	
Tuhrman	7	11	
Shelton	6	12	
Dessum	6	12	
Leunberger	5½	12½	

COMPTROLLERS (Not Final)			
Team	W	L	
Crutcher-Bentz	71½	36½	
DiNuoscio-Klett	64½	43½	
Lynds-Tambures	59	49	
Hostettler-Horvat	54	54	
Krengel-Humphrey	51½	56½	
Gleason-Helmkamp	50½	57½	
Merrill-Williams	50	58	
Knapp-Seaholts	48½	59½	
Elliott-Lewis	47½	60½	
Wilkinson-Fox	43	65	

ENGINEERING			
Team	W	L	
Siron	24½		
Streeter	20		
Ryal	19		
Ridger	18		
Clabaugh	17½		
Weisend	16½		
Kohlberg	16½		
Readshaw	15½		
Pavlick	15		
Lynch	14		
C. Burns	13		
Wilkinson	12½		
Sanford	12		
R. Burns	9		

SOFTBALL STANDINGS			
Team	W	L	
Bolton Barn	11	1	
Transportation	7	5	
Layaway	6	6	
67th AAA Group	6	7	
Has-Beens	7	11	

good fishing at Ashtabula over Labor Day weekend.

The Louis J. Blake family enjoyed Labor Day weekend at the Allegheny County Fair at South Park, Pittsburgh. The feature attraction at the fair was the Pennsylvania State Police Rodeo. Mr. and Mrs. Leroy Spurlock and children recently visited in Milton, Ky. Milton and Cora Lee traveled 1,500 miles on their vacation tour of Indiana, Illinois and Kentucky.

Our deepest sympathy is extended to Donald Sheen and family on the death of his mother, Mrs. Charles Sheen, of Salem. Get well wishes are sent to Ray Byers' mother who has been confined in Salem Hospital. Touring the Florida coastline made an interesting and most enjoyable motor trip for Mr. and Mrs. Dave Fineman and children.

Production Planning

Mr. and Mrs. T. R. McEwen and family motored through New York State and Massachusetts, and enjoyed a few days in Boston visiting relatives.

Boating and swimming for a week at Lake Milton was enjoyed by Dorothy Waltz and daughter, Lana. Mr. and Mrs. Arden Nelson recently spent an evening in Pittsburgh where they viewed Cinerama.



The George Bakers of Ravenna boosted their number of grandchildren to four when little Mary Ellen McGinnley was born to Mr. and Mrs. Thomas McGinnley on July 16. Mrs. McGinnley, the former Margaret Baker, is the daughter of George Baker, foreman of the Machine Shop.

Congratulations to Mr. and Mrs. William Duhart on the birth of a daughter on September 9. They named their new addition Carroll. The Duharts also have a son. Mr. Duhart works in General Stores.



And as soon as we were married, I put my foot down. No more slaving at the office for me!

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Vol. 10, No. 3

RAVENNA ARSENAL NEWS

RAVENNA ARSENAL, INC., APCO, OHIO

September 1956

Responsibility is the price we pay for the right to make our own choices.

Today's Pioneers

The year 1956 will be a fateful one for at least 27,000 Americans. During this year, that many men, women and children in our country will become blind.

Already this handicap, in many instances a preventable one, has claimed some 334,000 of our citizens.

If You Are An Ohio Driver This News Important

A giant mechanization program has now been completed by the Bureau of Motor Vehicles in Columbus.

What This Means To You

1. You will be notified by mail of the approaching expiration date of your license. This will reach you about 30 days prior to that expiration date. (The first of these notices were sent out about September 4, for licenses expiring October 1, 1956.)

2. You will receive with the "Birthday Reminder" an application for renewal of your license. The application should be filled out completely and taken to a deputy registrar. Failure to submit your application before the expiration date will act to revoke your license. You will then have to take another examination.

3. If you are convicted of any traffic violation in a mayor's court, court of record, or by a justice of the peace — that conviction will be reported to the Bureau and will become a part of your permanent record — on file at the Bureau.

* * *

IMPORTANT — Be sure that the Bureau of Motor Vehicles has your correct address if you have moved since your last license was issued.

The "other half" is a job for the nation's research scientists, the unsung pioneers of America's last frontier. Ironically, though, our people annually spend little more than a penny each to support this fight against blindness. By contrast, they spend four times that amount on unprescribed eye lotions and eye cosmetics, and more than fifty times as much to care for our 334,000 blind people.

The dedicated men and women who solved the tragic riddle of Retrolental Fibroplasia (RLF) are constantly on the job to free our eyes from diseases which impair our usefulness to ourselves and our fellows. They merit the appreciation and support of each of us. We salute them now, during "Sight-Saving Month."

Verne Vandeenboom Wins \$200 For Turning In Good Ideas

Verne Vandeenboom, millwright from Garrettsville, got a nice increase for his billfold when he hit the "idea jackpot" three times for a total of \$200.

Mr. Vandeenboom's award of \$150 for a suggestion concerning splash plans was the top one approved when the RAI Suggestion Board met this month and approved payment of \$435 to 19 employees.

Mr. Vandeenboom also collected

\$35 for an improvement in mono-rail switches, and received an additional \$15 for a suggestion concerning scrap cans.

Tess Sabatini copped a \$25

Suggestion Day Set For October 29th

That day we've all been waiting for is almost here. Which day? Why, October 29, RAI Suggestion Day, of course! Ravenna Arsenal, Inc., will award extra cash for all good ideas which are adopted. And, by the way, wouldn't some extra cash come in handy with Christmas coming up?

Here's how every employee can take part in Suggestion Day: Obtain a suggestion blank from one of the many suggestion boxes located throughout the Arsenal, write down a good idea, seal the envelope, drop it into the suggestion box, and who knows? it might be a winner!

The goal for this 1956 S-Day is one suggestion from each employee, so put on that thinking cap right now!

Newton Falls, and Mrs. Myers lives in Ravenna.

* * *

REMAINING EMPLOYEES who received awards of \$10 each are: Darwin Leggett, tire repairman; Fred Reichelderfer, auto mechanic; Jim Murray, auto mechanic; Carl T. Bungard, photographer; H. R. Werner, Jr., investigator; Russell Klingerman, millwright; and Harry E. Stewart, millwright.

Also, Arla Hoover, explosive operator; Chalmers Jenkins, process inspector; Elbert Eckert, process inspector; E. E. Zink, laundry operator; Delbert Given, millwright; Clarence E. McKnight, service station attendant; and Earl C. Amos, chief storekeeper.

* * *

* * *



HANDFUL OF CHECKS — Verne Vandeenboom (second from left) receives three checks totaling \$200 for his good ideas which were adopted to save time and money. Presenting the checks is George Yocum, Plant Engineer. Looking on are J. P. Talkowski, Time Study Manager, and William Collins, millwright foreman.

Joining Car Pool Is Dramatic Moment in Employee's Life

A man about to join a car pool is approaching a dramatic moment in his life, an experience akin to marriage, his first child and the day he told off the boss.

He thinks it's just an ordinary decision. After all, what could be more routine than climbing into a car and riding to and from work with our other fellows?

What he doesn't know is that the car pool is devised by the psychologists.

Men who have been neighbors for years, who have worked together, hunted and fished together, played golf together, have stopped speaking when one of them drove off without the other at 7:09 because of a watch that was a minute fast.

The car pool has served a useful purpose since World War II's gasoline and tire shortage forced people to double up. Today, the car pool is one of the solutions to the traffic problem. And it enables a man's wife to have the car for shopping on certain days of the week and for performing other miscellaneous chores which cannot be done on foot.

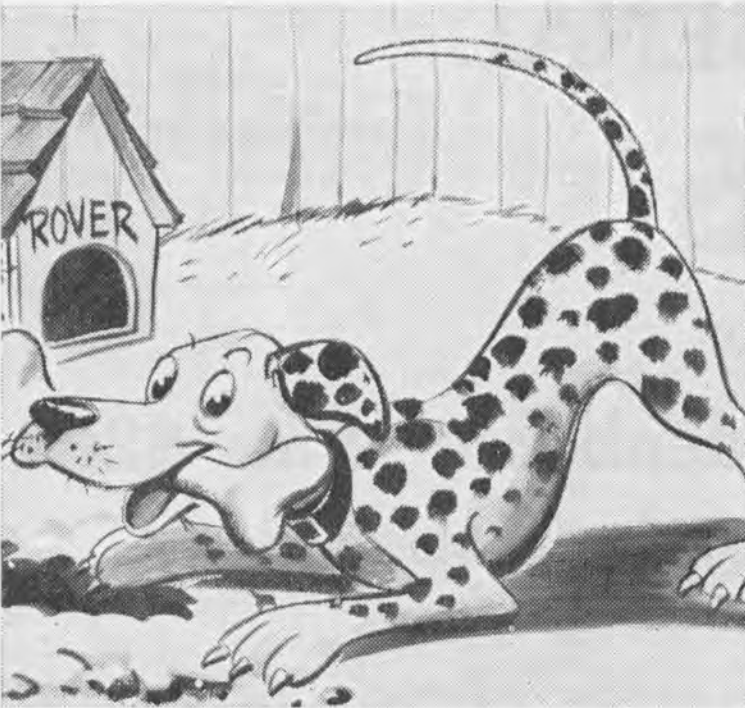
The car pool's greatest contribution, however, is in the field of human relations.

Man going out of his way to help his fellow man. People getting along with each other. If they can do it in a crowded, smoke-filled sedan at the crack of dawn, traveling down a highway with the radio going full blast, someone reading the morning newspaper aloud, someone snoring and someone singing, "Oh What A Beautiful Morning," then the United Nations has nothing to worry about.

—Based on an article appearing in U. S. Rubber Magazine.



SCHOOL BUS CHECK — Arsenal school buses are subject to inspection by the State Highway Patrol just as regular school buses are. Above, J. F. (Shorty) Hall, school bus driver, watches while Patrolman Richard McKenna from the Kent Post, makes sure the Arsenal buses are safe to carry children. As in every year past, the State Highway Patrol will do all in its power this year to be sure that children are transported to and from their school safely.



almost human, isn't he ?

Rover's learned that the best way to get where you're going tomorrow is to plan for it today.

We could all profit by Rover's example. For only by putting aside some of the money we're earning now can we ever hope to have enough for the big things we want in the future—education for our children, a home or business of our own, a fund for retirement.

And it's even easier to save money than it is to hurry a bone! There's absolutely nothing to do once you've signed your name on a Payroll Savings allotment blank right here at the Arsenal.

Best of all, the dollars you put into Savings Bonds will grow through the years. Rover's bone will still be just one bone when he digs it up—but every \$75 you put into Savings Bonds today will grow to \$100 in nine years and eight months. Start saving the automatic, systematic way right now!



SNAKES GALORE! Last week when a Roads and Grounds crew was cleaning a culvert, several dozen snake eggs were unearthed. Safety Engineer Jack Ruble, who was passing by, brought a handful of them back to the control lab. In little more than a few minutes baby snakes began to come out of the eggs. The newborn snakes are about six or eight inches in length and are brightly colored, and are thought to be some kind of water snake. The eggs from which they hatched are about one inch in diameter, resemble a mushroom, and are white.

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Learn A Lesson From Smithson; Keep Your Home Safe From Fire

When Smithson's house burned to the ground one day last winter, neighbors weren't surprised. They had expected it.

They knew Smithson was a u-fixer—one of their clan. But, oh! brother, was he careless.

They shuddered at the mention of his workshop: open paint cans on the shelves, oily rags strewn about, sawdust pilings on the floor. And the payoff: Smithson puffing away on a lighted cigar!

The miracle was that Smithson, his wife and two children weren't burned to death. It was only Smithson's luck, they commented. He'd taken the family to a movie that evening.

Smithson, however, isn't typical, thank Heaven! The average u-fixer working around the house and garage is neat, clean and careful. You'll find his home workshop rivals his wife's kitchen.

As with a lot of things in life there is a sensible middle ground in this field, and millions of householders operate happily there. They have learned their potentialities and, more important, have also learned their limitations.

A HOUSE is a valuable property, normally the largest single investment a family makes, and is accountable for a good part of the family's continuing expenses. It needs constant shepherding to safeguard values. This means that the basic fabric of the house must be kept in good condition.

It is here that the over-ambitious amateur can run into trouble, of two kinds. First, he can endanger his own safety; second, he can lay out money and time on projects that are better left to the experts — and frequently wind up in an expert's hands, anyway.

Builders, real estate men, mortgage lenders, health and safety officials agree that there are certain fundamentals about a home that amateurs should either leave strictly alone or approach with utmost wariness. Of course, an expert electrician can re-wire his own house, but ordinarily the electrician should leave the plumbing to a plumber.

FOR THOSE OF US who aren't really experts on anything but who enjoy working around the house, here are certain areas of

MISUSE OF ELECTRICITY causes the highest total dollar loss, according to the National Board of Fire Underwriters.

Most fires are due chiefly to overloaded or short circuits, often between the walls of the house. When a circuit is overloaded, or shorted, the wires heat up and unless there is a circuitbreaker or fuse in the line, a fire may result.

The average 15-or-more-year-old house, and many a newer one, has inadequate wiring. This is because a complete laundry in any

FIRE PREVENTION WEEK • OCTOBER 7-13

have been added, including washer, dryer, and ironer. Perhaps an attic fan may have been installed; or a percolator, dishwasher, refrigerator, mixer, broiler and several other appliances may have been added to the kitchen circuit, and a television set to the living room line. All of these take many more amperes.

You may think you're sufficiently skilled to make some of these installations, but it's smarter to have major electrical work done by a licensed electrician. He can install separate lines where needed, and make your house safe from fire.

If Smithson had been a little more careful his house wouldn't have burned to the ground. But, then Smithson didn't read this article and didn't know what some of the more dangerous hazards were. You do.

Thayers Celebrate In September

September has been a busy month for Patrolman and Mrs. Ivan L. A. Thayer.

Patrolman Thayer and his wife, Leona, have had good reason to be busy this month, since both celebrated birthday anniversaries on September 4, and their silver wedding anniversary was the 14th of this month.

Then to add to the festivities, the Thayers flew to Chattanooga, Tenn. for a grand vacation trip. They stopped in five states and while in Tennessee, stayed atop Lookout Mountain.

Night Blooming Cereus Blooms For Mrs. Burns



Few people in a lifetime are privileged to see the glorious blossom of a night-blooming cereus. This is primarily because this temperamental member of the cactus family seldom blooms!

The cereus pictured above belongs to Mrs. C. J. Burns (mother of Roger, Engineering, and wife of C. J.) Railroad General Foreman). Mrs. Burns started this plant from a leaf over six years ago.

Many times in those six years she has been on the verge of throwing the plant away because it never bloomed. The plant from which she got the leaf, by the way, has never bloomed.

However, on August 29 about 11 p.m., when Mrs. Burns watched a giant bud slowly begin to unfold, she decided the plant was worth all her patience. The final bloom was pure white, of waxy texture and about one-foot wide. Sometime in the night the petals folded together again and by the next morning, the only thing that remained was the giant bud. Mrs. Burns said it is very doubtful whether the plant will ever bloom again.

Side Glances

P. E. & I. Division

Mr. and Mrs. John Kendall recently visited the Grant Higgins family at Chambersburg, Pa., and Grant asked to be remembered to all his friends at the Arsenal.

Enjoying Labor Day Weekend in Sandusky were Mr. and Mrs. Hugh Heritage . . . C. E. Hyer, Ammunition Inspector, is at home recovering from an operation.

Dwight H. Ringler, Chief Ammunition Inspector, successfully completed a three-week course on Ammunition Quality Evaluation, which was conducted at Savanna (Ill.) Ordnance Depot.

Transportation Division

Words cannot express our feelings on the death of Homer Zimmerman. After more than 15 years as an Arsenal employee, Mr. Zimmerman was a friend to everyone. His presence will be greatly missed.

Illness has once again called Glen Harper back to Robinson Memorial Hospital. It is hoped that he will have a speedy recovery.

The A. B. Paul family was happy to have their son, Robert, and his family visiting them for a week. Bob is serving in the Army and was home on furlough.

Enjoying Labor Day weekend in Cook's Forrest were Sally Payovich and her husband . . . Margaret Kaibas and Fred Cooper were among those who spent their vacations at home doing nothing more strenuous than loafing.

John Mayer and family enjoyed a trip to Portsmouth, Va., last month. While sightseeing, they went through the U.S. Navy Yards and were fortunate enough to see the largest United States carrier, The Farrestal, in dry dock. John and family also toured the Ticondaroga, another large ship.

Al Wasson has a beautiful show horse which he calls "Penny" and is planning to ride high in the saddle in the Garrettsville parade next month. Al belongs to the Newton Falls Indians, a horse club, and the group puts on some grand horse shows.

"Red" Straten used his week's vacation to build a new home for his daughter, while Jennette Bell and family enjoyed themselves at Pine Cove Lodge on the French River in Canada. Jennette says they caught a lot of fish, but none of bragging size!

"Shorty" Hall is on the sick list and is at Crile Hospital for a check-up . . . Eddie Leonard chose Florida as his vacation site and brought home two truck loads of watermelons in his sedan. If you don't believe this statement, Eddie has pictures to prove it. Some sedan!

We're sorry to hear Henry Jones had to end his vacation by being in the hospital with pneumonia . . . Ray Wells went sightseeing in the hills of West Virginia while vacationing.

Tom Grant's mother and father-in-law from Knoxville, Tenn., vacationed with him last month . . . John Mayer was very pleased by a visit from Joe Mull and family from Washington, Pa. John and Joe were good friends overseas in the last war.

Engineering Division

Welcome are extended to John Romanov and George Robertson who recently transferred to Engineering . . . Paul Braucher and Ed Lietzow are attending supervisors school in Joliet, Ill., this week. Paul recently returned from a sight-seeing tour of Washington, D.C., with his wife and daughter.

Mr. and Mrs. William Bowser and family spent a week at Camp John Owens' near Marion, Ohio, which is sponsored by the Ohio Conference of Churches. While there, Bill taught sketching to the adult class.

No serious damage was done by the bad storm a couple of weeks ago except wear and tear on muscles, reports Jack Hopwood, who lost two large maple trees. Since the trees fell across Hiram Road, blocking traffic, something had to be done right away and Jack was elected to do the "honors." However, "all's well that ends well" -- anybody want to buy a cord of wood?

Returning to school this month were Walter Wolfe who teaches in Hiram and Dick Pardee who has industrial arts classes at Windham.

Tony Stronz spent two weeks in the Adirondack Mountains, while Bill Collins painted his house. Visiting friends and relatives in Bethesda was Laurene Powell . . . Martha Ciprian was pleasantly surprised to discover an extra day in her vacation due to the Labor Day holiday . . . Andy Szabo used the long weekend to visit Boston and Watertown, Mass., and liked it so much he's going back again soon.

Jean Sechler spent her vacation at home "catching up" . . . Mike Kray is taking a day or two vacation at a time to complete a new addition to his home. The addition will be a combination recreation room and den.

Have you heard about the "heavyweight bout" going on in the Engineering Department? Charlie Kemp, Andy Szabo and Roger Burns are on diets. The loser of the most pounds gets treated to a yak dinner, however, the fellows have lost the same number of pounds so far.

Get well wishes are sent to C. W. Kemp's son who suffered a concussion after falling from the barn roof into the haymow on their farm in Medina; also to Charlie Pardee who is having a recurrence of an old surgical condition and is on the Space Heating sick list.

Combining business with pleasure Art Kohl spent a week at the Columbus State Fair, checking new developments in farm and industrial equipment. A yearly visitor at the fair, Art brings back many useful ideas and suggestions to help him in his work and in his hobby, which is farming.

We have a bonafide pilot in our midst and didn't know it. Buford Jones of the Powerhouse flies his own airplane and just returned from a long trip to Minnesota and then to Rochester, N.Y. and Danville, Ill., where he visited his wife's relatives. He reported lovely weather all the way.

Mel Horning vacationed in Michigan, while Mike Horner went West, visiting Yellowstone National Park, and traveled over 5,000 miles in all . . . Melton Matthews spent three weeks visiting Nova Scotia and points West . . . Hurdie Parsons also toured the West, stopping briefly in Arizona and then on to California.

Denver McClain visited relatives in West Virginia, and Ray Knapp went to Michigan . . . Ray Marvin toured the New England states and stopped for sight-seeing in Washington, D.C. . . . Another visitor at the Columbus Fair was John Dalrymple. John and his wife

(Continued on Page 4)



SILVER WEDDING — Mr. and Mrs. Lester Rossow of Ravenna, celebrated their 25th wedding anniversary at their home on Sunday, July 15. A traditional "open house" was observed as the couple received about 100 friends and relatives. A most pleasant and unexpected surprise was the arrival of their son, Airman 1st Class Leon, here from Lubbock, Tex. Mr. Rossow is an employee at the Carpenter Shop.

Weddings

LEACH-VERBOSKY

The Christian Church in Newton Falls was the scene of the marriage of Miss Joyce Elizabeth



Leach to Richard Verbosky, both of Newton Falls, on August 4.

Reverend Geyer performed the ceremony, after which the couple left for a week's honeymoon at Niagara Falls. Mr. Verbosky, an RAI painter, is now working on the Layaway Crew.

WALKER-WEST

Saturday evening, September 8, in the Freedom Congregational Church, Miss Beverly West be-



came the bride of Airman 3rd Class Roy Walker of Windham. The bride is the daughter of Patrolman and Mrs. Norval West of Freedom and the groom's parents are Mrs. Florence Walker

In Memoriam

H. E. ZIMMERMAN

Homer E. Zimmerman, 63, RAI car repair foreman, died suddenly Saturday evening, September 1, at his home in Kent, on the eve of his birthday anniversary.

A Kent resident for 30 years, Mr. Zimmerman was born September 1, 1893 in Somerset, Pa. He was a member of the Eagles lodge, a veteran of World War I, and a member and assistant superintendent of the United Brethren Church in Somerset.

Surviving are his wife, Sadie J., and two half-sisters. Services were held September 5 in Kent with burial in Standing Rock Cemetery.

Honor Roll

Congratulations to the following RAI employees who received five-year service pins during the month of August.

- Department 31: Fred A. Scheffler
- Department 51: Paul K. Dustman
- Department 54: John E. Kohlberg
- Department 74: L. A. Stewart
- Department 195: Harry Swords

Any Changes?

Moved lately? Had an addition to the family? Got a new telephone number? Get married in the last few weeks?

This is pertinent data which is important to both you and the Company records. Anytime there is a change in your personal status, please notify the Employment Department immediately. Don't put it off, because it can save you a lot of headaches.

"I didn't get my newspaper last month!" . . . "you haven't got me listed for three dependents" . . . "But, you know I got married three months ago. Didn't you read about it in the paper?" . . . "But, my insurance should cover it." . . . Famous last words.

If this article pertains to you, please remedy it at once.



SOUP FOR BREAKFAST—If your children aren't good breakfast eaters, perhaps it's because they're tired of the sameness of breakfast fare. September is Better Breakfast Month, and it's a good time to experiment with some new breakfast ideas.

The little girl above is ready to go to school with a nice warm feeling in her tummy, because she is having a nourishing breakfast of soup, toast, and cereal and fruit. Soup is a good energy builder—try it for breakfast soon.

Side Glances

(Continued from Page 5)

West Virginia and Michigan. After spending a few days at the home in Mrs. Hicks' parents in Detroit, they drove to the home of Mr. Hicks' parents in Sulphur Springs, W. Va., where they helped his father celebrate his 89th birthday anniversary.

Mr. and Mrs. W. F. Heckman's vacation trip took them to Chicago, Atlantic City, Pittsburgh and New York City. While in Atlantic City they attended the "Miss America" contest.

John Hawk vacationed in New York and Pennsylvania, while Walter Onstott drove to Northfield, Minn., where he visited a historic landmark where the famous outlaw Jesse James operated . . . James Dickson and family toured the southern part of Ohio on their vacation.

Medical

Dr. A. L. Knight's parents from Fort Sill, Ark., visited him and his family for two weeks and will return for another visit after a tour of Eastern Canada. Dr. Knight recently attended the annual meeting of the Industrial Medical Association in Pittsburgh.

Jane Lawrence and husband, Ray, enjoyed a two weeks' vacation touring the southern states with Florida their destination. In Florida they visited Marineland, Cyprus Gardens and St. Augustine.

Ordnance Staff

Maj. R. C. Cameron and family enjoyed a week's vacation in Battle Creek, Mich., visiting his parents and brother . . . Tom Brown attended school at Camp Gordon, Ga., for two weeks after which he vacationed for two weeks in the South.

Jim Hensley has returned to the Arsenal following a three-week course on Ammunition Quality Evaluation held at Savanna (Ill.) Ordnance Depot . . . Paul Daly has accepted temporary duty in Vietnam for about seven months as a member of the Mobile Training Team . . . While vacationing in Washington, D.C., Simpson and Hazel Proctor visited the Joe Heffrons who sent regards to their many friends here.

W. P. Flasher vacationed for a few days and spent the time building an addition to home to take care of the new addition to his family, namely little Debra.

Steve Theis had the misfortune to spend his vacation recuperating and repairing after an automobile accident in Newton Falls . . . Other vacationers were George Halstead and family who toured Canada, and Mable Barholt and husband who enjoyed a visit in Buhanon, W. Va.

We're glad to see Florence Dingley and Agnes Marshall back to work after their recent illnesses . . . All the girls in Ordnance are looking forward enthusiastically to attending the Ice Capades for the Women's Outing.

Operations Division got off to a bad start the first week of October with Ray Barton fracturing his wrist, Carl Thomas with a lame back and Lillian Youell having to go to the hospital for a rest (?). However, the following week all were back on the job.

Conservation Club News

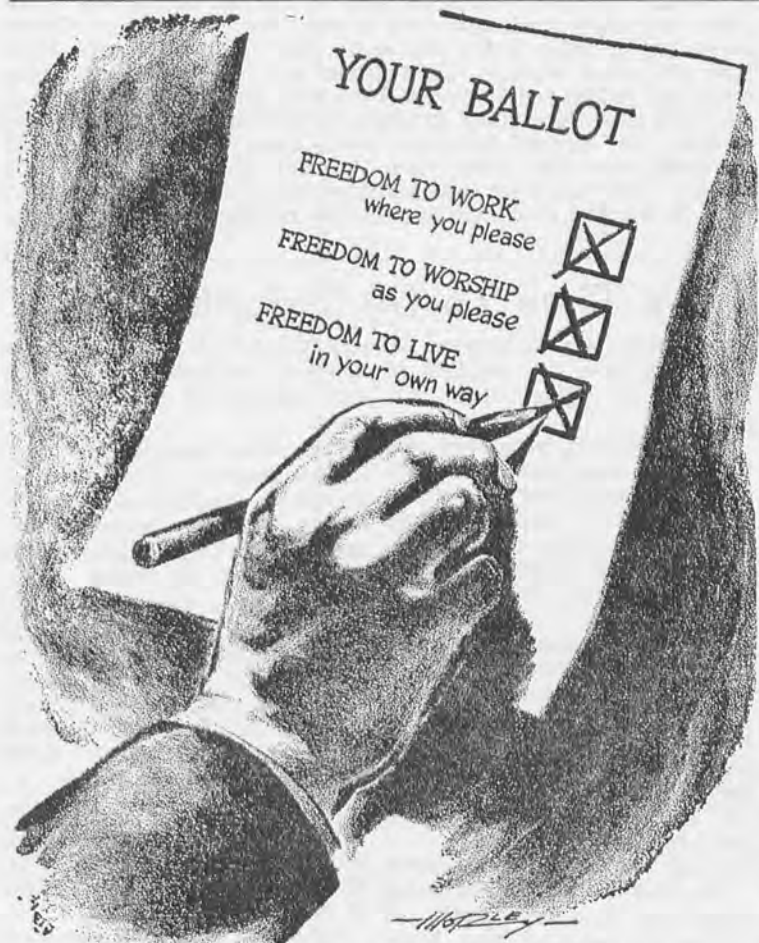
Conservation Club members who were elected to offices at the Club's September 7 meeting are Jack Streeter, President; Roland DeUnger, Vice-President; Robert Tafel, Secretary; and Pete Lynds, Treasurer. Bill Carroll, Jim MacKeage and Bob Merrill were elected to the Council.

Game wardens and deputies appointed by the Commanding Officer, are as follows: Area 1, Duke Turner, warden; Earl Stonestreet, deputy. Area 2, Tom Brown, warden; Arch Graham

and Pete Lynds, deputies. Area 3, Jack Streeter, warden; Jim MacKeage, deputy; and Area 4, Gib Griggy, warden; Tom Mellesky, deputy.

Any person desiring to go hunting, should first contact a warden or deputy and have his name placed on a hunting roster (10 names to a roster) prior to the day of hunting.

The hunter must check in and out in person at Guard Headquarters before and after hunting. Telephone calls will not be accepted.



UNITED FUND COMMITTEE — Here are the members of the Ravenna Arsenal labor-management committee for the United Fund Drive. Seated, left to right, are Fred Fair, Chairman of the Brotherhood of Locomotive Firemen & Enginemen Local 680; Simpson Proctor, Ordnance Public Information Officer; R. C. Merrill, Assistant Production Manager; H. L. Sorensen, Industrial Relations Manager; J. C. Duer, Engineering Manager, and A. H. Dessum, Stores Manager. Standing are Earl Bartholemew, Brotherhood of Railroad Trainmen Local 1087; L. E. Lynch, Transportation Manager; William Davis, Vice-President of the United Steelworkers Local 4581; Jerome Vinson, United Steelworkers President; and Hugh Clagget, President of the International Brotherhood of Electrical Workers Local 810.

Not present for the picture were H. M. Krenzel, General Manager and Chairman of the committee; E. S. Thorn, Inspection Superintendent, and J. B. Rubins, Comptroller.

Weddings

FIELDS-JACOBY

In an impressive candlelight ceremony September 8, at the Edinburg United Church, Miss Mary Ann Jacoby became the bride of Gerald Clark Fields. The bride is the daughter of Mr. and Mrs. Clarence A. Jacoby of R. D. 2 Ravenna, and Mr. Fields is the son of Mrs. Anna Fields and the late Joseph Fields of Hiram.

Reverend William Hastings heard the couple speak their vows before the altar decorated with palms, gladioli and mums, and candelabras.

The bride, given in marriage by her father, was radiant in a ballerina-length gown of white lace over taffeta, fashioned with a scalloped neckline and cap sleeves. A white satin cap trimmed with pearls and iridescent beads held in place her fingertip veil of illusion. Both the dress and the veil were hand-fashioned by the bride. Her only jewelry was a string of pearls, a gift from the groom. She carried a cascade bouquet of light pink roses and white carnations.

Following a reception held immediately after the ceremony the newlyweds left for a honeymoon trip through Virginia, Maryland and Pennsylvania. They are now at home at Fair Acres Trailer Court, R. D. 2 Ravenna. Mrs. Fields is employed in the Arsenal Time Study Department and her husband is employed at Samuel Moore & Company, Mantua.

New Arrivals

Congratulations to Mr. and Mrs. Walter Eichelburger on the birth of a son on September 30. Their new son weighed 5 lbs. 8 ozs. and has three brothers and two sisters at home. Mr. Eichelburger is a hi-lift operator in the Depot.

A son, Robert Charles, was born to Mr. and Mrs. Jean Seckman on September 26. The mother, formerly Beverly Rogers, is the daughter of Wilbert Rogers, munitions handler foreman.

Belated congratulations to Mr. and Mrs. Richard Spencer of Hiram on the birth of a daughter, Tracy Annette, on August 25. The Spencers also have another daughter and a son. Mr. Spencer is a Depot planner.

Mother Drives A School Bus!

John Slider, auto mechanic at the Main Garage, is quite proud of his pretty wife, Carol, as well he should be.

With a home and three children (plus John) to take care of, Mrs. Slider has found time to invade the men's world and drive a school bus for the Southeast Local School District. And, she is serving her second year as a sub-mail carrier for the Deerfield Post Office for whom she covers a 40-mile rural route.

A WIZZARD behind the wheel of almost anything that moves, Carol insists most women can and do drive as well as men.

She now works four hours daily driving six runs for the Deerfield Elementary School and Southeast High School. Deerfield Principal Fred Hofer admires Carol for bringing better discipline to the school bus. Mr. Hofer feels children are more likely to listen to a



woman, particularly when they know she has youngsters of her own.

The Slider's children — Kay Lynne, nine; David John, two; and Cheryl, one — are also quite proud of Mommy. The Slider family makes their home at R. D. 1, Deerfield, and John has been an Arsenal employee since January, 1952.

Lipstick Is Key

(Continued from page 5)

lerina or a film star, but your strong likes and dislikes would make you a formidable critic.

A rounded plateau means you are adaptable, witty, even-tempered, hate gossip and sympathize with both sides of an issue. Such qualities are sure signs of success for nurses and social workers, but tend to hamper fashion designers and advertising people.

All of us make enough mistakes that we can well afford to forgive the honest man who blunders occasionally.

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RAVENNA ARSENAL NEWS

Vol. 10, No. 4

RAVENNA ARSENAL, INC., APCO, OHIO

October 1956

All-Synthetic Rubber Tires Meet Army Requirements

Army Ordnance has completed tests on all-synthetic rubber military truck tires which shows that the nation no longer need be dependent on imported rubber in a national emergency. This important news was announced by Harvey S. Firestone, Jr., Chairman of The Firestone Tire & Rubber Company.

Speed Change Is Explained

A lot of people are confused about the new speed limit for Ohio which became effective October 1.

Portage County Sheriff Robert Stockdale has attempted to eliminate some of the confusion by explaining the new law.

The two changes made were: On all roads outside cities or villages the speed limit has been raised from 35 to 50 miles per hour on those parts of the road outside urban districts. What is an urban district is the big question in most motorists' minds, Sheriff Stockdale said. Here's how he explains it: "If, in a city or village, there are within a distance of 1,320 feet 14 structures on the same side of the road, an urban district exists when the proper speed limit signs have been erected. "An urban district extends beyond this minimum distance if structures continue at the spacing of one per 100 feet."

ON STATE ROUTES within cities and villages the speed limit has been raised from 35 to 50 miles per hour on those parts of the road outside urban districts.

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The success of commercial and military tests of Coral rubber fulfills a promise by Firestone scientists made when the new synthetic was first developed that it would perform like natural rubber.

United Fund Seeks \$12,500 In First Arsenal Campaign

The 1957 United Fund campaign, Ravenna Arsenal's first UF Drive, opened on October 15. Goal for the combined charities fund request will be \$12,500.

The United Fund has been under consideration for some time by Arsenal officials and was put into effect this year to eliminate the numerous charity drives. It will be administered by a labor-management committee with H. M. Krenzel, General Manager, as Chairman.

(Labor - Management Committee Pictured on Page 3)

In order to make our first United Fund Drive a success each employee has been urged to give his or her FAIR SHARE. A FAIR SHARE, as designated by the United Fund, is a gift of \$13 for an hourly worker, or over \$14 for salary.

Those employees who pledge a FAIR SHARE will be eligible for the drawing of three prizes totaling \$50 in merchandise, which will be contributed by the Company.

The Ordnance Corps, although restricted from making payroll deductions will also contribute on a FAIR SHARE basis. Ordnance employees making or exceeding the minimum donations will be given a FAIR SHARE card and the opportunity to participate in a drawing for a prize to be furnished by the Civilian Welfare Fund.

The Company will submit em-



ployees' contributions on a quarterly basis to the charitable organizations in the town and county selected by each employee. Contributions will be reported to the various agencies based on their proportionate budgets for the year. CHARITIES RECOGNIZED under the United Fund plan are the Community Fund, Red Cross, Cancer Fund, Heart Fund, March of Dimes and Muscular Dystrophy.

Suggestion Day Set For October 26th

Your enthusiastic response to Suggestion Day in the past three years has convinced us you want it. So, Monday, October 29, is the big day — S-day.

Put on your thinking cap right away! There's extra cash for you in those good ideas which are adopted. And, it's easy — just write 'em down and drop 'em in one of the many Suggestion Boxes located throughout the Arsenal.

You have nothing to lose and money to gain. You can get an award to help pay for Christmas presents, or that portable television set you've been wanting, or maybe for some new fishing gear. Put your ideas to work for you. A minimum of \$10 is paid for any suggestion.

You don't have to be a genius or an inventor to have worthwhile ideas. Your own job is a good place to start looking for suggestions. Is there an easier way to do it? A safer way? Can you reduce waste? Any better way to do a job is a SUGGESTION.

EMPLOYEES needing help in putting their ideas in writing should contact their supervisor—he'll be glad to help. Also, if you

submit your idea the Suggestion Department will get the technical aid.

One Idea From Every Employee Inclosed with this issue of the NEWS is a Suggestion Blank for the convenience of employees to participate in the Arsenal's Suggestion Day, October 29.

Many times a blank is not handy when ideas occur and they are forgotten. Make good use of this one, it may bring you some money!

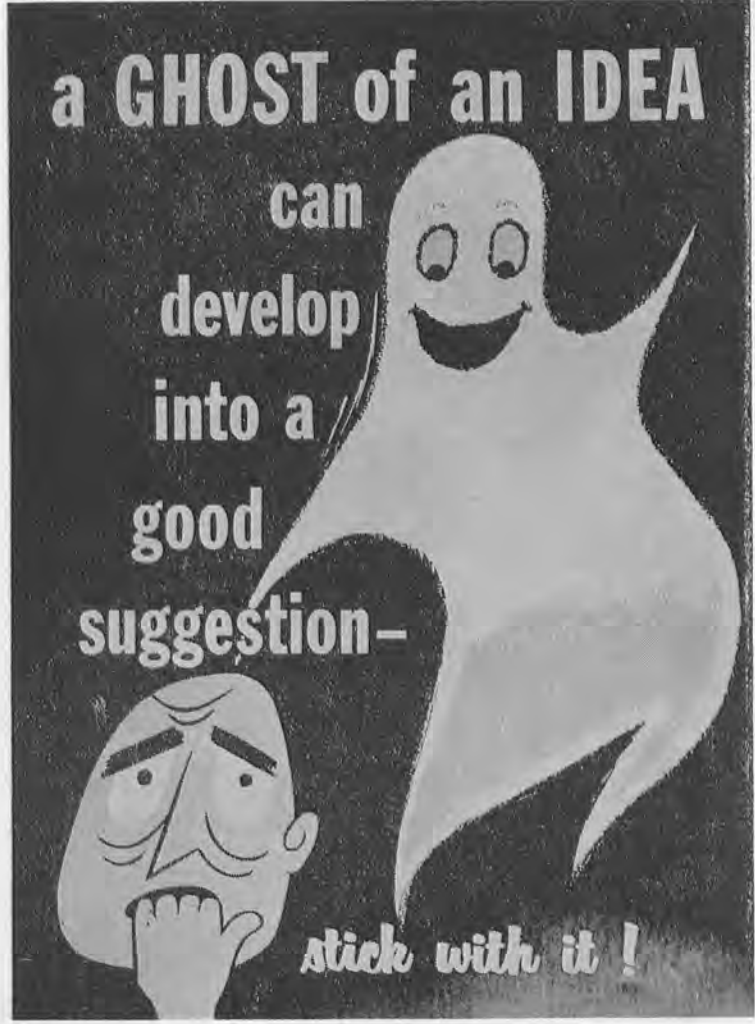
Additional blanks may be obtained from any of the Suggestion Boxes located throughout the area.

The inclosed blank is intended to serve both as a convenience and a reminder to all employees to take advantage of the RAI Suggestion Program on October 29 and every other day in the year.

HELP YOUR SUGGESTION SYSTEM HELP YOU!

TO ALL RAI EMPLOYEES:

In the past five years Ravenna Arsenal, Inc., has been recognized as a leader in the ammunition industry through the development of better methods. Many of these developments have been a direct result of constructive suggestions submitted by you and your fellow employees. Your job is important in helping us maintain and improve our position. Your knowledge and experience on your jobs place you in the best position to make suggestions to improve the methods and equipment and to perform the job. We sincerely ask that each of you will submit your suggestions to help us continue to progress; and in so doing, you may join the growing list of award winners who have shared in more than \$15,000 given for suggestions awards. H. M. KRENZEL GENERAL MANAGER



March To World Freedom



Americans will join the citizens of 76 countries in celebrating the 11th anniversary of the founding of the United Nations on October 24. The annual observance of United Nations Day is a demonstration of our faith in, and support of, man's best organized hope to substitute the conference table for the battlefield.

As the 76-nation world organization enters its second decade, President Eisenhower has called on all Americans to contribute to a better understanding between nations and neighbors, "a sheer necessity" with the development of nuclear weapons.

MEANWHILE, THE UN has already taken many steps "to save succeeding generations from the scourge of war." It has settled disputes that threaten world peace; it has stopped local armed conflicts that might have become widespread; and it has actually met and successfully repelled open aggression.

October 24 is gaining universal recognition as one of the most important dates in the history of mankind. It was on this day in 1945 that the UN officially came into being with the majority of 51 participating nations ratifying its charter.

In 1947, the UN General Assembly resolved that United Nations Day would be devoted to making known to the peoples of the world the aims and achievements of this world body for peace.

Myth Or Missile?

Maybe the Russians now have, as they claim, an intercontinental missile. Maybe they don't. But one thing we know. They do have more than 1,000 long-range bombers capable of striking at any part of the United States, at any time, from any direction.

And while they talk about missiles they go right on building still more bombers—which give us a tip on what is real and what is myth. An intercontinental missile will be just one more powerful modern weapon. There are others just as deadly. They have them. We have them.

Right now, according to the Secretary of the Air Force, the main threat to our security is the Soviet bomber and it will be for some time to come.

So let's keep our eye on the ball in today's game. And there is one way in which civilians can help our military forces do this. That is by joining the Ground Observer Corps as volunteer civilian plane spotters. No experience is required, just a few hours spare time each week, a chance to meet and work with some of the finest people in the community. And it's so easy to join the GOC. Just call Civil Defense.

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P. E. and I. Division — Millie Miscovich, Rose Duganne.

49 Pints Of Red Cross Blood Save Arsenal Woman's Life

Forty-nine pints of blood. That's what it took to keep Mrs. Mildred Matchett alive.

It is to these nearly half-hundred blood donors and and medical skill that Mildred owes her life.

Mrs. Matchett, better-known to Arsenalites as "Millie," is employed in the Payroll & Financial Accounting Office. She has behind her a case history unprecedented in medical annals.

"No one knows how grateful I am for the existence of the blood bank. I owe my life to it," Millie said. "If the blood bank had not been there in the hospital waiting I would have been dead before the 15 needed donors could be called in."

FOLLOWING pregnancy complications Mrs. Matchett, 32, hemorrhaged for seven days, losing blood almost as fast as it could be pumped into her. By the time it was stopped the Robinson Memorial Hospital supply of blood was at an all-time low of three pints.

All in all she had three complete changes of blood. A high fever and a condition that put her blood on the rampage caused clotting.

To complicate matters she is allergic to blood. The first transfusions sent her into chills and shock. Later transfusions had to be treated with special medication.

SHE HAS BEEN DUBBED by the hospital staff as "the bleedingest woman alive." The doctors said they had never heard or seen a case like Mildred's and hoped they never would again. It was almost impossible to operate.

A year ago she had a related experience. She suffered an in-

Will you remember what saved Millie's life in December when the Bloodmobile comes here seeking more life-saving blood? If you have given blood before, perhaps it was a pint or several pints of yours that saved Millie's life.

If you haven't given blood, please find it in your heart to do so when the Bloodmobile comes again. It may be your life or the life of your co-worker that you save with your blood.

ternal hemorrhage this time following an abdominal operation. In the post-operative checkup the nurse could find neither pulse nor blood count. She was rushed back to the operating room and found to be bleeding inside. She was resuscitated with four pints of blood at that time for the five she lost.

MILLIE is a good example of the need of the Red Cross and hospital insurance.

The blood bank, supplied by the Red Cross, was ready and waiting when the need came. The bloodmobile visits to Portage County cost the Ravenna Chapter \$5,000 to collect and process the blood from the hundreds of local volunteers.

Millie's hospital bill — which was huge for seven and one-half weeks of hospitalization and more than \$1,000 in medication — was taken care of by the Prudential Insurance Company through the Arsenal's group insurance plan. Millie has worked here for several years.

The worry and burden of finan-



IT TOOK THIS . . . to save Mrs. Mildred Matchett's life . . . 49 pints of blood. The blood bank was all but exhausted when she started to revive.

cial strain was alleviated because of insurance and she could concentrate on getting well.

SHE was never without encouragement from friends. During the almost two months she always had flowers in her room and J. K. Bentz, Millie's boss, called daily and reported to her co-workers.

When the blood bank's supply went toward zero from the unprecedented demand donors were recruited locally. They came willingly from the filling station her husband, Joseph, manages in Kent and from the Kent police station. Her mother's blind sister, Virgie Wilson, got others by phone from her church and William Shorts of Ravenna recruited through the American Legion.

"I feel very good and like an unofficial member of the United Nations," Millie said. "With 49 pints of other people's blood I well imagine I represent a great many countries."

—Reprinted from
The Record-Courier

‘Nothing Any Of Us Could Do’

Most of us, reading the news reports of fatal automobile accidents, fail to grasp the full horror of these tragedies. Even the best of newspaper reporters, occupied with the necessary work of getting names and addresses of the victims, and the statements of witnesses and police, are unable to portray in words the stark terror of these scenes on the highway.

Richard Cunningham of Fair Oaks, Cal., recently was among the first to arrive at a three-car smashup on a California highway. In a letter to his father, Clarence Cunningham of the Sheraton-Mayflower Hotel staff, he describes the scene and his reactions:

"I had a really nightmareish experience Saturday evening that has been bothering me since. I went to the mountains with one of my friends here. On the way we were just east of the Aerojet road when we saw a tremendous burst of flame ahead of us on the road.

"We stopped and ran ahead to find three cars all smashed and burning. Al (my friend) drove back to call police and fire departments, so I was there for a minutes or two by myself before the next car arrived.

"It was really ghastly. Someone was still alive in one of the cars and screaming, but I couldn't get close to the car because of the fire.

"In one of the other cars' someone was trying to get out of the right hand door and another person and I were able to pull him clear. He lived for about 10 minutes, even though he was burning all over. We couldn't help him, but he kept yelling for us to go back and get his 'Darling' out of the car. By this time, of course, this was impossible.

"We just stood by and watched those cars burn. It was really a helpless feeling.

"We tried to put out the grass fire that had started without success (it burned 400 acres) and while doing this I discovered what was left of someone in the grass. The body was kneeling in a very natural position, without a head, and burned to a crisp. That just about finished me.

"The fire department arrived soon after and gave us portable water tanks and pumps to fight the grass fire.

"All six occupants of the three cars died in that mess. And there was nothing any of us could do for them."

Nothing could be done for these victims of this California collision and fire, it is true. But there is something all of us CAN do to prevent a repetition of this horrible tragedy:

Drive safely.

—Akron Beacon Journal

Side Glances

Transportation Division

Railroad Yards
Our sympathy to the C. J. Burns family on the death of his brother, Ed Burns, from Erie, Pa. Get well wishes are also sent to Mrs. Burns who has been ill.

Mrs. Charles Soules who is confined in Robinson Memorial Hospital, is now in favorable condition. Mrs. Soules has been in and out of an oxygen tent for the past three weeks and her five children, including a son stationed with the Army in Germany and a son who lives in Idaho, have remained almost constantly at her bed side.

Glenn Harper is now in the Cleveland Clinic where he underwent a serious operation recently. At this time the results and how he is progressing are not known . . . T. J. Mellesky is off work due to a back ailment . . . Recent vacationers include Homer Starkey who visited his family in West Virginia, C. F. Readshaw and Bernard Ashcraft, resting at home.

Main Garage
Johnny Stacy and wife traveled south for their vacation this year, visiting Washington, D.C., Richmond, Norfolk, Virginia. They stopped in Buckhannon to visit his brother and in Crue, Va., they visited the N.W. Railroad work shops.

Bill Gebhart and family spent two weeks vacationing in Arizona. Most of the time they visited relatives in Tuscon, but they also found time to visit former Arsenalite Steve Suhay and family. Steve moved to Arizona last year for his family's health.

Congratulations to Russ and Mary Lou Madonico who celebrated their sixteenth wedding anniversary on September 14.

Al Wasson and the Newton Falls Indians, a riding club, came home with second prize from the Garrettsville Homecoming parade.

H. H. (Jit) Harris and family are planning a trip to Washington, D.C. for their vacation . . . Julius Vargo traveled 4,000 miles on his vacation. He traveled to Hot Springs and through the Ozark Mountains to San Antonio, Tex., and took a lot of pictures of the beautiful scenery.

Al Rice came back from his vacation looking well rested after having spent his time planting and caring for flowers and visiting nurseries to add to his collection of many flowers.

Traffic Department
Mary Jane Hollenbach's little son, Buddy, came through with flying colors after a tonsillectomy recently at Robinson Memorial Hospital.

Bill Bowers had planned to spend a week vacationing in Washington, D.C., but was confined to his home with the flu. Better luck next time, we hope.

Comptroller's Division

A hearty welcome to Janice Bungard who has taken over duties in the Mail Room. Janice is the wife of Photographer Carl Bungard and she replaces Judy Grimm who is now attending Youngstown College.

Carolyn and Bob Lee recently motored to Detroit for a weekend. While there they toured the Ford Rotunda near Dearborn.

Gladys Vancura is presently recuperating from a tonsillectomy . . . Welcome back to Millie Matchett who was very ill for several months.

R. K. Bentz recently moved into his new home on Ganyard road in Akron. He and Mrs. Bentz were in Massachusetts to see their new granddaughter a few weeks ago.

Nick Tambures also moved into his new home in Warren . . . Donna Hoagland, formerly of Payroll, is now working at Firestone in Akron.

All of us in the Comptroller's Division extend our heartiest welcome wishes to J. B. Rubins, new Comptroller who has taken over the duties of E. V. Crutcher who has returned to Plant 1 in Akron.

Congratulations to Marge and Al Wysel on their first wedding anniversary which was October 3.

Depot Area

Julius Varga recently spent a couple of weeks driving to Houston, Tex., to visit his brother . . . Alonzo (Pappy) Ridenbaugh spent the latter part of September in the vicinity of his old home, Coshocton, knocking squirrels from their perches.

William McCall also enjoyed a nice vacation in Lavigne, Ontario, where he said the ducks were thick as flies. Unfortunately he had to leave the day that shooting season opened . . . Tom Bush vacationed this month visiting Detroit.

Richard Garman, U-7, left the middle of September for a scenic trip to California . . . On September 26 a large number of friends of Glen Taylor gathered for a steak farewell dinner at Carlos. He was not only the recipient of a good steak and trimmings, but received a nice gift in appreciation of his tact and patience while serving as Depot Assignment Clerk at the Arsenal.

Get well wishes are sent to Ernest Skilton's 81-year-old mother who has been quite ill in Robinson Memorial Hospital . . . We're pleased to hear that John Sprouse's wife has returned from the same hospital to their home in Mantua and is in good health again.

Josh Brown attended the Brown-Steelers football game in Pittsburg October 6th while Mike Garro spent the same weekend in Maryland . . . William Baird of U-12 is back to work after a vacation taking care of odds and ends at home.

Guard Force

Our deepest sympathy is extended to Kenny Cox and family on the death of his stepfather, Howard M. Jones of Akron . . . Get well wishes are sent to Milton Lee who recently underwent an operation.

The Norval West family motored to Niagara Falls recently where they visited their daughter and new son-in-law, Mr. and Mrs. Roy Walker . . . A real family vacation was had by Mr. and Mrs. Phillip Pope and children when they motored to Leon, Ky., to spend a week at the home of his parents. The second week they visited Mrs. Pope's parents at Weston, W. Va.

Frank Supek's weekend visit to his birthplace in Washington, Pa., turned out somewhat disappointing for he and his wife, Robbie, when they were unable to locate the house where he was born . . . A restful week at home was enjoyed by Francis Wolfe and Ralph Smith on their vacations.

The Frank Sears family spent their week's vacation touring West Virginia and Maryland . . . Mr. and Mrs. R. P. Hicks and children are home again after a three-week, 3,000-mile vacation tour of Ohio, (Continued on Page 6)

For Family Living

Lipstick Is Key To Talents And Characteristics

Do you have a secret yen to be a fashion designer? Secretary to a big business man? A kindergarten teacher? Oddly enough a glance at your lipstick tube might tell why you have these longings — and whether you'd be good in the role if you had the chance.

Psychologists, consulted by a leading cosmetic company, agree that the way you unconsciously wear down your lipstick reveals a great deal of your character. The lipstick analysis won't replace an aptitude test, but it may help show where your special talents lie. Just for fun, take one of your "broken-in" lipsticks and compare it with their analysis.

The plateau shows ambition, perseverance, disdain of trivia, extreme competence and a tendency towards abruptness. These are the characteristics of a brilliant surgeon or editor, but not a nurse or primary-school teacher.

An oval shows you're intelligent, practical, have a good sense of proportion, but are just a bit distant. These qualities are a help in law and journalism but a hindrance to novelists and children's writers.

A ROUNDED END means you are orderly, patient, cheerful, considerate, and have well-defined goals which you're confident of achieving. Because you're also thrifty and energetic, you'd make a fine secretary or banker — only a so-so-artist.

The slant shows you're versatile, creative, effervescent, but moody and somewhat unrealistic. You're the true artistic type but might find bookkeeping or secretarial work baffling.

A scooped end shows obvious thrift, but less apparent are your sensitivity, affection, love of travel and preference for "doing" rather than watching. Lucky the child who has you for a teacher or the drama group you coach, but woe to an office where you are chained to a desk.

A point shows you cherish accuracy, neatness, and the dramatic. You like chic clothes and surroundings, never hurry yourself into shoddy workmanship. Ideal outlets are photography and interior decorating, but steer clear of public contact and deadlines.

Wagon tracks show a complex personality. You like to appear perpetually light - hearted, but your inner self is serious, creative, intellectual. You're temperamentally fitted to be a great bal-

* * *



LIPSTICK STORY — Psychologists find that the shape of your worn-down lipstick is a definite clue to your personality: Above, plateau, oval, rounded, slant, scoop and point.



ELECTION DELICACY — Politics even moves into the kitchen with this delicious recipe for Election Day Cake. It is adapted from the original Hartford recipe served about 125 years ago.

Make Voting Special Event; Serve An Election Day Cake

"I heard you were coming, so I baked a cake." The traditional Election Day Cake, that is.

It doesn't matter whether you're Democrat, Republican, Whig or Tory, for Election Day cakes, first baked in New England about 125 years ago, were served to all who voted a straight ticket.

Election Day, back in the 1800's was the beginning of a week-long celebration of balls, parades and visiting from house to house. It was the custom to serve Election Day Cake to all those who stopped to call. Revive an old custom and make Election Day a special event in your house by serving this special, delicious cake.

Election Day Cake

1½ cups warm, not hot, water (lukewarm for compressed yeast)
2 teaspoons sugar
2 packages or cakes yeast, active dry or compressed
4½ cups sifted enriched flour
¾ cup margarine or butter
1 cup sugar
2 eggs
1 teaspoon salt
1½ teaspoons cinnamon
¼ teaspoon cloves
¼ teaspoon mace
½ teaspoon nutmeg
1½ cups raisins
½ cup chopped citron
¾ cup chopped nuts

Measure water into mixing bowl. Add and stir in 2 teaspoons sugar. Sprinkle or crumble in yeast; stir until dissolved. Add 1½ cups of the flour and beat well. Cover with a cloth and let rise in a warm place, free from draft, until very bubbly, about 30 minutes. Cream margarine or butter with 1 cup sugar. Add and beat in eggs. Combine with yeast mixture. Sift together salt, spices and remaining flour, and add to yeast mixture. Beat until smooth. Add and stir in fruit and nuts. Turn into a greased, lightly-floured 10-inch tube pan or into 2 well-greased loaf pans (9x5x3-inches) of two well-greased 1½ quart casseroles. Cover about 1½ hours. Bake tube cake at 375 degrees F. for one hour; bake loaves or casseroles at 250 degrees F. 60 to 70 minutes. Cool cake in pans five minutes. Turn out on cake rack.

It's Time To Go Toy Shopping

Toys that cater to creative activities will take the spotlight in Santa's new billion dollar toy pack.

This Christmas, youngsters will have more opportunities to learn by playing than ever before with purposeful kits geared to help solve the shortage of scientists, craftsmen and household help of the future, the Toy Guidance Council reports.

Electronics inspired a record variety of toys ranging from a brainy bug that turns when it bumps against an obstruction to an electronic switchboard that handles four calls, a broadcasting unit, and a miniature version of an atomic submarine's instrument board.

Do and Don'ts for Toy Shoppers
The toys under 1956 Christmas trees score high for education as well as fun this Christmas, if assistant Santas will take time to pick the varied types of playthings the youngsters on their gift lists need for all around development.

This advice comes from Edna Sheehy, professor of childhood education at Teachers College, Columbia University, who is chairman of the Toy Guidance Council's Advisory Committee.

"Don't leave toy shopping 'till the last minute and don't try to guess at ages of youngsters you plan to gift," advises Dr. Sheehy. "Do try to study, at your leisure, a list of children's play interests at different age levels which many stores have available.

"Do look at labels and instructions on toys you're considering, to double check age suitability. The main factor in toy safety is age suitability.

"Don't be afraid to give boys and girls the same kind of toys.

Arsenal Officials Attend Nuclear Ground Breaking

Lt. Col. T. M. Scott, Jr., Commanding Officer, and J. C. Duer, RAI Engineering Manager, attended ground breaking ceremonies for the new nuclear research laboratory which is to be erected at Plum Brook Ordnance Works by the National Advisory Committee on Aeronautics.

The site for the new laboratory, which was leased to NACA by the Ordnance Corps, is part of the large Plum Brook Ordnance Works which is presently in stand-by status and is a satellite of Ravenna Arsenal for maintenance. Ravenna Arsenal, however, will not be involved in the operation of the new laboratory.

* * *

ACCORDING TO Edward R. Sharp, Director of NACA's Lewis Flight Propulsion Laboratory, this new facility will represent a key link in America's search for the practical solution of harnessing nuclear energy to power the commercial and military aircraft of tomorrow.

When completed, the research laboratory will be staffed by about 150 scientific and support staff.

More than a billion dollars' worth of research equipment will be installed in order to study all types of modern aircraft propulsion. Completion of the new laboratory is expected within three years.

FLASH — Department 7, Railroad Operations, was the first hourly department to subscribe 100 per cent for the Ravenna Arsenal United Fund Drive. The employees are members of the Brotherhood of Railroad Trainmen and the Brotherhood of Locomotive Firemen & Enginemen.

Employees Attend University Of Akron

This year for the first time, RAI employees are able to go to college and further their education under a Company-reimbursement plan.

RAI, in cooperation with the University of Akron, now has a program whereby employees can attend classes at the University, and upon successful completion of courses taken in connection with their work, receive reimbursement from the Company.

Twenty-three Arsenalites took advantage of this new plan and are now attending evening classes at Akron U. Those who have enrolled for the fall semester are Ray Williams, Warren Nelman, Leo Moneyppenny, Bernard Kurlich, W. B. Thomas, S. J. Kramer, William Davis, L.A. Nerb, G. E. Cranston, F. W. Bissonette, L. H. Gourley, G. O. Henderson, Ralph Binckley, Larry Mike, Edgar L. Marken, and Alton I. Garrard.

Also, Harold D. Carter, R. T. Morgan, John L. Schuler, C. L. Sly, Mary Ann Siglow, Arden Nelson, and John S. Hopkins.

Arsenal Buildings Available For Sale

The Ordnance Corps at Ravenna Arsenal has made available for sale two houses and a barn. These buildings are located on the Arsenal proper and must be removed.

From time to time in the future additional houses and barns, garages and other structures, and land will become available for sale at this installation.

Interested persons are asked to submit their names and addresses to R. L. Barton, Headquarters Room 257, Extension 581.



J. B. Rubins Named Arsenal Comptroller

Appointment of John B. Rubins as Comptroller of Ravenna Arsenal, Inc., has been announced by H. M. Krengel, RAI General Manager.

Mr. Rubins succeeds E. V. Crutcher, Jr., who has been named Assistant General Credit Manager for the Firestone Company.

Mr. Rubins is a native of Kenton, Ohio, and was graduated from Miami University at Oxford, Ohio, with a degree in business administration. He joined the Firestone college training class in 1929 and worked in various accounting departments.

In 1945 he was assigned to the Firestone General Accounting Department and in 1951 to Subsidiary Auditing. He became Comptroller of the Defense Research Division in 1953 and held that position until his new appointment at the Arsenal.

Mr. and Mrs. Rubins live in Cuyahoga Falls. They have three children, John, 21; Robert 14, and Carolyn Jean, 10.

Arsenal Sets All-Time High In Manhours Safely Worked

Ravenna Arsenal's key mission has always been to produce the highest quality ammunition at the lowest cost under the safest possible conditions.

This, of course, is the ultimate goal of every arsenal. However, this installation is well on its way to realizing this goal with the establishment of a new safety record this year.

As of September 30, 1956, Ravenna Arsenal completed 425 days without a disabling injury.

During this period the entire plant worked almost three and one-half million manhours safely to establish a new, all-time high in safe working. The closest the Arsenal has come to this before was when the plant worked slightly over two million safe manhours.

* * *

DURING THE FIRST nine months of this year, the entire plant worked 1,841,718 manhours with only 318 minor injuries. The last lost-time injury was on August 3, 1955.

Never before in the 16-year history of Ravenna Arsenal has a record like this one been set. And, it's one for every Arsenalite to be proud of, because each employee must make his own safety record before a big one can be set.

* * *

EMPLOYEES of Load Line Three can be especially proud for their part in establishing this new safety high, and for helping to bring about another Arsenal "first."

For the first time in the Arsenal's history, Load Line Three, a major production segment, worked an entire month with no minor injuries, disabling injuries or written safety recommendations. Line Three employees accomplished this during the month of September and at the same

* * *

time, made high quality production while keeping well below industry standards.

Many smaller departments have accomplished similar records and for longer periods of time. However, this is the first time a production line has been able to chalk up such a high mark.

Safety must be not only a byword but a religion among Arsenal employees. H. M. Krengel, RAI General Manager, is an ardent exponent of safety and indoctrinates his staff each week with the principles of safety promotion and insists that all supervisory personnel consider the safety of their workers as their prime responsibility.

* * *

THE RAI SAFETY Office with the backing and assistance of the Ordnance Safety Division, makes continuous inspections and studies of operational and traffic hazards to improve procedures and keep employees advised and aware of good safety practices. No opportunity is lost to impress employees with the need for thinking of safety constantly.

And our safety program is paying off! Each year the Arsenal's safety record has steadily improved, but this has been the best year so far. We've chalked up over a year with no lost-time accidents. It would be a great accomplishment to stretch this year to two or more. Let's try!

* * *



SAFE WORKERS — Here is the crew of Load Line Three workers who made this month-long safety record possible. Identified in the picture are George Mohn, Leo Moneyppenny, Reo Polidori, Christopher Henderson, Clarence McElroy, Chalmers Jenkins, Process Inspection; C. W. Steigerwalt, Calvin Persino, Mel Abeid, Henry Altman, O. H. Proctor, Charles Morris, Oreion Sumrall, Paul Walker, Maintenance; May Anderson, G. R. Carley, Line Superintendent; Larry Calby, Safety; G. G. Schultz, Russ Mazzola, Ordnance Inspection; J. L. Metcalf, and Don Patton, Process Inspection.

Also, William Perry, Electrician; John Hopkins, Process Inspection; Carl Jones, Maintenance; J. O. Mathes, Ed St. Clair, Ordnance Inspection, and Bill Flasher, Ordnance Inspection; James McCants, John Baryak, Maintenance; J. Novak, John Todd, Ordnance Inspection; J. R. Carrol, H. H. Parks, Fran Neitzelt, Paul Chalfant, Ordnance Inspection; H. B. Stout, D. H. Heckert, Russell Butler, R. N. Milan, D. L. Nelson, L. D. Parker, J. D. Austin, Howard Curtis, John Randall, Charles Mason, Robert McGruder, L. Wiseman, Bill Forgaes, Maintenance; W. M. Purnell, L. Barner, Gene Lemasters, and Howard K. Miller.



LEFT -- Dola Greenwell handles a tar sprayer while Red Fogle, Delbert Leichter, Jim Harris and Louis Gosser prepare to repair the loading dock at LCL



Building F-16. RIGHT -- Frank DeLeone and William Young (foreground) load slag for road resurfacing onto the truck using the Barber-Greene conveyor.



TO MAKE A WATER LINE repair Charles White clears the line with the backhoe while Elmer Feldner of the Water Department waits to make the repair.



CLEAN, GREEN IGLOOS — Jerry Sole (foreground) and Jim Purdy operate farm tractors with side mowers in clearing vegetation from tops of ammunition storage igloos.



PARKING LOT — William Jones operates a bull-dozer in preparing a parking area on the Wilcox-Wayland Road for incoming explosive trucks.

* * *

Roads, Grounds Work Goes On Despite Weather Conditions

Neither rain nor sleet nor hail, etc., can stop, as you have heard, a mail carrier. Well, the same may be said for members of Ravenna Arsenal's Roads and Grounds Department, whose jobs keep them outside under the blistering sun and in the chilling snow.

Maintenance of the 22,000 Arsenal acres, 2.7 million square yards of roads, walks, aprons and parking areas, 1,700 culverts and bridges, 70 miles of exterior and interior fence and 1,800 buildings keep these Roads and Grounds crews busy the year 'round.

Jack Streeter, one of the Arsenal's "old-timers" directs the many Roads and Grounds, Heavy Equipment Repair and Railroad Track Maintenance department activities of the Engineering Division.

Art Lewis and Jimmy MacKeage lend able assistance in supervising the mowing of approximately 4,000 acres of grass, repair of buildings, docks and fence, resurfacing and repair of paved areas, maintenance of fire breaks and other varied activities.

SOME IDEA of the size of the task is reflected by the supplies consumed in an average year. Over 50,000 gallons of asphalt, 10,000 tons of stone, slag, sand and cinders, 1,500 bags of calcium and salt, 2,000 bags of cement, 15 tons of fertilizer, 1,800 pounds of seed and 5,000 gallons of weed killer are part of the items required by this maintenance program.

Operation and maintenance of the equipment necessary to perform this maintenance is the job of Foreman C. L. McGee and his staff of experienced engineers at Building U-7 in the Depot Area. Some 100 pieces of equipment, including crawler tractors, road graders and truck cranes are kept in top running order by this shop.

Repair and maintenance of the railroad track, its 800 switches and 400,000 cross and switch ties are the responsibility of G. E. (Gib) Griggy, and his capable crews from the Maintenance Building at the Railroad Classification Yard.

Looking forward to the future not only in production and maintenance operations, Roads and Grounds is presently involved in an extensive reforestation program. To date crews have planted some 300,000 Evergreen trees on 300 acres throughout the Arsenal. These plantings will aid in soil conservation, protect native tree growth and provide natural snow fencing.

Roads and Grounds Department forms another of the important members of the Engineering Division team, proud to take part in making Ravenna Arsenal a pleasant and a safe place to work.



TRACK WORK — G. E. (Gib) Griggy (extreme left) surveys a Railroad crew aligning and leveling railroad track leading into the classification yard.



Jessie Eldridge, Margaret Parker and Edith Cook prepare to board the bus for the Women's Outing. In the background, H. M. Krenzel, General Manager, bids the girls goodbye.



Enjoying the dinner at Twin Lakes Country Club are Bonnie Bent, Marge Walton, Doris Powell, Janice Bungard, Bea Schaffer, Abbie Heritage, Sally Sanders, Carolyn Lee and Rose Duganne.

Women's Outing Big Success; Ladies Enjoy Cleveland Trip

Friday, October 28, was really "ladies' day" at the Arsenal when members of the fair sex came to work toting suitcases of extra clothes, hats and what have you. The occasion was the first annual Women's Outing, and the girls went "all out" to enjoy the festivities. At 5:00 that afternoon, H. M. Krenzel, General Manager, watched 76 girls board three Ar-

senal buses and depart for an evening of enjoyment. Accompanying the ladies were Recreation Supervisor Don Anderson and Photographer Carl Bungard. Bus drivers were Len Moore, Paul Pringle and Joe Surick.

FIRST THERE was a delicious dinner of french fried shrimp and roast turkey at Twin Lakes Country Club. Then the girls went on to Cleveland to watch the opening night presentation of the 1957 Ice Capades at the Cleveland Arena.

On the return trip they stopped for a midnight coffee break, and in the early hours of Saturday morning, bus loads of tired but happy girls arrived home again.

Everyone remarked what a pleasant and memorable evening it was, and were particularly impressed by how well co-ordinated the activities were.

Stork Club

Word has been received of the birth of a boy on October 18 to Bob and Francis Brackie of Newton Falls. Mrs. Brackie was employed in the Duplicating Room before going on leave last August.

Congratulations to Mr. and Mrs. Gordon Seaholts of Ravenna on the birth of a boy on October 23.

Side Glances

(Continued from Page 5)

of November 4 in Columbus, and Mike Garro enjoyed a week's vacation visiting Washington, D.C.

Lewis Koontz of U-14 is back to work, having been off work due to a leg ailment. . . . The mighty squirrel hunter, **Earl Stonestreet**, spent the last week in October knocking the bushy-tails out of the trees in West Virginia.

Wally Whittaker of the Checker force spent a week at his home near Ravenna admiring his newly drilled 200-foot well. . . . **Larry Weisend** enjoyed a week visiting his son, **Wendell**, at Blacksburg, Va. **Wendell** is an instructor and Publicity Director for Virginia Polytechnic Institute there.

Congratulations to **Dick Spencer** of Planning who completed 16 years at this installation on October 16. . . . **Ben Bradley** of Department 194 and wife took advantage of the Indian Summer to tour southern Ohio and to visit Schoenbrunn, the Moravian supervised Indian settlement.

On October 25, **Robert Derr** had the misfortune to sever a finger and injure two others on a new power saw he had just acquired. . . . Enjoying a fortnight's vacation in and around Del Ray Beach, Fla., was **Ted Crawford** of the Checkers.

Cole Keene of U-4 vacationed the forepart of November, "Dolling" up his premises. . . . Congratulations to **A. M. (Pete) Richards** who became a grandpa again when a seven-pound boy was born to his daughter. . . . **Mrs. Roy Kellison** is home again following a stay in the hospital, and **Wilbur Fullum** of Department 03 returned to work following hospitalization due to a damaged spinal disc. He had been off work since May.

Guard Force

Enjoying the scenic wonders of autumn occupied the vacation of Mr. and Mrs. **Donald Sheen** and children on their motor trip through West Virginia, Ohio and Kentucky. . . . Mr. and Mrs. **Dave Fineman** and family are now making their home on Pratt Street in Ravenna; they formerly lived at the Arsenal.

Marvin Rossow spent a quiet vacation at home doing little jobs around the house. . . . **Walter L. Onstott** has returned from Northfield, Minn., after a visit with his mother, **Mrs. O. G. Truax**, who is seriously ill.

A Canadian fishing vacation to Campbelford, Ontario, was enjoyed by Mr. and Mrs. **Burl Tennant** and children. . . . **John Martz** and **Robert Hutcheson** enjoyed their vacations resting at home.

General Stores

Myrtle Collier attended the Grand Chapter of Ohio Eastern Star held in Cleveland recently. . . . **Fay Holden** accompanied her mother and sister to New York City for her vacation. . . . Congratulations to **W. W. White** who has worked three and one-half years with perfect attendance.



Here are the Arsenal ladies waiting for the first scenes of the Ice Capades.

Visits...And Visitors

J. C. Duer, Engineering Manager, spoke and presented slides on the decontamination work recently completed at Plum Brook Ordnance Works, to the first and second sessions of the Ordnance Operational Safety School held at OAC.

Arsenalites attending the first session were Paul Braucher and Ed Lietzow; attending the second

session was Ernie Clabaugh.

Mr. Duer also presented the same talk at the Ordnance Safety Office in Washington D. C., last month.

At Louisiana Ordnance Plant to observe the mine loading facilities were Bill Bowser, Industrial Engineer; G. R. Sanders, Line One Superintendent; and John Talkowski, Time Study Manager.

Ten Commandments Of Hunting

"The best tip to make hunting fun is to keep it safe," says Herb Parsons, world's most famous exhibition shooter. Learn and master these basic precautions:

1. Treat every gun with respect due a loaded gun.
2. Guns carried into camp or home, or when otherwise not in use, must always be unloaded, and taken down or have actions open; guns always should be carried in cases to the shooting area.
3. Always be sure barrel and action are clear of obstructions, and that you have only ammunition of the proper size for the gun you are carrying. Remove oil and grease from chamber before firing.
4. Always carry your gun so that you can control the direction of the muzzle, even if you stumble; keep the safety on until you are ready to shoot.
5. Be sure of your target before you pull the trigger; know the identifying features of the game you intend to hunt.
6. Never point a gun at anything you do not want to shoot avoid all horseplay while handling a gun.
7. Unattended guns should be unloaded; guns and ammunition should be stored separately beyond reach of children and careless adults.
8. Never climb a tree or fence or jump a ditch with a loaded gun; never pull a gun toward you by the muzzle.
9. Never shoot a bullet at a flat, hard surface or the surface of water; when at target practice, be sure your backstop is adequate.
10. Avoid alcoholic drinks before or during shooting.

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RAVENNA ARSENAL NEWS

Thanksgiving
1956

Vol. 10, No. 5

RAVENNA ARSENAL, INC., APCO, OHIO

November 1956



Colonel van Ormer To Leave Group For Washington Post

Col. Henry P. Van Ormer, Commanding Officer of the 67th AAA Group and responsible for the air defense of Northeastern Ohio, will soon leave Apco for Washington, D.C., where he will be assigned to the Army General Staff in the Pentagon.

His new assignment will be with the Office of the Deputy Chief of Staff, Operations, and he will take over the new post on December 15.

Colonel van Ormer assumed command of the 67th Group in November 1955, and his tenure has seen tremendous progress in area Nike defense. It was through his tireless efforts that the 351st Missile Battalion was activated at Lordstown to enable troops to be trained and ready to man sites in Cleveland at the earliest possible date.



COL. HENRY P. VAN ORMER

COLONEL VAN ORMER, a recognized expert in Nike guided missiles, first became acquainted with the missile in 1944, when as a member of the War Department Technical Section, he reviewed and recommended approval of its military characteristics for further development.

Prior to his assignment here, the Colonel was Chief of the American Military Assistance Group in Baghdad, Iraq, where he did much to modernize the Iraq Army. He fulfilled a similar mission in Athens, Greece.

Graduating from Gettysburg College in 1930, the Colonel then

went to West Point where he graduated in 1935. He attended the Artillery School in 1939, did graduate work at Columbia University in 1941, and also attended the Armed Forces Staff College in 1949 and the Army War College in 1953.

He and his wife, Helen, have two sons, Henry P. Jr., who is attending Gettysburg College, and Charles H. Another important member of the van Ormer household is "Jet," their English Setter, who has the distinction of having hunted in Europe, Asia, and the United States.

Retirements



Charles A. Pardee, Space Heating — Retired October 8 after 15 years' service here... began with Hunkin-Conkey as a boiler fireman... married former Laura Sloan on December 30, 1918 and has a married son and one granddaughter... likes hunting, fishing, gardening... retirement plans include two months' visit in Florida.



Ralph Thompson, Shop Maintenance — Retired October 14... had been employed at Arsenal since August 1950, worked with a likeable group of men and was sorry to have to retire... married former Emma Harris in September 1936 and lives at R. D. 2, Newton Falls... enjoys gardening and plans to work around the house and take occasional short trips.

Ravenna Arsenal NEWS

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Ordnance Staff — Lillian Youell.
Production Planning — Dorothy Waltz.
Transportation Division — Jennette Bell, K. O. Flesher, Margaret Kaibas.
67th AAA Group — Fred Leunberger.
P. E. and I. Division — Millie Miscevic, Rose Duganne.

Specifications Engineers Wins \$275 For Highest Salary Suggestion Award

Until this month suggestions which have copped the highest awards have come from alert hourly workers.

However, when the RAI Suggestion Board met in November, a \$275 award was approved for Specifications Engineer Charles W. Kirkpatrick, making the largest award an office employee has received.

It is also interesting to note that out of 18 awards which were approved for payment, nine of them were for Transportation employees.

Mr. Kirkpatrick, a first time suggestion winner, received his award for thinking of a better method of loading and blocking commercial trailers. His new way resulted in a savings of more than \$270-monthly for the Company. Mr. Kirkpatrick lives at 194 La-

Clede Avenue, Youngstown, and has worked at the Arsenal since November 1950.

In the Transportation Division, Mechanic Francis Stuhldreher was awarded \$45 for suggesting the replacement of present type dust shields on spring shackles with salvage belting. A six-year Arsenal employee, Mr. Stuhldreher resides at 315 Day Street, Ravenna.

Small Business Conference To Include Arsenal Products

Plans have been made for a Small Business Opportunity Conference to be held in Cleveland at the Masonic Temple. On display at the meeting, which is November 28, will be various products from Ravenna Arsenal.

Some of the subjects to be covered are: The Small Business Administration, Program of Assistance to Small Business, Program and Policy of Civilian Agencies and the Program and Policies of the Department of Defense in the line of procurement of their requirements through small business.

NEED RIDE FROM SOLON

Do you live in the vicinity of Solon and have room for one person to ride to work? If so, please call the Services Office, Extension 600.

If you learn to laugh at trouble you will have less of it to worry about.



HIGH WINNER — H. M. Krengel, RAI General Manager, is shown presenting a check for \$275 to C. W. Kirkpatrick, Specifications Engineer. Looking on are J. P. Talkowski, Suggestion Manager, and E. S. Thorn, Inspection Superintendent.



TRANSPORTATION SUGGESTIONERS — Men from the Transportation Division who won half the awards given this month are, front row, left to right: William Lemasters, T. J. Mellesky, Rus Madonio, Frank Valenti. Second Row, Frank Stuhldreher, Dave Leggett, A. M. Wasson, Howard Duvall, and John Mayer.

Side Glances

Transportation Division

Railroad Yards

T. J. Mellesky had the good luck to bag a nine-point buck deer with his bow and arrow. When dressed the buck weighed 210 pounds... C. J. Burns enjoyed a week in November hunting and fishing... Back from two weeks touring the eastern states are Mr. and Mrs. C. F. Readshaw.

Hal Johnson reports that his wife is suffering a setback from a previous illness. Mrs. Johnson resides in Princeton, W. Va. H. L. Armentrout is recovering at home after being hospitalized following an accident in which her car was demolished. Mr. Armentrout, a passenger, was uninjured.

Charles Soules reports his wife, Edie, as we all know her, was confined to Robinson Memorial Hospital and is now at home improving very slowly... M. P. Purdy was on the sick list for a time, but is now back to work.

Get well wishes are sent to C. R. Harris' mother who is a patient in Youngstown Hospital... Homer Starkey spent last weekend with his wife and six children in Spencer, W. Va.

Main Service Garage

Remodeling his home at Rootstown occupied Harley Twigg's vacation time... Shirl Marsh and wife had a very enjoyable trip to Ada, Ohio, last month visiting Fred Stavenger and his wife. Fred is a former Main Garage employee... Jennette Bell and family motored to Clarion, Pa., for the Leaf Festival and then drove on through Cooks Forest.

Margaret Purdy enjoyed her vacation at home and entertained her sister-in-law and family from Butler, Pa. Russ and Mary Lou Madonio attended a family dinner at the J. McKinstry farm in Braceville, to celebrate her father's 84th birthday anniversary last month.

Louis Cannon spent his vacation visiting friends in St. Louis, Mo., and Alabama. The trip was very enjoyable except for the slow driving due to the heavy fog in that area... C. Y. Keen vacationed in order to help with the recent election... "Jit" Harris just returned from serving on the Portage County jury. He was happy to receive the news that he is an uncle again.

James Mountain is enjoying small game hunting while on his vacation... J. A. Brown's young son recently underwent a tonsillectomy.

Merrill Parker, foreman of Materials Handling Equipment, has moved his office from the northeast section of U-4 to the southeast section of the same building. W. B. Smalley, Motor Vehicle Transportation, moved into the vacated office, thus operations that were formerly in U-5 Office will be in U-4 now.

Engineering Division

Enjoying a vacation tour of the eastern states were Mr. and Mrs. Verne Vandenoorn... Paul Winkle vacationed in Pennsylvania and New York visiting relatives... Forest McCloud's hunting trips to Kinza, Pa., have been quite successful. To date, he's bagged a turkey and several squirrels.

Cal Chesser, Pipe Shop, went all the way to Logan, Ohio, to celebrate his birthday anniversary... Motoring to Fort Myers, Fla., was Ruth Orwig. While there, Ruth stopped to see Joe Drake, formerly of the George Road Pipe Shop... Also on vacations from the George Road Shop were Charles Reed and James Stauffer.

Welcome back to Arthur Pete who has returned to work after a recent operation... The Ernest McDonalds are now living in Kent, having recently moved from Salem... Stan Kolacz, who came close to death in an automobile accident several weeks ago, has been released from Robinson Memorial Hospital and is now at home recuperating.

Mary and Andy Szabo enjoyed a month-long tour of the southwestern states and Mexico, bringing back many colorful Mexican souvenirs... Mary Kot and family has moved to their brand new home on Main Street in Windham. Mary is still on the sick list and we all wish a speedy recovery.

Mike Kray continued working on his house during his vacation... Attending the Army-Pitt game in Pittsburgh was Joe Clark... Jeanette and Jim Moore enjoyed their vacation in her home town, Van Wert, Indiana. They also took time to see the Ohio State-Indiana game in Columbus... Jack Hopwood, avid sports car fan, is now driving around in a 1950 Jaguar. His last car was the familiar 1954 MG.

Ordnance Staff

Lt. Col. T. M. Scott, Jr., C. R. Branfield and Carroll Ruben attended the Materials Handling and Packaging Subcommittee meeting in Macon, Ga., on November 14-15. Mr. Ruben was accompanied by his wife, Elsie, and after the meeting, they traveled on to Florida for a few weeks vacation... Carl Thomas went back to school for a week and attended the Federal Civilian Defense Staff College at Battle Creek, Mich. A two-day conference on Maintenance of Ammunition Field Service Accounts, held at OAC this month, was attended by Lillian Youell.

Congratulations to Kay Ball, Tom Brown and Jim Cooper on receipt of their 15-year pins. Edith Cook now joins this group, having arrived on the 15-year mark on November 3... Welcome to Jefferson Ramsey, Surveillance Inspector, who transferred here from Umatilla Ordnance Depot; also to Mary Jo Muenzmay, back on the job in Property Branch after an absence of about two years.

An enjoyable week's vacation was spent in Virginia by Florence Dingley... Jessie Aldridge and Edith Cook attended the fall flower show in Pittsburgh the weekend of November 10.

A pleasant trip to Baltimore was made by Ruth Beardsley to visit her sister... We're happy to report that Branfield family was not seriously hurt in their recent automobile mishap. However, Chuck is having a few sleepless nights due to two broken ribs... Congratulations are in order for Ross and Estella Dustman for his winning the election for Sheriff of Portage County. For a victory celebration, they took a week's vacation in the mountains of Pennsylvania.

Depot Area

We're glad to have Charles Love back with us. He returned November 5 following an illness since June... Other news from the Demolition Grounds crew — James Dodson spent the weekend

(Continued on Page 6)



For Family Living



Serve Cranberry-Apple Salads On Turkey Day

The whole family looks forward to Thanksgiving Day — it's the one day in the year everyone forgets all about diets, and stuffs themselves with turkey and all the trimmings.

How about giving your family an extra special surprise on turkey day this year by serving individual Jellied Cranberry-Apple Salads, specially dressed up for the occasion.

Jellied Cranberry-Apple Salads

- 1 package raspberry flavored gelatin
- 1½ cups hot water
- 1 pound can cranberry sauce, whole or jellied
- 1 apple
- ¼ lemon

Dissolve gelatin with 1½ cups hot water according to directions on package. Chill until mixture begins to jell. If jellied cranberry sauce is used, crush with a fork. Quarter apple, remove seeds and core and put through a food chopper. Put lemon through chopper, rind and all. Fold cranberry sauce, apple and lemon into raspberry gelatin. Pour into six small individual salad molds.



SPECIAL TURKEY DAY SALAD — To make Jellied Cranberry-Apple Salad extra special for Thanksgiving dinner, top each serving with a miniature Pilgrim candle, available in all variety stores.

Definitions

RANT — It comes due the foist of the month.
SEEK — Not feeling well.
COLIC — Something like onions used in Italian cooking.
TOOT — What you chew with.
WAIL — A covering for the face, worn by women.
RADISH — The color of a strawberry blond's hair.
HITCH — When you gotta scratch, you got the hitch.
VIPER — A fellow who polishes cars in a garage.
VERTIGO — A sign on a country road that gives you directions.
OILY — When you get there ahead of time.
LOIN — Live and loin.

Worship Together, Find Faith



You know the hymn — "How Firm A Foundation"? Of course you do. But it's more than a hymn. To many it is a way of life.

The foundation is faith. Faith that gives every day a shining new quality. Faith that provides a strong shelter in time of need. Faith that sustains you in sickness and trouble. Faith that directs you along the right path. Faith that makes life a great adventure, truly worth living.

One does not find faith in a vacuum. You find it as a member of a family, as a member of a community. Worshiping together every week, with those you love, with others who believe as you do — gives you a closeness, a strength to carry you through with hope and courage.

You can build a stronger, richer life — on a firm foundation of faith. Worship together this week — every week!



RECEIVE GOVERNMENT 15-YEAR PINS — Three Ordnance employees were recently presented 15-year service pins by Lt. Col. T. M. Scott, Jr., Commanding Officer. Above are the three veterans -- Tom Brown (second from left), Kay Ball and Jim Cooper who is receiving his pin from Colonel Scott. Watching the presentation in Major R. D. Cameron.

Mrs. Ball, a stenographer in the Management Branch, began her service at the Arsenal with the Atlas Powder Company in 1941, as did Mr. Cooper, Chief of the Communications Branch. Mr. Brown, Security Administrator, started his Arsenal service with the Hunkin-Conkey Construction Company and was also hired by Atlas Powder in 1941. All three were taken over by the Government in November 1945.



VICTORIOUS GOLFERS — Here are some of the Arsenal linksters who finished the season in first place. Left to right are H. L. Sorensen, Dubs & Duffers; Dick Melson, Arsenal-Wide; Jack Streeter, Engineers; and Ed Tekely, IGA League.

Arsenal Athletes Honored At Annual Sports Banquet

Seventy softball and golf participants gathered at the Main Commissary on Thursday, October 25, for the fifth annual Summer Sports Banquet, honoring Arsenal summer sports groups.

Seated at the speakers' table were H. M. Krengel, General Manager, Lt. Col. T. M. Scott, Jr., Commanding Officer, Captain Carl Kaplanoff of the 67th AAA Group and D. R. Anderson, Recreation Supervisor. All spoke briefly on the merits of recreation and its importance in everyday life.

A delicious baked ham dinner was served to the Arsenal athletes, after which came the highlight of the evening, the presentation of awards to the winners of the Softball and Golf Leagues.

THE BOLTON BARN TEAM, under the leadership of John Hank and Carroll Ruben, copped championship of the Softball League with 11 wins against one defeat. This is the second straight year, the Bolton Barn squad has been in the softball winners circle, having been co-champs of the league last year.

Members of the winning diamond team are Skip Ruben, Mike Sitko, Carl Bungard, Monk Brown, Dave Ware, Walter Eichelberger, Tiny Burketh, Marion Johnson, Wilbur Nurse, George Fox, Gene

Lemasters, Mr. Ruben and Mr. Hank.

Recognition for the five Golf Leagues was as follows:

Arsenal Wide League — Dick Melson, first place; Bob Hart, second place; Dick Pardee, third place. This was an eight-man individual league.

Engineers League — Joe Siron, Jack Streeter, first place; P. J. Ryal, Roy Widger, second place; Ernie Clabaugh, Larry Weisand, third place. The Engineers League is also an individual league with 16 men participating and the top six places being recognized.

Individual Golfers Association — Ed Tekely, first place; Tony Gumino, second place; Major Miller, third place.

Dubs & Duffers League — G. R. Sanders, H. L. Sorensen, first place; Jim Slocum, John Talkowski, second place; Paul Bogner, Bob Merrill, third place.

Comptrollers League — Ed Crutcher, Ralph Bentz, first place; Harold Klett, Leo DiNuccio, second place; Pete Lynds, Nick Tambures, third place.

Lil Youell's Daughter Tapped For Honorary

Heidi Holmes, daughter of Mrs. Lillian Youell, Operations Division, has been tapped for membership in Theta Sigma Phi, a na-



tional women's honor society in journalism. Heidi, a journalism major, is a junior at Ohio University. In order to qualify for membership in this organization, students must have a 2.5 cumulative average in major subjects, and be active in extra curricular activities concerned with journalism, character, etc. Students are not eligible until they are juniors.

Heidi will take the pledge in January and become an active member in the society at that time.

Larry Geer's Parents Married 60 Years Ago

Sixty years of married life were celebrated recently by Mr. and Mrs. A. H. Geer of Ravenna, and members of their family when their son and daughter-in-law, Mr. and Mrs. Lawrence Geer, entertained October 20 with a dinner at Welshfield Inn.

The group of 18 guests included the honored couple, and their three children and their families. Besides their three children, the Geers have four grandchildren and 10 great-grandchildren.

Married in New Cumberland, W. Va., October 29, 1896, the couple has resided in Ravenna for 46 years. Both are members of the First Congregational Church, Ravenna. Mrs. Geer is 78 and her husband is 83 years old. The couple received many lovely gifts, bouquets and cards to remind them of the happy occasion.



NOT AS MUCH AS THERE USED TO BE — Charlie Kemp (left) who shed the most pounds in the engineers' heavy-weight bout, stands beside the "Statistical Quality Control" chart which was designed to record the dieters' progress. Loser Andy Szabo is shown standing on the scales "measuring" pounds lost by Roger Burns. (This isn't exactly a "true to life" picture, because Roger borrowed a pair of trousers from Ernie Clabaugh for this picture!)

Engineers Find Diets Easy When Tempted With Free Steak Dinners

On September 3, three "well-padded" engineers decided the time had come to shed some of their padding, and discovered it wasn't a difficult thing to do, particularly when a nice juicy, FREE T-bone steak loomed ahead as their reward.

So, Charlie Kemp, scaling 208 pounds; Roger Burns at 198, and Andy Szabo, 191, began a month-long battle to see who could take off the most averdupois, the loser having to furnish steak dinners

to the other two. They drew a "quality control" chart to record their progress, brought a pair of bathroom scales to the office, and daily weighed in for all to view. November 2 dawned bright and hearty for Kemp 30, and Burns, 27 pounds lighter. But, "woe is me" said Andy when he discovered his three weeks' vacation in Mexico left him only 10 pounds less and dollars lighter as he treated the boys to their steaks.



SILVER WEDDING — Mr. and Mrs. Orville Proctor of Ravenna celebrated their 25th wedding anniversary with an open house Sunday, October 21, from 4 to 9 p.m. One hundred and fifty friends and relatives called at their home to wish them well. Highlight of the occasion was a telephone call from San Diego from their son, Alfred, now serving in the Navy. Their daughter, Sylvia, and Alfred had planned the open house for their parents for two years.

The former Edith Catlin of Salem and Orville Proctor were married exactly 25 years ago to the date of the open house, which was also Mrs. Proctor's birthday anniversary. Mr. Proctor is employed in Department 81, Load Line Three, and his wife is a practical nurse.

A Time For Giving Thanks

In mid-July, 1621, members of the Plymouth colony joined in prayer for rain. William Bradford wrote in his dairy that no rain had fallen since May and "the corn began to wither away . . . began to languish sore." But after prayer, it came on to rain, "sweet and gentle showers, without any wind or thunder or any violence, and in such abundance that the earth was thoroughly wet and soaked therewith."

It was then that the governor decreed that a day be set apart for thanksgiving "at a time convenient." The convenient time came after harvest, wrote Edward Winslow five years later:

"Instead of famine we had plenty and the face of things was changed to the joy of our hearts. Nor has there been any want of food among us since that day."

BESIDES CORNMEAL for hoe cakes, biscuits and puddings, the colonists had turkeys, geese, ducks, venison, lobsters, fish, oysters, clams, grapes, plums and gooseberries.

"Plenty" was measured by the Pilgrims in terms of food. Now "plenty" is measured less gustatively and more prosaically in dollars. Gross income, government estimates say, will be over 408 billion dollars in 1956 — meaningless to most of us.

Our "plenty" in this time of thanksgiving can be measured, like colonial plenty, in the products of field, or forest and of the sea, and also, in the products of our hands, our shops, our mills, our factories.

We, too, have turkeys, geese, ducks and venison. We have biscuits, cakes, puddings and pies. We have fresh fruits in kinds and quantities that the Pilgrims could never imagine. And with all this plenty of the table, we have the ease and comforts provided by central heating, air conditioning, modern plumbing, the miracles wrought by electricity, by transportation, by medical science.

Things have changed "to the joy of our hearts." Thanksgiving Day, 1956, should be a time of real thanksgiving.

—DNB

The Cover

This year's Thanksgiving cover picture was drawn by Curtis L. Brown, talented artist from the Safety Department.

With pencil and paper Curt has portrayed the happy glow which every American should feel on this Thanksgiving Day 1956 and every other day of the year. We have the most wonderful thing in the world for which to be thankful — the American horn of plenty.

Spilling from this horn is freedom, security, education and all the material things which makes our way of life a happy way. Perhaps that new car isn't paid for yet, and maybe there's a 20-year mortgage on that little white house with the green shutters, but we should be thankful even for these things. Many countries in the world have never heard of charge accounts, time payments and mortgages.

Let us bow our heads on Thanksgiving Day and give humble thanks to Almighty God for the privilege of living in a country where a knock on the door in the middle of the night only means a stranger has lost his way.



United Fund Goes Over Goal; \$14,319 Pledged To Charity

Ravenna Arsenal employees set a new record in fund raising with their tremendous response to the first United Fund Drive which was held here last month.

RAI and Ordnance employee pledges and cash donations totaled over \$14,319, a figure which represents more than \$1,700 over the \$12,550 goal.

Both Lt. Col. T. M. Scott, Commanding Officer, and H. M. Krenzel, General Manager, praised employees for their response and wholehearted cooperation.

Mr. Krenzel said he had not doubted the success of the first Arsenal United Fund Drive, because Arsenal employees have a wonderful reputation for generosity and teamwork. He said employees responded to this appeal for funds in the same way they have backed the blood program and other charitable appeals.

Colonel Scott stated he is particularly proud because Arsenal employees demonstrated the true American spirit, showing that people appreciate and understand difficulties and are glad to lend support to those who need. In the words of Fred Fair, UF labor committeeman, "the United Fund is the most wonderful thing that has happened in the Arsenal's history."

DRAWING for United Fund prizes was held November 1 at the committee's close-out meeting. W. F. Wright, Department 76 Line Two, won RAI's first prize, a radio. Second prize, an electric skillet, went to Harry Williams of the Carpenter Shop, and third

prize of a blanket and carrying case was won by Jack Schaffer of the Fire Department. The Ordnance prize, a clock radio, went to Crawford Beck of Surveillance.

All labor organizations represented at the Arsenal — the United Steelworkers of America, the International Brotherhood of Electrical Workers, the Brotherhood of Railroad Trainmen and the Brotherhood of Locomotive Firemen and Enginemen, lent their wholehearted support to the fund drive, and appointed representatives to work on the Labor - Management Committee to organize the drive. This committee was composed of Division Managers and an Ordnance representative in addition to the labor representatives.

Average contribution made by a salary employee was \$19.04; hourly, \$13.40; and for non-employees at the Arsenal, such as the 67th AAA Group men, average contribution was \$15. Percent participation by salary employees was 97.9; hourly, 82.7, non-employee, 100 percent, making a total percent participation of 86.9 for the entire plant.

Employees were given their preference as to the community in which their pledge was to be given and since the majority of the employees are from Ravenna or its immediate vicinity, that city received the major share of the pledges, \$7,353.37.

* * *

CASH COLLECTIONS will be turned over to the various agencies at an early date. Contributions made on the payroll deduction plan will be distributed on a quarterly basis.

So that employees may see exactly how the money will be distributed, according to their preference, a complete breakdown of communities and amounts they will receive is shown following. The first column shows employee residences and the second is the amount given to named area charities.

KENT CHARITIES	
Ravenna	\$ 28.60
Apco	13.00
New Milford	13.00
Kent	510.20

* * *

Brady Lake	26.00
Total	\$ 590.80

RAVENNA CHARITIES	
Town	Amount
Apco	\$ 613.80
Atwater	269.00
Deerfield	125.00
Diamond	81.40
Freedom	36.00
Garrettsville	512.24
Hiram	138.80
Mantua	203.40
New Milford	218.40
Suffield	13.13
Wayland	34.00
Windham	782.00
Kent	14.40
Brady Lake	53.40
West Farmington	13.00
Newton Falls	90.40
Lake Milton	13.00
Akron	13.00
Hudson	14.40
Solon	13.00
Middlefield	13.00
Parkman	13.00
Ravenna	4067.06
Shalersville	8.00
Total	\$7353.37

NEWTON FALLS CHARITIES	
Ravenna	\$ 13.00
Apco	240.60
Diamond	40.40
Windham	13.00
Kent	24.00
Warren	14.40
Lake Milton	106.20
Newton Falls	1401.80
Total	\$1853.40

WARREN CHARITIES	
Apco	\$ 37.00
Mantua	13.00
Windham	13.00
Warren	973.80
Leavittsburg	160.00
Phalanx Station	65.80
Newton Falls	52.00
Mineral Ridge	13.00
Youngstown	19.20
Lake Milton	13.00
Total	\$1359.80

AKRON CHARITIES	
Newton Falls	\$ 20.00
Akron	1125.60
Barberton	37.00
Mogadore	13.00
Tallmadge	13.00
Cuyahoga Falls	328.20
Stow	86.80
Silver Lake	24.00
Total	\$1647.60

YOUNGSTOWN CHARITIES	
Diamond	\$ 33.40
Windham	24.00
Newton Falls	26.00
Youngstown	338.60
Lake Milton	223.20
North Jackson	55.40
North Benton	13.00
Beloit	19.20
Canfield	13.00
Struthers	13.00
Berlin Center	11.00
Total	\$ 769.80

ALLIANCE CHARITIES	
Garrettsville	\$ 14.40
Sebring	8.00
Alliance	340.00
Total	\$ 362.40

CANTON CHARITIES	
Ravenna	\$ 13.00
Canton	90.00
Minerva	13.00
Total	\$ 116.00

SALEM CHARITIES	
Apco	\$ 14.40
Deerfield	26.00
Warren	13.00
Hanoverton	13.00
Salem	24.00
Winona	14.40
Total	\$ 104.80

NILES CHARITIES	
Warren	\$ 13.00
Leavittsburg	13.00
Niles	65.80
Total	\$ 91.80

CLEVELAND CHARITIES	
Medina	\$ 26.00
Sardis	24.00
Total	\$ 50.00

SARDIS CHARITIES	
Sardis	\$ 13.00

* * *

* * *

Sharing-The-Ride Is Safety Wise

Winter, we hear, is on the way. One of these days it's going to snow and snow, and icicles will hang from every branch and roof.

All of which is beautiful to look at, but cold and dangerous to be out in. Riding in a car pool, especially in the winter time, is a safety measure because it reduces the number of cars on the highways. This is important in winter because of the icy roads.

If you don't belong to a car pool why not form one now. If you want riders or need a ride, please contact the Services Office, Extension 600.

Santa To Be Here December 16 For Annual Kids Party

"You better watch out,
You better not pout;
Better not cry,
I'm tellin' you why - -
Santa Claus Is Comin' To Town."

Yes, to be exact, ole Saint Nick will be in town December 16 for the fifth annual RAI Children's Christmas Party.

He'll be at the Recreation Building this year, not at Bolton Barn as in the past, and he'll have presents for each and every one of the 1,400 children who are expected to be there.

In addition to candy and toys, the children will be entertained by Butch and His Buddy, a professional dog act from the Pittsburgh area. There will also be cartoons to make the kiddies laugh.

Tentative plans call for four shows to be given this year instead of three. They will be at 1:30, 3, 4:30 and 6 p.m. Employees will receive announcements and reservations for the party about the first week in December.



UNITED FUND PRIZE WINNERS — Employees who contributed their Fair Share to the United Fund were eligible for a drawing for prizes donated by the Company and Ordnance. The lucky winners are pictured above. Left to right are Crawford Beck who won the Ordnance prize, and Jack Schaffer, Harry Williams and W. F. Wright who won third, second and first RAI prizes respectively.



GETS OFFICER BARS — Lt. Thomas F. Krenzel, son of RAI General Manager and Mrs. Harry M. Krenzel of Akron, recently received first lieutenant bars from Col. Leland B. Shaw, Commanding Officer of 1st Training Regiment, Fort Jackson, S. C. Lieutenant Krenzel is a graduate of the University of Akron and worked in the Arsenal Cost Accounting Department before entering the Army. He completed basic infantry officers training at Fort Benning, Ga.



20-YEAR MAN — H. M. Krengel, General Manager (left), congratulates R. K. Bentz, Payroll & Financial Accounting Manager, upon his completion of 20 years of service with The Firestone Company. In addition to a service pin, Mr. Bentz received a watch in honor of his lengthy service. Watching the presentation is John B. Rubins, Comptroller.

Murphy, Theis Retire From Marines, Navy

Stephen W. Theis, an Ordnance Inspector, completed 30 years of service with the U.S. Navy, and was officially placed on the retirement list last month as a warrant officer. A resident of Newton Falls, Theis joined the Navy in 1926. His first action was in the Nicaraguan campaign in 1927. During his 30 years, he served aboard destroyers, PT boats, and submarines, all over the world and qualified as a deep sea diver.



When the Japanese attacked Pearl Harbor on December 7, 1941, Mr. Theis was stationed aboard the destroyer USS Flusser, which was anchored in the Hawaiian Island harbor. He served during the entire World War II in the Pacific Theater, acting as a gunnery officer at the end of the war.



MINIATURE CHURCH made from a combination of salt and starch is fascinating to build. This one was made by Bill Davis of Statistical Quality Control, and stands about two and one-half feet high.

R. K. Bentz Receives 20-Year Award

On November 18, Ralph K. Bentz, Payroll and Financial Accounting Manager, received a service pin and a watch for 20 years' service with The Firestone Tire & Rubber Company.

H. M. Krengel, General Manager of Ravenna Arsenal, Inc., made the presentation to Mr. Bentz in recognition of his long continuous service.

MR. BENTZ began working for the Firestone Company in November 1936 in the Timekeeping Department at Plant One. During the ensuing years he held various jobs with this department until his transfer to Ravenna Arsenal home.

FOLLOWING the cessation of hostilities, he was placed on inactive duty in 1947, but was recalled in 1951 for the Korean conflict, and served as an Ordnance instructor at the Naval Training Center at Bainbridge until 1953 when he was again placed on the inactive list.

Mr. Theis first started to work at the Arsenal in January 1949, and served as an Ordnance Inspector until his recall to active duty in 1951. He returned to the Arsenal in March 1953. He and his wife, Elizabeth, are the parents of two children, Stephen Jr., and Patricia.

Side Glances

(Continued from Page 5)

his vacation deer hunting in Pennsylvania.

Our deepest sympathy is extended to Charles Reed of the George Road Shop and his family who lost their only daughter in a recent automobile accident.

George Baker is vacationing at his home in Orlando, Fla. . . . Other George Road employees enjoying vacations are Paul Braucher, Louis Gheen, Denver McClain and Eugene Henn. . . . Lester Rossow journeyed to Phoenix recently to visit his granddaughter.

Congratulations to Mr. and Mrs. Phil Loveless who celebrated their 39th wedding anniversary November 17. . . . Roger McCarthy, Roads and Grounds, returned from the Armed Forces on December 3. . . . Don Hillegas has been on the sick list.

Depot Area

Bernard (Barney) Rothermel entered Robinson Memorial Hospital on November 9 very ill, but after two operations he is recovering rapidly and is now at home where he is convalescing. A group of his co-workers turned up at his Lime Ridge Road farm and put in the day buzzing wood, getting in his corn and bringing the premises up to normal.

Earl Stonestreet and Amos McPeak opened the hunting season by rolling a few bunnies, but they are noticeably silent concerning their bird take. Poor ammunition, presumably! Earl just returned from a vacation trip to West Virginia.

Ray Page gave his home furniture a treatment—rocking chair style—while on his vacation, and Kenny Barr enjoyed a trip to Williamsport, Pa. . . . Deer hunting for a week in Pennsylvania was Lewis Kooztz.

Congratulations to Harold Smith who has the fine record of not having any absences from work since March 3, 1952. Harold started working at the Arsenal in April 1942.



A Ravenna Arsenal Marine veteran, who fought at Iwo Jima in World War II and served both in Nicaragua and Japan, retired December 1, with 30 years' service in the U.S. Marine Corps and Fleet Marine Corps Reserve.



Master Sgt. George O. Murphy of Youngstown, was presented with a certificate of retirement by Capt. Howard M. Markus on behalf of the Third Marine Corps Commandant, Officers and enlisted men of the Third Engineer Company honored Murphy with a military formation during the ceremony at the Naval and Marine Corps Reserve Training Center.

DURING his 30 years, Murphy saw service throughout the world. He was with the Marines in the second Nicaraguan campaign, 1927-29, and in Cuba and Haiti, 1933-37.

In World War II, he fought with the Fifth Marine Division and took part in the assault and seizure of Iwo Jima in the Pacific. After V-J Day he served with occupation forces in Japan.

In addition to many pre-war and World War II campaign medals, Murphy holds the Navy Unit Commendation and Marine Corps Good Conduct Medal with six stars. He has been a radio dispatcher on the Arsenal Guard Force since February 1951. George and his wife, Julia, have a five-year-old son, George Jr. They live at 2434 Taylor in Youngstown.

CANDLELIGHT LUCK

In Sweden, it is considered an omen of good luck if all Christmas candles burn brightly on Christmas eve.

YULE MARRIAGE

There is a quaint ritual in Denmark whereby two fruit trees are married at Christmas time by binding them together with straw.

Hobbyist Bill Davis Makes Churches From Mixture of Household Products

Did you ever know an architect who used a recipe of common household items for the building materials for his designs? Well, we do.

William Davis, Statistical Quality Control Inspector, has earned quite a reputation for the fabulous little churches he "builds" from a mixture of starch and salt. Bill told us the "recipe" for these churches was given to him two years ago by Mrs. Florence Beaper, a Commissary employee well-known to Arsenalites for her wonderful cake-decorating ability.

THE ARCHITECTURE is really quite simple. First you make the form for the building from cardboard. Then you add small amounts of starch to salt for the "cement" and brush the mixture on to the cardboard form. Let each coat of the mixture dry thoroughly before adding another. Then, when you apply the final coat and while it is still damp, sprinkle mica or artificial snow over the building.

Religious Christmas card pictures form the "stained glass" windows in Bill's churches, and he uses gilt to trim the outside of the windows. There is also a tiny bell in the steeple and a light on the inside of the church.

Mr. Davis said it took him about a week to make the church pictured above, working in his spare time and applying one coat of the starch mixture each evening. He advised us to use the coarsest salt available, not the iodized kind for table use, and he also said one must use only a white starch, not one which is transparent in appearance.

Santa's Little Helper

A teacher saw a little girl surrounded by classmates laboriously copying something at her slow dictation. It turned out she was giving them Santa Claus' private telephone number.

Curious, the teacher copied the number, called it, reached the girl's uncle. The parents had used the trick to find out what the girl wanted for Christmas.

Uncle, of course had no rest for a week. All the kids in town called him, and he didn't dare let on he wasn't Santa.

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And The Angels Sang Of Peace, Good Will





RECEIVE J. E. TRAINER SAFETY AWARD — H. M. Kregel, General Manager, presents the J. E. Trainer Certificate of Appreciation to the Industrial Relations, P. E. and I., Transportation, Stores and Comptroller Divisions for working over one million safe manhours. Receiving the awards on behalf of their employees are H. L. Sorensen, Industrial Relations Manager; E. S. Thorn, Inspection Superintendent; L. E. Lynch, Transportation Manager; A. H. Dessum, Stores Manager; and J. B. Rubins, Comptroller. The awards were presented on November 30.

The Cover

"...And the angels sang of peace, good will." The angels singing on our Christmas cover are the children of Arsenal employees who are part of the Knipe Choir of the nearby Wayland Federated Church.

The Knipe Choir includes in all about 35 children ranging in age from four to 20, and is under the direction of Mrs. H. L. Sorensen. The choir made its debut on Christmas Sunday last year and believe us, it's Christmas in your heart every Sunday when you hear their young voices ring through the air. Particularly their little four-year-old soloist Susan Jones, daughter of John Jones Mrs. Marguerite Harris of Pay-off Building 813, who was unable to be present for the picture.

The youngsters in the cover photograph are front, Heather Ewen; second row, Roberta Ufert, Linda Sorensen and Pamela Ufert; and third row, Mary Jane Chamberlin, daughter of John Chamberlin of Safety, Mark McEwen, Mary Kay Branfield, daughter of C. R. Branfield, Ordnance Inspection Chief; Mark Sorensen, and Connie McEwen. The McEwen children's father is T. R. (Bud) McEwen, Production Planning; the Sorensen youngsters are the children of H. L. Sorensen, Industrial Relations Manager; and the Ufert sisters are the nieces of Jones, daughter of John Jones Mrs. Marguerite Harris of Pay-off Building 813, who was unable to be present for the picture.

Holiday Schedule

Arsenalsites will enjoy a long weekend vacation due to the observance of the Christmas holiday this year.

For Christmas, regular operations will be discontinued Friday, midnight, December 21, and will be resumed Tuesday, midnight December 26.

Since New Year's Day falls on Tuesday this year, regular operations will be discontinued at midnight Monday, Dec. 31, and will be resumed at midnight Tuesday, January 2.

A Christmas Message

Christmas is near at hand and undoubtedly each of you is planning to observe it in your own way with family and friends.

As we look back over the year, each of us can find a great deal to be thankful for. But more important, perhaps, is the fact that our future here in America is bright, too.

With the warmth of the Christmas Season upon us, it is easy to forget that there are millions of people in the world whose most wanted Christmas gift this year is freedom-freedom to work, to speak, to worship, to rear their families in their own way and without fear.

For them, no material blessings can provide a substitute for things which we so often take for granted. On Christmas Day, we'll attend churches of our choice and that's freedom... our children are being taught good citizenship and respect for the dignity of the individual and that's freedom... last month we made our selection of public officials to represent us in government and that was freedom.

As we enjoy this holiday season, let us not forget that first Christmas nearly 2,000 years ago when angels spoke words that have been an inspiration throughout the centuries:

"Glory to God in the highest, and on earth peace, good will toward men."

By living these words, we can have not only the kind of Christmas we want but also the kind of world we want—for ourselves and for our children.

Within our plant, we have set a fine example of how men of good will can work together, each respecting the other fellow's talents and all benefiting from each other's accomplishments.

Let us sincerely pray that the day will soon come when men and women everywhere will know more of the blessings that we Americans have enjoyed during this past year.

With this thought, we extend to you and your family our sincerest wishes for a very Merry Christmas and a very Happy New Year.

LT. COL. T. M. SCOTT, JR. Commanding Officer H. M. KRENGEL General Manager

Important Changes In Social Security

Several major changes have been made in the Social Security program which concern Ravenna Arsenal employees. These changes mean revised benefits for some people covered by the law and increased Social Security payroll deductions.

Effective January 1, 1957, the tax will go up from two percent to two and one-quarter percent for both employees and the Company. This tax is paid on the first \$4,200 of the employee's annual earnings.

This means that if your annual earnings amount to \$3,000 next year, you will pay \$67.50 for Social Security as compared with \$60 in 1956. If you make \$4,200 or more, a total of \$94.50 will be withheld next year or \$10.50 more than in 1956.

Women's Benefits

Under the new provisions women now can start receiving Social Security benefits at age 62 instead of 65 under the following conditions.

Women who are covered by Social Security by reason of past or present employment will receive a smaller monthly benefit if they retire at age 62 instead of 65. At age 62 the amount she will receive is 80 percent of the amount she would receive at age 65.

The longer a woman waits, after age 62 and before age 65, to draw benefits the larger the monthly benefit will be until it reaches her full benefit at age 65. But, if she retires and applies for benefits between age 62 and 65 the amount of her monthly benefit is set, depending on her age at the time she begins to draw benefits and will not increase thereafter by reason of increasing age.

A woman who is covered by Social Security through her husband, who is receiving Social Security benefits, can start drawing benefits at age 62 instead of 65. But the same rules regarding the amount of the benefits apply as in the above paragraph.

Starting in November 1956 widows of deceased persons eligible for Social Security benefits, can start receiving full benefits at age 62 instead of 65. "Full" benefits for the widow means the amount she receives is equal to three-fourths of the primary amount of the deceased husband.

Disability

After a six-month waiting period, eligible men and women who are unable to work because of permanent and total disability can start receiving Social Security benefits at age 50.

The first month for which payments can be made under this provision of the law is July, 1957. They will receive the same amounts as if they had retired at age 65. To collect benefits at 50 the disability must prevent the individual from holding a job. Benefits are not payable to his dependents.

To be eligible a worker must have six quarters of coverage in the 13 quarter period ending with the quarter of his disablement, and 20-quarters of coverage in the 40-quarter period ending with the quarter of his disablement.

Persons who are disabled before they reach age 50 and who meet all the coverage and eligibility requirements, should apply immediately to have their Social Security earnings record "frozen" to protect their own and their family's rights to future benefit payments.

Workers already disabled when the new law goes into effect also can collect if they are 50 or older. But their benefits in some cases may be computed under a different formula which may bring somewhat lower payments.

Disabled children of a deceased or retired employee also receive aid under the new law provided the disability occurred prior to age 18. In addition a widow caring for a disabled child will continue to receive payments which ordinarily would have stopped after the child reached 18.

This article covers only briefly some of the highlights of the new program. Additional information may be obtained from the local Social Security office.

A CHRISTMAS MESSAGE
from
MAJOR GENERAL ROBERT G. BUTLER
Commanding General
Ordnance Ammunition Command
Joliet, Illinois

TO THE MEN AND WOMEN OF RAVENNA ARSENAL:

I extend to each of you my warm Christmas greetings and my sincere wish that this holiday season will be a happy occasion for you and your family.

During the past year your concerted efforts have resulted in major accomplishments and substantial progress for this Command. I am grateful for your loyal service and support, and confident that you will continue to carry out effectively the work of the Command, which is vital to our nation's security.

As we review the world conditions of the day may we be grateful and appreciative of our condition of relative peace and security. Let us hope that those less fortunate than ourselves, and particularly those intimately involved in the turmoil of today, may soon realize a brighter future.

May your own well-being continue and improve throughout the year.

R. G. BUTLER
Major General, USA
Commanding

Side Glances

P. E. & I. Division

John Rodgers enjoyed (?) a week's vacation at home acting as baby sitter, chief cook and bottle washer for his newborn son and two small daughters.

D. H. Ringle was lucky to be one of the persons in Columbus on November 24 to see Michigan beat Ohio State in the classic football game... W. H. Carrol and Walter Tymcio are vacationing in New York state to go deer hunting, while Carl Buterbaugh is doing his hunting in Pennsylvania.

John Hopkins' car was badly damaged in an accident recently, but fortunately, no one was injured when the mishap occurred on icy roads.

Transportation Division

TRAFFIC DEPARTMENT

We're all glad to see Fred Cooper back to work after his recent illness... Charlene Horn and husband spent three days deer hunting in Pennsylvania. She reports seeing a lot of deer, but did not manage to bag any. Better luck next time, we hope... Sally Payovich and her husband journeyed to Columbus over the Thanksgiving weekend to see the Ohio State-Michigan football game.

MAIN SERVICE GARAGE

Eddie Read enjoyed a week's vacation at home getting acquainted with his newly-born son... Howard Duvall used his vacation to do some small game hunting and came home with two cock birds and eight rabbits. He also found time to build a barn for his son's pony.

Hunters Russ Madonio, Bill Gebhart and Shirl Marsh each bagged a deer on their first day out. John Mayer and Duke Turner are other deer hunters from the Garage... Our deepest sympathy to Mead Hurley on the death of his brother.

Mary Lou and Russ Madonio entertained Mr. and Mrs. Jim McKinstry from Braceville for Thanksgiving dinner... John Mayer and family motored to Cleveland for Thanksgiving and 16 guests were present at a dinner held at his wife's uncle's home... "Doc" and Mary Ann Leggett entertained her family for Thanksgiving dinner... Enjoying Thanksgiving in Akron with relatives were the Wallace Smalley family.

We're glad to hear J. Varga's mother is recovering and now is at home after her operation... Jennette Bell entertained her brother, Tommy, and his wife the weekend of December 1. Tommy is with the Navy aboard the USS Norfolk and just arrived in the states from Jamaica.

RAILROAD YARDS

Congratulations to F. R. Readshaw who has completed 15 years at the Arsenal... T. J. Mellesky enjoyed two weeks hunting and trapping... Homer Starkey is now a resident and home owner in Akron. He recently moved his family there from Spencer, W. Va.

R. M. Graham was the victim of an auto theft recently. To date, no word has been received about the car... J. C. Shanks reports his oldest son, John, and his wife, Janet, who are living in Germany, are enjoying their stay there with the Army. John is connected with the Army Security Agency. For pleasure they tour various parts of Germany in their foreign-made car.

I. C. Channel claims the deer he bagged had two broken legs as the results of his marksmanship. However, we think the box of shells he unloaded at the deer, dug a hole in the animal's path into which it unfortunately fell and resulted in the catch!

Bernard Aschcraft enjoyed last weekend visiting relatives in Alliance... We're glad to hear Fred Gibson's wife is now recovered from her illness... K. O. Fleisher was called home quite suddenly to Sistersville, W. Va., to donate blood to his father who is very ill. The transfusion made his condition temporarily critical, because he suffers from a heart condition and the transfusion was a strain on his heart. At latest reports, however, he is improving... Our deepest sympathy to Everett Cross on the death of his brother, Kerman.

Ordnance Staff

Thanksgiving week-end travelers included Mr. and Mrs. Ted Jasin to New York City... Mr. and Mrs. E. C. Weyrich visited her son, Major Huston and family at Aberdeen Depot.

Mr. and Mrs. M. L. Barnhardt visited relatives at Marion, Ohio... Estelle and Bob Pavlick visited her sister and family at Havre-de-Grace, Maryland... Tom Brown spent the week end visiting his daughter, Barbara, in Wilmington, Delaware.

J. E. Furbee visited his parents and friends at Reader, West Virginia... Mr. and Mrs. C. R. Kennington traveled to Washington, D.C. to visit her son, Lieutenant Colonel Gunderson, and wife. Majorie Utt spent her ten day vacation at home. Sincere wishes for a speedy recovery are extended to Jim Cooper and Ross Dustman... Mr. C. R. Branfield attended the Complete Round Subcommittee Meeting at St. Louis Ordnance Plant December 11 and 12.

Dean Parks and family have moved from Arsenal premises to a newly remodeled home in the vicinity of Nelson.

Virgil Carpenter spent a few days at OAC in connection with Ordnance activities and traffic safety... During the week of December 17, Jefferson Ramsey traveled to Columbus General Depot in connection with preparation of small arms ammunition ballistic samples.

Under the Surveillance Rotation Plan, Jim Hensley transferred to Seneca Ordnance Depot... Ordnance employees held a Christmas party at the Recreation Building, December 13. Going-away gifts were presented to the honor guests; Mary Decavitch and Estelle Dustman, who are leaving the Ordnance Corps, and to Elmer Canfield who has accepted an overseas assignment in Japan.

Congratulations to Mr. and Mrs. Charles P. McKinley, who celebrated their 37th wedding anniversary on November 26.

Engineering Division

Jack Kohlberg and family enjoyed Thanksgiving weekend in New York City visiting relatives... The Engineering Division held a dinner November 17 at Aurora Inn in honor of Dolly Kalman. She received a cashmere sweater, purse and money from her fellow employees... Get well wishes are extended to Mary Kot who has been quite ill for the past several weeks.

Powerhouse employees enjoying winter vacations are Ed Kaplan, H. E. Gray and John Kavulich... Walter Chlysta is enjoying

(Continued on Page 6)



For Family Living



Christmas DON'TS

Don't use old electric cords and lights on your tree. Test them before using.

Don't fail to dispose of all wrappings as soon as you open your gifts. Don't throw wrappings in the fireplace. Put them in a container outside your home.

Don't fail to remove your tree from the house as soon as possible after Christmas. Don't place it near the house, a fence, or the garage.

Don't forget to follow these simple rules and your Merry Christmas will be followed by a Happy New Year.

Mince pie was originally called "Christmas Pye" and came from England. The "pye" was made in the form of a manger and its spices represented offerings of frankincense and myrrh.

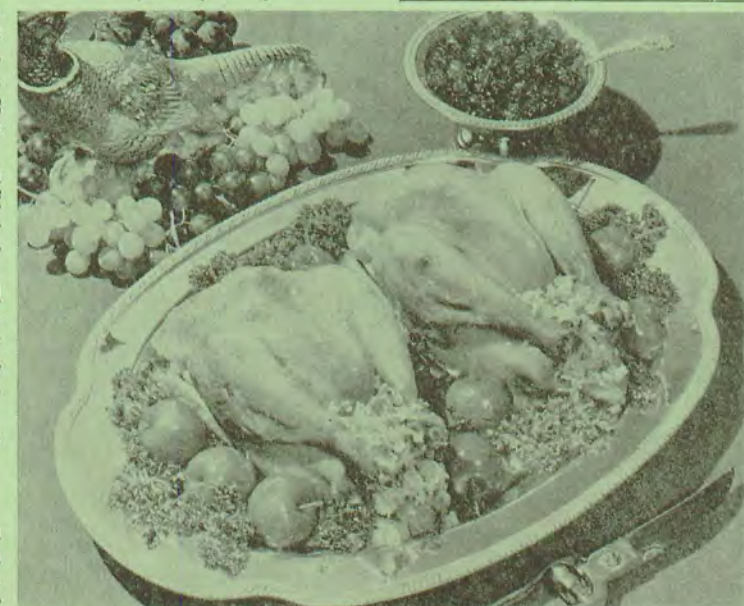
Festive Food For A Festive Day

For your holiday entertaining try serving plump little chickens with bacon and olive stuffing. This new stuffing is different, delicious and so easy to make.

BACON AND OLIVE STUFFING
4 to 6 slices bacon, diced
1/2 cup chopped onions
1-3 cups (5-ounce package) pre-cooked rice
1 1/2 cups water
1/2 teaspoon salt
1 cup diced celery
1/4 cup chopped parsley
1/4 cup sliced stuffed olives
1/2 teaspoon poultry seasoning
dash of pepper

Fry diced bacon in saucepan until crisp. Remove and set aside. Reserve 2 to 3 tablespoons drippings in saucepan. Add onions and sauce until tender but not brown. Add packaged pre-cooked rice, water, salt, and celery. Mix just to moisten all rice. Bring quickly to a boil over high heat. Cover, remove from heat and let stand 13 minutes. Then add bacon and remaining ingredients; mix lightly with a fork. Put stuffing by spoonfuls into poultry. Do not pack tightly. Roast at once. Makes about 4 cups, or enough for small chickens. For turkey, double or triple recipe.

* * *



FIT FOR A KING — Plump, golden brown, chicken stuffed with delicious bacon and olive stuffing will make your holiday dinner a real treat. To make your main dish extra attractive, surround the chickens with bright red crab apples nested in mounds of parsley.

IT'S TWICE AS MUCH FUN to "test" Christmas packages and guess what's in them, when they are wrapped in gay papers and unusual shapes.

* * *

* * *

How To Make...

Pretty Christmas Packages

It's old, but it's new each year, and it's here again—that merry fun-filled Christmas season.

Happy and in tune with the holiday spirit we go about our shopping, carefully selecting presents we hope will please each friend and relative on our list.

Then, when the last gift has been bought, comes the fun of making the packages gay and intriguing with beautiful wrapping paper.

Experts from the Dennison Paper Company offer these hints to help you make your Christmas gifts look as glamorous as the season.

For added color, try using bright red or green tissue to line the inside of the gift box. Pleat two sheets of the paper through the center, fit one into the box and the other across it, allowing the ends to extend.

If the box is to large for one sheet of paper—tape two or more sheets together before you start wrapping. It's never fun to try piecing the paper on the package.

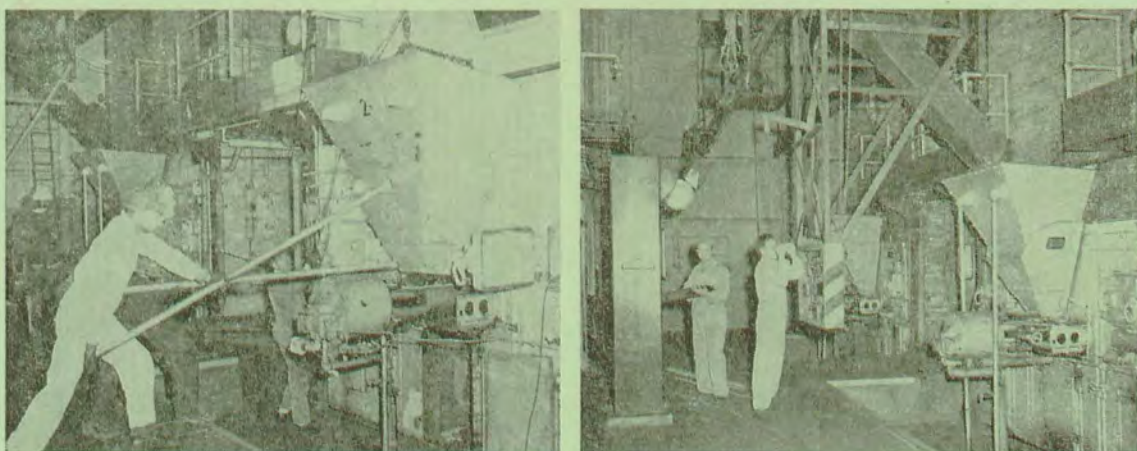
Use ribbon to accent and highlight the colors of the paper. Choose one of the brighter and more prominent colors found in the design and match the ribbon to it. Make sure the ribbon you choose offers the most pleasing contrast to the background of the paper.

Santa's eyes are fairly popping over what he has inside a grab bag gift of paper toweling to Young and old alike love to pull apart a party snapper. For a delightful dash of difference, roll hosiery, lingerie or other small items into an empty paper towel core. Cover with paper, tie ribbon bows at each end and cut remaining paper into coarse fringe.

Now that all the presents are wrapped and ready, give the remaining pieces of the gift papers to the children. They will have a wonderful time cutting them into novel little ornaments which will make bright and colorful additions to the family tree.

You might also encourage them to cut a simple tree shape from green construction paper, which can be trimmed with more of their "creations" and hung on the door or wall of their own room.

"It isn't the number of signs we have Adorning the garage wall. It isn't the movies on safety. Or lectures in some great hall. For accidents cannot be stopped by law, Or somebody's point of view; Though these things help to make us think. The real accident stopper is YOU."



LEFT — When a boiler gets sick, "doctors" must be called. In this case, Maintenance Mechanics R. K. Widger, E. A. Cline and G. O. Henderson repair the stoker on No. 2 boiler at Power House Six. RIGHT — Here is an inside view of Power House No. 3. Engineer W. M. Chlysta takes meter readings while Fireman J. C. Coia (right) unloads coal from a coal larry into the stoker hopper.

Power House Generates Enough Steam To Maintain Heating Needs For 20,000

Remember that last electric storm that knocked out the power in your house and blacked out a whole section of the neighborhood?

Rather inconvenient, wasn't it?

You couldn't finish reading that book, watch the fight on television, use the electric range and your refrigerator received an unscheduled defrosting.

The point is most of us take our power requirements for granted. Not so with the 34 employees who operate Ravenna Arsenal's eight Power Houses. This vital service, which supplies a host of steam for his vast plant — and keeps all of us working — requires constant attention, checking, adjusting and servicing. And, speaking of service, Power House employees are proud of their record of supplying the Arsenal's needs without any major interruption. The staff includes engineers, electricians, and boiler firemen.

Ralph W. Binckley, Power House Foreman, and Robert Howell, Utilities Superintendent, estimate the Power Houses generate enough steam to maintain the heating needs of a city of more than 20,000! That's a lot of hot air in any language!

FEW PEOPLE realize the extent of the operations involved in the production and distribution of steam, mainly, because of the small number of employees actually involved in its direct usage. Steam is generated by raising the temperature of water to its evaporation point under var-

ious conditions of temperature and pressure.

Sounds simple, doesn't it? Let's see how simple it really is.

There are eight Power Houses consisting of five oil-fired and two coal-fired high pressure plants with a capacity of 7,962 horsepower, and one coal-fired, low pressure plant of 178 horsepower. These plants supply steam to all production and administrative areas from the Artillery Primer Line on the west to the Railroad Yards on the east. Air compressors in the Power Houses supply air to the production areas for use in their air-operated tools and equipment.

Basically, the raw materials of any Power House are water, coal and fuel oil — and plenty of it. Last year the gigantic jaws of the Power Houses consumed 11,900 tons of coal, and swallowed 2,785,000 gallons of fuel oil in order to produce nearly five and one-half billion pounds of steam. This quantity of steam represents the evaporation of 123 gallons of water per minute during the entire year.

COAL AND FUEL OIL are purchased from outside vendors on a "guaranteed analysis" basis to insure the maximum BTU output per pound of fuel used. Combustion control is also maintained to insure the greatest operational efficiency and fuel economy.

Fuel oil is delivered by tank truck directly to the oil burning power houses where it is heated, atomized and forced into the boiler. Coal is brought directly to the coal-burning Power Houses from local mines and dumped into hoppers.

The coal is then brought by

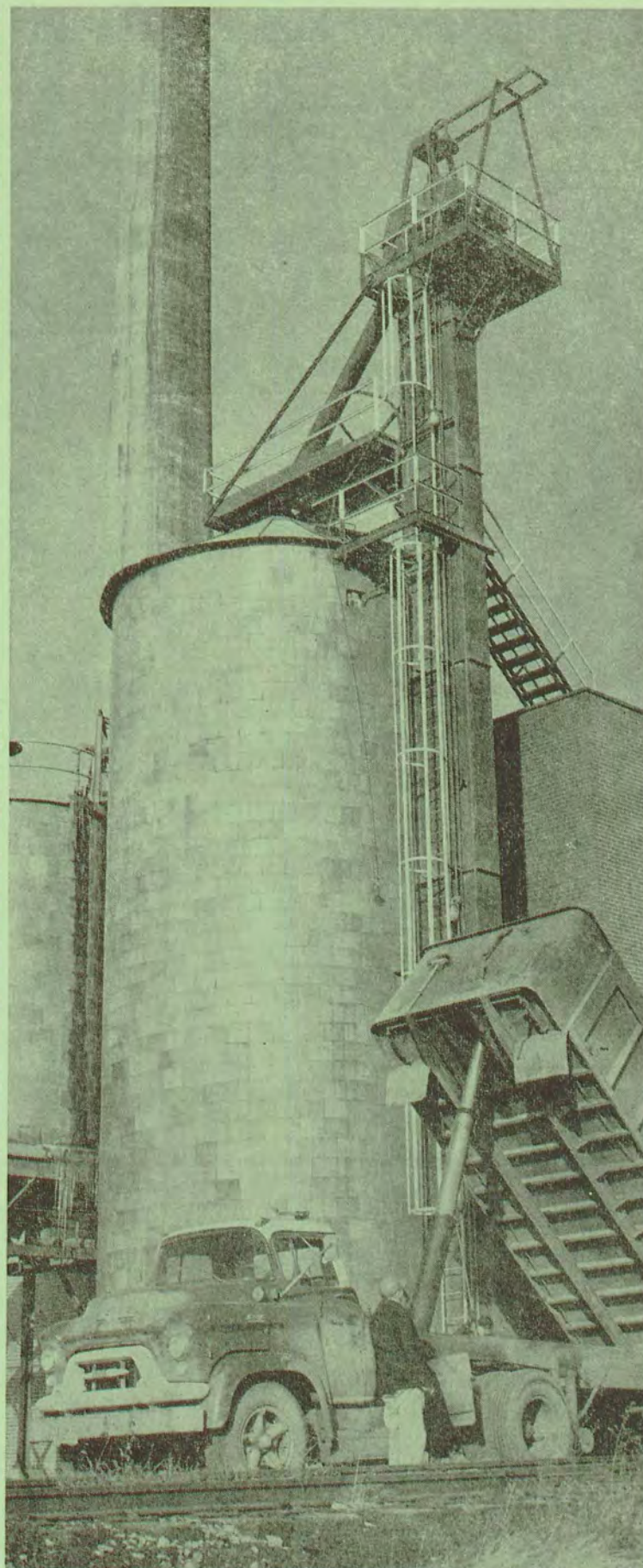
bucket-type elevators into the coal silos from which the motor-driven coal larrys are loaded. Each larry weighs the coal and feeds it automatically into the steam driven stokers supplying the fuel to the boilers.

"Hard" water is one of the Power House's chief enemies. Water must be treated to remove all materials which can corrode or form scales on the boilers. If this were not done, the boilers would soon lose their efficiency by scales forming on the heat conducting surfaces. Or, would soon leak and become dangerous to operate from the loss of metal caused by corrosion. Boiler water analyses are made on each shift and the correct amount of chemicals are added to insure adequate treatment at all times.

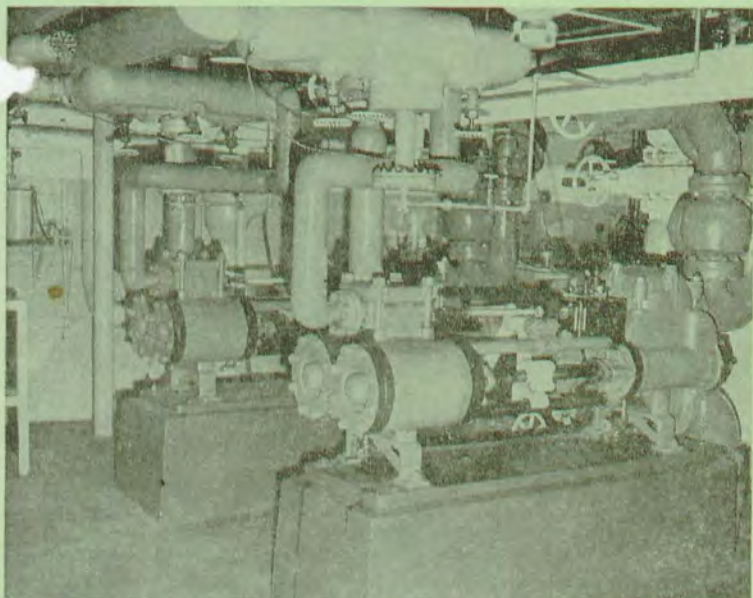
Power House employees are well qualified to carry out their jobs. A licensed stationary steam Engineer is on duty each shift at each high pressure plant, and a licensed boiler fireman is also assigned to each shift at the coal burning plants.

Steam flows through 166,983 lineal feet of elevated pipe lines to keep us warm when the weather is cold. These lines are also used to return the condensate, or condensed steam, to the Power Houses for re-use, and are under constant maintenance both chemically and mechanically.

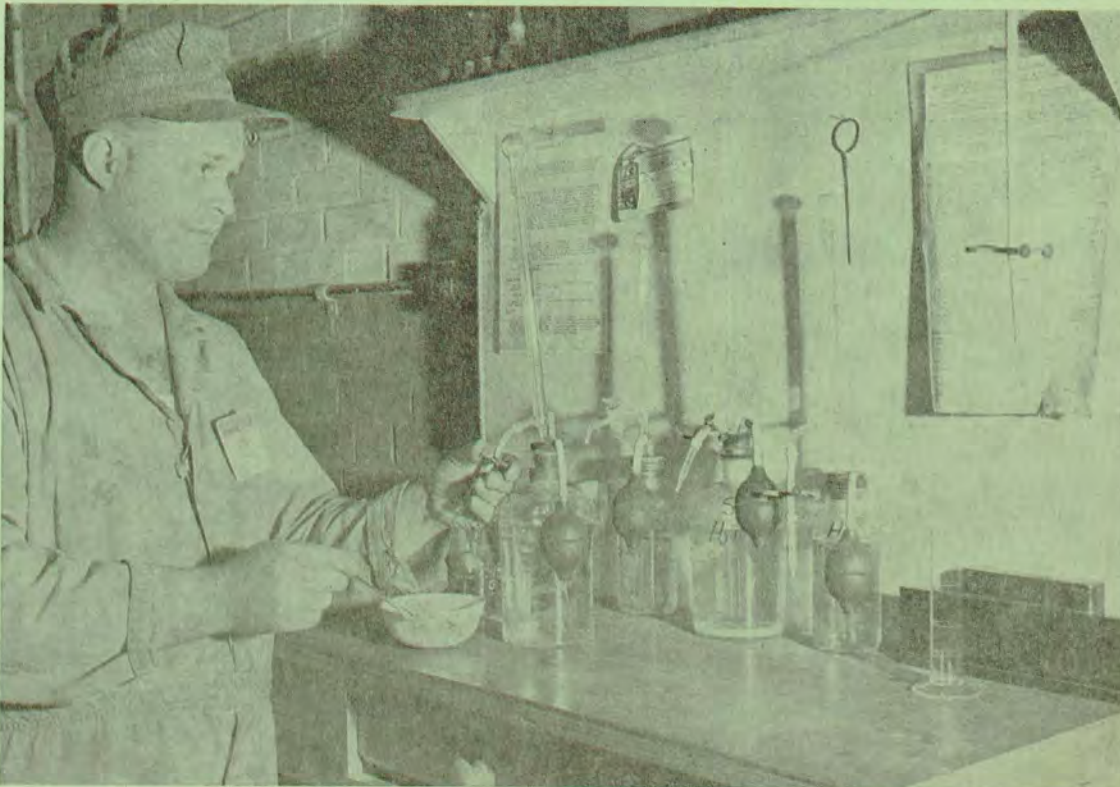
The next time you get chilly and turn on a little more steam, remember it's a simple matter to boil water and make steam — is it?



STOREHOUSE FOR HUNGRY FURNACES — This picture shows how coal is brought by truck to the coal-burning Power Houses, then lifted into a silo by a bucket-type elevator.



POWER PLUS — Above are the feed water pumps at Power House No. 6 which supply water to the high pressure boilers, which furnish the ingredients to keep us warm in winter time.



TESTING FOR "HARD" WATER — Engineer Walter Chlysta tests boiler water for corrosion control at Power House No. 3. "Hard" water is one of the Power House's chief enemies. Water must be treated to remove all materials which can corrode or form scales on the boilers.

Thanks for Community Funds

(Editor's Note: The following letter was received from the Ravenna Community Chest in appreciation for the contributions made by Arsenal employees through the United Fund.)

RAVENNA COMMUNITY CHEST

Ravenna, Ohio

November 28, 1956

Mr. H. M. Krengel
Lt. Col. T. M. Scott, Jr.
Ravenna Arsenal
Apco, Ohio

Gentlemen:

It is with immeasurable appreciation that we write to you in behalf of the Ravenna Community Chest and its eleven participating agencies.

The efforts and contributions of your company and its employees to this year's Community Chest funds drive have been outstanding, but at the same time typical of your whole-hearted support of past community projects. We sincerely believe the degree of success achieved in your employees' United Fund campaign will serve as a goal for others in the area for many years to come.

May we also thank you for the courtesy extended Mr. Fry and myself during our visit at the beginning of the campaign.

Very sincerely yours,
/s/ Dale P. Fosnight
Chairman

Weddings

WOLTZ-SHEARER

Miss Eileen Shearer and T-Sgt. Donald Woltz of the 67th AAA Group, were united in marriage at St. Joseph's Church in Newton Falls on October 27.

They spent their honeymoon in Washington, D. C., and on their return trip visited Sgt. Woltz's parents in Columbus. The newlyweds are making their home on the Arsenal Grounds. Eileen is the daughter of Jack Shearer, Space Heating.

* * *

KESTER - HAMPTON

White candles lighted the windows of Ravenna Grace Episcopal

Church Saturday, November 10, as guests assembled for the wedding of Miss Lucy Hampton and John K. Kester, performed by the Rev. Herbert G. Myers.

Arrangements of white chrysanthemums and two seven-branch candelabra decorated the altar where the bride, a daughter of Mr. and Mrs. George Hampton of Ravenna, appeared on the arm of her father to be given in marriage. Her bridegroom is the son of Mrs. John Kester of Ravenna, and the late Mr. Kester.

THE LOVELY BRIDE chose the gown worn by her sister, Mrs. Richard Miller, for her wedding. The beautiful gown of white silk taffeta was designed in princess style with a train. Tiny covered buttons trimmed the front of the long-sleeved bodice highlighted by a tiny collar of Brussels lace. Her fingertip veil of illusion was attached to a crown of seed pearls. She carried a white prayer book with a white orchid surrounded by a cascade of miniature white roses.

The couple left after the reception for a wedding trip to an un-

Retirements



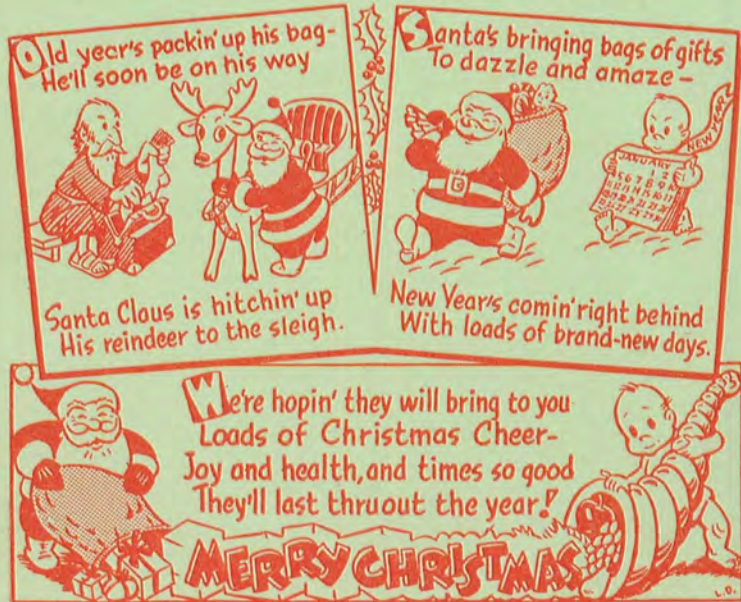
Timothy B. Morgan, Guard — Retired October 21... had worked here for five years... plans to live a life of leisure and work around the house... follows baseball avidly and is a personal friend of Ex-Yankee Tommy Henrich... says he never worked with a nicer group of people than at Arsenal... "ole latch string" is always out to everyone at his home in Canton.



disclosed destination. They are now at home to friends at their newly furnished apartment on Kent-Ravenna Road. The bride is employed in the Arsenal's Main Dispensary.

A Christmas Card

From The Editor and Staff of the NEWS
To Wish Each Reader A Merry Holiday Season



FIRST CHRISTMAS GREETING — An Englishman, Henry Cole, sent the first Christmas cards in 1843. Illustrated above, the card was designed by a then-famous British artist, John Calcott Horsley. (Photo courtesy of Halmark Cards.)

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The Story Of Christmas Cards

On a December day in 1943 an English educator and art patron, Henry Cole, sat at the library desk of his London home addressing to his friends what was probably the first Christmas cards ever printed.

The cards depicted a Victorian family assembled at the festive board and the traditional Christmas customs of giving to the poor. They bore the now-classic greeting: "A Merry Christmas and a Happy New Year to You."

Cole, in a historic move, two months before had commissioned John Calcott Horsley, a Royal Academy artist, to design the card and had printed a thousand lithographed copies which were then hand-tinted by a professional "colorer." Cole dispatched some of the cards to his friends that December and offered the remainder for sale in a London shop.

* * *

GREETING CARDS have advanced a long step in the century since 1843, but the original idea of expressing Christmas greetings with fine art has remained unchanged. Americans shopping for cards this year may select, for example, a painting called "Hunting Scene" by another Royal Academy member — Sir Winston Churchill, Britain's recent prime minister and famed amateur artist. Or he might choose paintings by the late French master, Maurice Utrillo, the Italian, Massimo Campigli, and such famed Americans as Norman Rockwell, Saul Steinberg, Robert Schneckberg and

Thomas Vroman.

* * *

THE APPEARANCE of Henry Cole's card in London in the 1840's coincided, curiously, with a period of great interest in Christmas in England. Prince Albert, Victoria's consort, is said to have introduced the first Christmas tree in England in this era, and Charles Dickens published some of his greatest Christmas stories — "A Christmas Carol," and "The Cricket on the Hearth" in the same decade.

Christmas cards appeared in America only shortly thereafter.

The origin of the first ones is clouded, but one story, which provides a nice American contrast to the British account, gives credit for the first Yule greeting to a New York state dry goods merchant, R. J. Pease of Albany. Pease designed, printed and mailed one of the first examples as an advertisement for his "Great Variety Store and Temple of Fancy."

The best early Christmas art in America came, not unexpectedly, from Boston in the 1870's. Louis Prang, a sensitive and art-loving lithographer whose ideas were years ahead of his time, published his first Christmas card in 1874 and his last less than 20 years later. But in that brief interval he established a collection among the most prized in the world today.

Arsenal Guards Take Top Places In Annual Portage Shooting Match

Arsenal Guards emerged victorious in this year's meeting of the annual shooting match held by Portage County law enforcement departments on October 28.

Course fired was the FBI Combat Course with a possible score of 250. The course included shooting with a 38 caliber revolver, with right and left hands, from distances of seven, 25, 50 and 60 yards. Arsenal guards fire this course annually, and those with the four high scores are selected to compete in the annual Portage County match.

Representing the Arsenal this year were Lt. William White, Patrolman Charles Harvey, Radio Operator George Murphy and Chief R. B. Walters.

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TROPHIES for the individual awards for first, second and third places are sponsored by Meadowview Golf Course Manager Ralph Slates. The marksmanship traveling trophy is sponsored by the Portage County Sheriff.

First place individual trophy this year went to Lt. White with a score of 238 out of the possible 250. Second place was won by Patrolman Harvey with a score of 235, while third place went to Chief Mallett of Windham with a score of 215.

The marksmanship trophy for the highest team award was presented to Chief Walters by Cpl. Carl Knapp of the Ohio State Highway Patrol's Kent Post, last year's winners.

Stork Club

Thanksgiving was a real celebration this year for Mr. and Mrs. Chalmers Jenkins when a new son was born to them on Thanksgiving Day, November 22. Mr. Jenkins is a department inspector on Load Line Three.

It's another boy for the Don Williams family. Their new addition makes a grand total of three sons. Mr. Williams is chief inspector in PE&I Division.

Mr. and Mrs. J. C. Rodgers of Alliance are the proud parents of a 7 lb. 5½ oz. son. The little boy was born on November 14 and was named John Charles. Mr. Rodgers works in Ammunition Inspection.

Congratulations to Mr. and Mrs. Arthur Pete who are the proud parents of a baby girl born on November 28. Mr. Pete works at the Carpenter Shop.

It's a boy for Mr. and Mrs. Eddie Read. Little Gary Howard was born on November 28 and weighed 7½ pounds. Mr. Read works at the Main Garage.



TO THE VICTOR belongs the spoils! The "spoils" in this case being the winners trophies from the annual shooting match held by Portage County law enforcement agencies. Victors in the match are Charles Harvey (left), second place, and William White (right), first place. Chief R. B. Walters was presented the team marksmanship trophy.