

The SAGE SENTINEL

Published Weekly By and For Employees of Hanford Engineer Works By H.E.W. Employees' Association. Not To Be Mailed or Taken From The Area.

VOL. 1, NO. 42

FRIDAY, SEPTEMBER 22, 1944

RICHLAND, WASHINGTON

Fire Safety Week Set for October 8-14

Proclaimed Fire Prevention Week, October 8 to 14 will be observed in Hanford and Richland as a period set aside to emphasize personal and plant fire safety.

Spiked by the first street parades ever held in either of the towns as well as by banners strung across the highways, a Fire Prevention show in Hanford Auditorium October 12 and another in Richland, the week will have a continuous round of activities on the job, in trailer camps, homes, public buildings, offices and schools.

Many Activities

Starting off the seven days' action on October 9 will be the street parades in Hanford and Richland. As the week progresses, the Thursday Community Night will be given over to a program of skits showing fire hazards and presenting the Firemen's Quartet, dances, comedy acts and laughs. Richland will also have a program.

On the Job

On the job, crafts will enter into competition for fire prevention exhibits, while each group will be given special training in fire safety on their particular job. Talks on fire prevention will be included in the regular Monday morning tool box meetings.

In the homes, trailer camps and offices, special bulletins and rules on fire prevention will be distributed to the residents and workers. Speakers and demonstrations will also be a part of the program for these groups.

Schools Take Part

In the schools, it is planned to give blanks to students for making fire hazard inspection of their homes or trailers. Competitions with prizes will be conducted among the children, those in the upper grades giving playlets, with public appearance for the winning skits. Fire drills in all the schools followed by illustrative talks will be another feature of Fire Prevention Week among the younger residents.

As a general project program, highway signs, sound trucks, time card blurbs, posters, special displays and banners will point up the week's theme.

All-Time Program

While the emphasis on Fire Prevention is heightened for a week, sponsors of the movement point out that the seven days from October 8 to 14 are but the forerunner of months of conscientious cooperation on the part of every employee on the project to prevent fires.

Traffic Suggestions

From time to time, suggestions and inquiries are made with reference to traffic problems in the Village of Richland, such as the installation of traffic lights, parking restrictions, etc. In order that these suggestions and inquiries may receive prompt attention and action, a Traffic Committee has been appointed.

Any suggestions or inquiries on this subject in the Richland area should be forwarded to the attention of J. T. Brown, Safety and Fire Protection Division, Municipal Building, Richland.

Urge Medical Calls During Regular Office Hours

Richland residents are urged by the Medical Department to obtain appointments for medical care during regular clinic hours at Kadlec Hospital. One doctor is on emergency call each evening and all day on Sundays and holidays. This emergency service, it is pointed out, is for cases that must have a doctor's attention before the next clinic day.

Richland Activities

Tonight
Football Game - Richland Columbia High School vs. Prosser at temporary field located just north of Richland Park; 5:15 p.m.

September 24
Richland Tennis Championships - First round matches at Richland Park.

Richland Golf Tournament - Second round matches at Twin City Course.

September 26
Richland Lecture Series - Sydney Montague, speaker; Columbia High School Auditorium, 8:30 p.m.

September 27
Basketball Organization Meeting - for all interested team managers; Room 115, Lewis and Clark Grade School, 8:00 p.m.

September 29
Badminton Meeting - for all interested players; Room 112, Sacajawea Grade School, 8:00 p.m.

Oct. 6 Brings Masters Band

October will bring three red (hot) letter dates in bands for the weekend dances on Saturday and Sunday nights in the Auditorium.

For October 7 and 8, none other than Frankie Masters and his band are scheduled, with a date October 6 in Richland. Promised for October 14 and 15, it's Bernie Cummings and his boys. And then October 28 and 29 gives the music of Ted Fio Rito.

Some of the dates are tentative, but it looks like October's going to be a good month for dancing.

Eastern Star Members Will Meet on Thursday

The Richland Eastern Star Club will hold its Thursday afternoon meeting at the home of Mrs. James H. Palmer at 2 o'clock.

Mrs. Palmer's home is located at 86 Van Giesen Street. All members of the club are urged to come.

Open House for New Red Cross Sydney Montague Speaks at Richland Series on Tuesday

The Benton County Chapter of the American Red Cross held open house last Monday evening in the new chapter house in Richland to acquaint Richland residents with local chapter activities.

In Charge of Activities

Mrs. F. T. Matthias, County Volunteer Special Services Chairman, and Mrs. J. C. Schmiedl, County Production Chairman, were in charge of the evening's activities, assisted by Mrs. R. F. Ebbs, Richland Canteen Corps chairman. The Reception Committee included G. P. Church, Lt. Col. and Mrs. F. T. Matthias and Mr. and Mrs. Sommers. Refreshments were prepared by Mrs. T. A. Askew, Nutrition Corps Chairman, assisted by Mrs. Ebbs, Mrs. Charles Obenchain and Mrs. Woods.

Give Demonstrations

Demonstrations of Surgical Dressing Work were made by members of the class, and displays of products made by the Richland Sewing and Knitting Corps were presented.

The new chapter house, located on the corner of Lee Boulevard and George Washington Way in Richland, is one of the finest Red Cross buildings in the state. Offices of the Executive Secretary, Catherine Matthews, and the Home Service Secretary, Mrs. Norma Johnson, are housed in the building which includes a class room for First Aid, Home Nursing, Staff Assistance and Home Service Corps, a sewing room, surgical dressing room, kitchen for Canteen and Nutrition Corps work, and a nursery for children of volunteer workers.

Scrap Paper Collections Thursday in Division 4-5

A scrap paper collection, under the sponsorship of the Richland Junior Chamber of Commerce assisted by youth organizations of the Village, is planned for next Thursday in Divisions 4 and 5 of Richland. Residents are asked to tie newspapers and magazines in bundles, but not to place them outside. Representatives will call at the homes and pick up the paper.

Job Improvement Expert



Sixteen Job Improvement suggestions submitted—and 11 of them accepted for use, is the record of J. E. Jeppson, Mechanic Foreman of Transportation. No newcomer at thinking up new ways and means, "Jep" once drew \$200 for a suggestion accepted by a Remington Arms plant.

Says he: "I make suggestions for improving the job regularly because I feel that this little extra effort that I contribute to the fight—like subscribing to the Bomber or buying an extra bond each month, may speed the job and save a few lives. My ideas may not all be good ones that can be used, but at least they call attention to possible improvements. It seems to me that this kind of thinking and action by everyone of us here at Hanford would produce real results."

From Salt Lake City, Jeppson lives in Yakima with his wife and youngsters—two boys and a girl.



Sydney Montague

The Richland Lecture Series, under the auspices of the Richland Junior Chamber of Commerce, presents Sydney R. Montague as their first speaker Tuesday at 8:30 p.m. in the Columbia High School Auditorium.

"Monty of the Mounties"

Sydney Montague, known to the public as "Monty of the Mounties," served for many years as a member of the famous Royal Canadian Mounted Police during which time he did extensive patrol duty in the Great North.

A popular favorite of the lecture platform for the past 10 years, he has brought stories of his life as a Mountie and his adventures in the North to hundreds of audiences from coast to coast.

"America Looks North"

In his speech, "America Looks North," he will discuss the future of the Great North, the natural resources waiting to be tapped, and the vast new worlds to conquer. His lecture is packed with facts and his power of description, vivid.

Need Help in Village Shops

The help situation in Richland is acute, according to reports received by the Commercial Facilities Division from operators of the various commercial facilities in the Village.

Food stores, drug stores and merchandise stores, as well as garages, service station, milk company, laundry, cafeteria, coffee shop and other commercial facilities report a definite need for full or part-time assistance in order to render efficient service to Village residents. Part-time help will be welcomed, it is said.

Persons who are not otherwise employed and who are willing and able to take a hand in alleviating this critical situation should make application for employment to the managers of the facilities. Information on facilities locations, business hours, etc., may be secured from the Commercial Facilities Division, phone R-121.

To Form Cage Teams

All basketball managers and others interested in forming teams in the Village of Richland are urged to attend an organization meeting called by the Richland Activities Division for Wednesday evening at the Lewis-Clark Grade School. The meeting will be held in Room 115 and will start at 8:00 p.m. Preliminary plans for league play will be discussed.

Concert Tickets Should Be Properly Registered

Persons who have purchased season tickets turned back by other persons for the First Columbia Concert Series in Richland and who have not registered the tickets in their own names should do so immediately. Unless this is done, season membership cards will be mailed to those persons whose names originally appeared on the ticket stubs. Correction of the registration may be made by calling at the Village Activities Division office in the Municipal Building.

Plan Organization Meet of Badminton Players

The Richland Activities Division has called a meeting of Village badminton players to plan a program of fall and winter participation in this popular sport. The meeting will be held next Friday evening, at 8:00 p.m. in Room 112 of the Sacajawea Grade School. All persons interested in playing badminton during the coming season are invited to attend.

Play Football With Prosser

Richland's first conference game is scheduled to play against Prosser tonight at 5:15 p.m. The game will be played on the temporary field, just north of the park.

The "Football Jamboree," held last Friday in Kennewick, opened the gridiron season in this part of the state. Six teams were organized into two main teams. The Lower Valley team consisted of Richland, Kennewick and Pasco. Upper Valley had Prosser, Grandview and Sunnyside. The fast moving game had a total of nine consecutive quarters of play. The winning side, Lower Valley, was aided in its victory by Richland's surprising up-and-coming team.

Richland, Pasco and Prosser scored one touchdown each, Kennewick scoring two. Final totals were 27-6 in favor of Lower Valley.

Richland's team: L. E., Bill Beaver; L.T., Jim Domrose; L.G., Don Bloomer; O., Van Clippard; R. G., Leroy Piels; R.T., Robert Ross; R. E., Norman Dam; Q.B., George Franceschini; L.H., Dean Canum; R. H., Bill Whaley, and F. B., Harold Ludwig. Substitutions: John Ingram, R. G.; Art Sirocolum, L. H., and Kenneth Grubb, F. B., who scored the one Richland touchdown.

Two thousand enthusiastic fans cheered their respective teams on in this starter.

Accounting Department On the Beam for Week

"On the Beam" spotlight is on the Accounting Department for their extensive safety program. Each of the six separate groups in the department conducts its own safety meetings.

Good housekeeping, a big problem for the department due to the large amount of supplies, equipment and paper that are necessary to their type work, is stressed through regular and unexpected inspections. As a result of department wide suggestions, safety hazards have been eliminated. File cabinets were anchored, worn floor boards were replaced and general office equipment has been repaired.

Aim of the department is to keep its members safety-conscious at all times.

THE SAGE SENTINEL

"Let's All Hew To The Line!"

Editor _____ Helen D. Wiederrecht

Vol. 1, No. 42

Friday, September 22, 1944

Editorial suggestions and contributions should be sent to the Editor, Information Service Building, handed to your foreman, supervisor or placed in suggestion boxes. Deadline for all copy is one week previous to publication. Phone Extension 8661.

Copyright, 1944 by Hanford Engineer Works. The information contained in this publication shall not be communicated to the public or press. Requests for permission to reprint any or all of the contents must be made in writing to the Management, Hanford Engineer Works, P.O. Box 429, Pasco, Washington. No advertising can be accepted.

Joe's Xmas Mail

A soldier can go without mail from home for a long time and though there may be a canker eating within him, because of the neglect of his "loved" ones, he can, if he cares to, keep it from his friends by not mentioning such treatment. Many do. And many become reckless, thinking they have been forgotten. How cruel!

And how much more so to dilly-dally, fritter away these days between September 15 and October 15, when the Christmas mail should be sent. The men can hide their frustration through long, lonely months when no letters come, but how, pray God, are they going to answer a shining-eyed pal who shows his remembrance from home and asks: "What did you get?"

Don't take a chance! Give that boy his due! And how about letting him do a little giving of his own? Why not include a whole bunch of trinkets from the Five & Dime that he can give to some war-torn kids who will probably learn about Xmas from him? It's a thought!

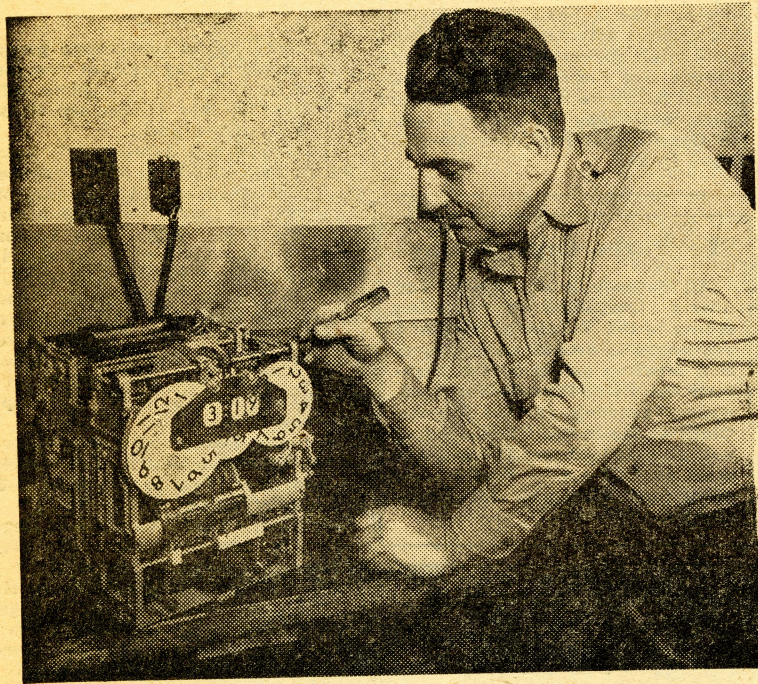
Tempus Fugits

It is a lot of fun to vote. It gives a person a feeling of satisfaction (releases inhibitions, the psychologists say) to take a personal "punch" at what you may deem four (or is it 12?) years of mis-rule, or to tell some New York "Buster Brown" that you never send a boy to mill.

Or there may be some miscreant back home who's been getting more than you think his share and you would like to see him go back to work. Or Cousin Ike may be running for (not from, this year) sheriff. He'd like to hear from you, come election. Generally, it takes about 30 days for absentee voting. The rules on this vary with the different states, but the Hanford and Richland Information Offices know the law and can give questioners the dope.

Or the Notary Public (Mrs. Annette Lindsay in Richland, Vernon Harmon in Hanford) can fix you up if you've been a Washington resident long enough to vote in the state.

The Fuddy-Duddy Watchmaker



Have you ever come hustling to the clock alley, hoping you'd be able to hit that electrical imp before it turned over to 8:01? Ever? Only to see it do that little thing just before you entered your card? One split-second late, and docked 12 minutes! Feel like there ain't no justice, and that some squint-faced little gremlin is sitting there watching and waiting just for you, chuckling with glee at your frustration? Well, it ain't no gremlin, it's Oscar B. Lentz. Down on B Avenue he's got a shack he holes up in—this fuddy-duddy watchmaker. It's a quiet place, where the master clocks swing their philosophic pendulums in serene indifference to the intermittent impertinence of the time clocks in for repair. There are about 300 clocks serviced by Lentz and three others. Dave Douglas and Herbert Emmons, journeymen, and their helper, Forrest Havig. Wind-blown sand is their big headache, and it is this that fouls up the clocks. Leading from the master clock are four distribution panels: one for the clock alleys, one

for Olympic, one that automatically sounds the sirens at any set time and one that leads to the shop itself. Any one of these may be "knocked out" without disturbing the others.

The master clock is really a dilly. It can do more tricks than two magicians. The thing is eerie. For instance, if a "pot blows" (transformer goes out) the master clock continues to tick its dignified way. During the time the alley clocks are "dead" it will record that "dead" time and automatically adjust all its subsidiaries, once the power is on.

The clocks are cleaned and oiled regularly and now with fall and winter coming on, each will receive its individual foot-warmer. For, as the thermometer drops, the oil congeals, unless heated, and little three-inch heating units that look like a fuse, are installed.

"No, we've got no Gremlins," Lentz tells you, "I don't care what they say." But he won't let you look inside the master clock!

Carpentry: From Noah's Ark Up to the Assembly-Line

There is more to Carpentry than a hammer and a saw. The craft has come a long way since Brother Noah built his Ark.

Open New Fields

New tools, more and better brains, new adaptations for old material and undreamed of uses for new has opened for the craft, once the war is won, new possibilities and opportunities in many fields. The craftsman who built the barn or set the form for your concrete walk is a vastly improved workman. He is no longer confined to working in 16th's inches or 32nd's. Here at Hanford precision work is accomplished that would bug the eyes of an old-timer. The Hanford carpenter works—when needed—with tolerances down to the 1000th part of an inch. Why such micromatic precision is needed here is none of our business. It's enough to know that these mechanics can do it and do.

Assembly Line Methods

In days gone by the old-time journeyman carpenter would take his blueprints and build anything constructed of wood. Today, on a job like ours, this is no longer true—not when the work must be got out so rapidly and so precisely. They have evolved that feature so typically American: The Assembly Line.

Hanford Auditorium is an example of how this line works. And its details could be for any other job here as well. Permission was granted to erect this building only if it could be done in two weeks. Our Carpenter Craft functioned and the dancers were swinging out on the tenth night! Anyone the least familiar with the problems involved in such a large structure marvels at such work. Let the uninitiated just wonder how it could be done.

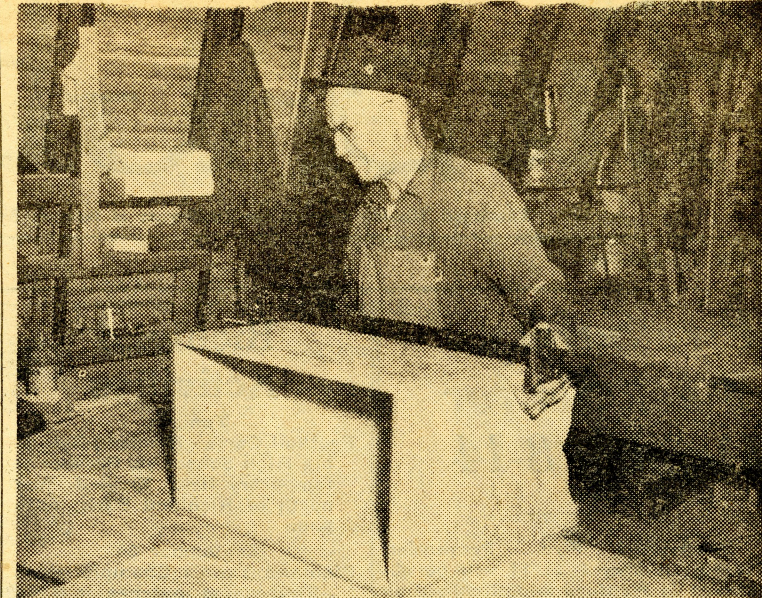
No haphazard construction, each section of it can be dismantled and removed, piecemeal, wherever it is wanted.

Step-by-Step

First came the prints which, once drawn, were given to Material Take-off. M.T. listed every square foot of lumber, every nut and bolt, every nail and tool that would be needed. From there the dope was shot to Material Control, or Expeditors, whose job it was to see that the material flowed with an uninterrupted smoothness. Thence to the Carpenter Shop where the physical workers of today's carpentry are performed.

Breaking the prints down into detailed sketches, labeling each and forwarding them to that particular niche where each job was done, was the work of the Detail Room. Then the Shop proper. The Pattern Makers, Truss Layout, Sawyers, Cab-

He's Typical Carpenter



Clyde Anderson, above, is a fine example of the Carpenter's "know-how." Thirty-eight years a journeyman, Anderson, is now employed as a cabinet maker at the Utilities Shop at Hanford.

inet Makers, to the Form men and to a multitude of others. And over many acres of work area, the Auditorium took shape like some gargantuan jig-saw puzzle.

Job Cooperation

No longer was it the old-style carpenter with his prints and his saw doing the job alone. It could never have been done in such time. Indeed, he played his all-important part, well enough. For as each prefabricated piece was sent to the point of erection it had to be placed and fitted. And before that, he had been on the land, installing and adjusting his "kickers" and "whalers" so concrete could be poured straight and true. He was there with his chalk-line and level, his hammer, his nails and, above all, his "know-how."

And when the ditches were dug, when Safety thought they might slide and hurt a workman, it was the journeyman carpenter who was in that dangerous ditch, "shoring up," making it safe for others. Or on the roof when dangerous spots arose, it was the carpenter who erected the safety barricade. Indeed the "old-time" carpenter will never die. It is only that he and his craft are smart enough to improve themselves. He has knowledge of wood, its shrinking properties, its tensile strength, the way it should be sawed and shored. These and a multitude of other factors are needed from the brain of the man with the hammer. You can't get them from an assembly line!

The Impossible Done

And as the portions poured out from the Shop, into the waiting hands of the men on the site, the building took shape with such rapidity that carpenters who've worked the world over stood and marveled. "It couldn't be done." Well, it was

done! and how well they build is evidenced in the trueness with which the building now stands, months after its completion.

In the Carpenter Shop, that feeds the whole area, they have such diverse equipment as an automatic saw-setter (developed by their own men and does the 20-minute job in a minute-and-a-half), a saw mill, joiners, drill presses, planers, mortisers (a tool that cuts and bores a square hole, believe it or not), tenons, routers, machines for making dowels, and an endless chain of others that leaves an outsider floundering in his ignorance.

Extensive Tool Box

Look at the journeyman's tool box. Look at his pride. Look at the tools he knows and uses in his work: Steel and mitre squares, levels, plumb bobs, claw hammer, wrecking bar, crosscut and rip saws, a jack plane, whole sets of chisels and augur bits, braces, hand ax, chalk-line, nail set, dividers, steel tape, expansion bits, pliers and wrenches. That is a bare minimum. Any carpenter worth his salt will hardly have started when he's shown you these.

They have brains, these carpenters, and they have fierce pride. They enter a job in the "rough," when there is not one stone or board upon another. And they are here when the last piece is put away. Their personal equipment costs them many hundred dollars. They operate and understand anything from a pen knife to a saw mill. There has been no drive nor any appeal for money, here at Hanford that hasn't seen the Carpenters looking eye to eye with the leader and oft times beckoning the next best to come on.

Yes, there is more to carpentry than a hammer and saw!

Question Box

(You may send in any question relating to the problems of project employees and it will be answered in this column. Address THE SAGE SENTINEL, Room 312 Training and Relations Building, Hanford.)

Q—I was recently discharged from the army on account of service incurred disabilities, and did not file any claim for compensation. Have I lost my right to do so? C.T.K.

A—Failure to file a claim should be without prejudice to any right the veteran may subsequently assert.

Q—Could you tell me the population of Hanford prior to the start of the project? M.H.L.

A—According to the last census, the figure was 617.

Q—Can you inform an inquiring mind how soon this project will be completed? M.L.R.

A—This job is like a race. We may have reached the half-way mark, or even the three-quarter mark, but one thing is sure—we haven't reached the finish line yet.

Q—Please inform me in your Question Box when and where the Masonic Club meets. C.W.P.

A—Monday nights at 7:30 at Community Building.

For the convenience of all employees on this project, an INFORMATION SERVICE office is open from 8 A.M. until 9 P.M. every day except Sunday. It is located in the TRAINING AND RELATIONS Building, opposite the Time Office, on B Avenue. Go there at any time when you need help.

'Sage of the Barracks' Isn't All Beer 'n Skittles

I picked up some stuff this week that I thought was mighty funny. But tonight at Mess I heard something that wasn't funny and what I had written up didn't sound funny, so I pitched it in the waste basket.

Guy sittin' opposite me was just a gripin' his head off 'bout everything in general to the guy next. The guy next just sat back lookin' off into space a noddin' his head an' sayin' uh huh an' so forth.

Finally he says, "Look, chum, I don't know you, but I been listenin' to you same as I've listened to other guys now an' then with the same story, an' I'm hungry fer somebody to listen to me for a spell.

"The time is comin' when a good many of us kin go back home. It ain't goin' be as soon as some folks think, I suppose, but six months ago it looked like years, an' now maybe we can count it in months.

"While you talked, I looked over this crowd of men. I see a few young faces, but mostly they got silver like you an' me in their hair. So, naturally, I thought about their kids, who right this minute are doin' a good job of fixin' it so's you an' me an' the rest of this silver block kin go back home.

"Most of them kids from my home town was still roamin' the streets there when I left four years ago. The 15 to 18-year-olds I remember best, 'count of seein' a lot of 'em. Their irresponsible ways bothered

me some. 'Specially on Saturdays when many of 'em monopolized the coke counter at the corner drug store. Cocky little jaspers with their 15 cents spendin' money. Funny little red and blue hats with a feather in the band an' the brim turned up. Sloppy pants with cuffs rolled up, crackin' wise an' tryin' to be a devil with the little gal kids.

"That's the way I remember 'em, it's hard now fer me to realize that them same kids is the ones who's fixin' to send us folks back home.

"But I know that the toughest deal for me is yet to come, when I git back an' look over that service honor roll we got in our town. I'll see the names of some of them little guys who didn't make it back.

"Brother, when I meet the mom an' pop of Johnny, Pete or Paul who had to miss that boat back, I want to be able to face 'em fair an' square, knowin' that I tried to do my part; knowin' that I never did or said anything I'd be ashamed to have 'em see or hear.

"To me he's still an' always will be the cocky little kid I knew when I left—who went away on a job I couldn't do as well, an' had to stay, so's guys like you an' me an' his buddies can go back to the freedom and comforts of home that we missed so much while we was away.

"Now if this sounded like a sermon to you, please forgive me. I only told you the things I was thinkin' while you was talkin'."

Buy More War Bonds

THE SAGE SENTINEL

"Let's All Hew To The Line!"

Editor _____ Helen D. Wiederrecht

Vol. 1, No. 42

Friday, September 22, 1944

Editorial suggestions and contributions should be sent to the Editor, Information Service Building, handed to your foreman, supervisor or placed in suggestion boxes. Deadline for all copy is one week previous to publication. Phone Extension 8661.

Copyright, 1944 by Hanford Engineer Works. The information contained in this publication shall not be communicated to the public or press. Requests for permission to reprint any or all of the contents must be made in writing to the Management, Hanford Engineer Works, P.O. Box 429, Pasco, Washington. No advertising can be accepted.

Joe's Xmas Mail

A soldier can go without mail from home for a long time and though there may be a canker eating within him, because of the neglect of his "loved" ones, he can, if he cares to, keep it from his friends by not mentioning such treatment. Many do. And many become reckless, thinking they have been forgotten. How cruel!

And how much more so to dilly-dally, fritter away these days between September 15 and October 15, when the Christmas mail should be sent. The men can hide their frustration through long, lonely months when no letters come, but how, pray God, are they going to answer a shining-eyed pal who shows his remembrance from home and asks: "What did you get?"

Don't take a chance! Give that boy his due! And how about letting him do a little giving of his own? Why not include a whole bunch of trinkets from the Five & Dime that he can give to some war-torn kids who will probably learn about Xmas from him? It's a thought!

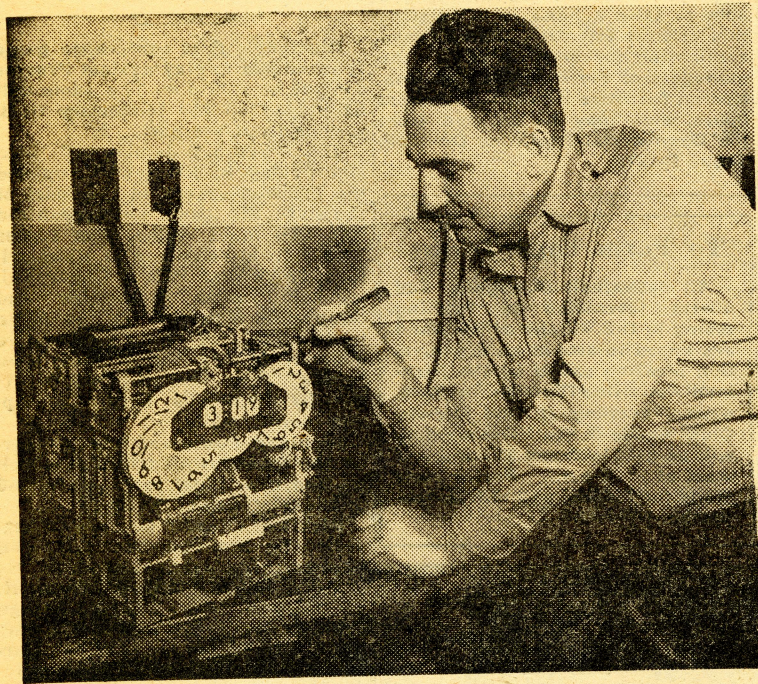
Tempus Fugits

It is a lot of fun to vote. It gives a person a feeling of satisfaction (releases inhibitions, the psychologists say) to take a personal "punch" at what you may deem four (or is it 12?) years of mis-rule, or to tell some New York "Buster Brown" that you never send a boy to mill.

Or there may be some miscreant back home who's been getting more than you think his share and you would like to see him go back to work. Or Cousin Ike may be running for (not from, this year) sheriff. He'd like to hear from you, come election. Generally, it takes about 30 days for absentee voting. The rules on this vary with the different states, but the Hanford and Richland Information Offices know the law and can give questioners the dope.

Or the Notary Public (Mrs. Annette Lindsay in Richland, Vernon Harmon in Hanford) can fix you up if you've been a Washington resident long enough to vote in the state.

The Fuddy-Duddy Watchmaker



Have you ever come hustling to the clock alley, hoping you'd be able to hit that electrical imp before it turned over to 8:01? Ever? Only to see it do that little thing just before you entered your card? One split-second late, and docked 12 minutes! Feel like there ain't no justice, and that some squint-faced little gremlin is sitting there watching and waiting just for you, chuckling with glee at your frustration? Well, it ain't no gremlin, it's Oscar B. Lentz. Down on B Avenue he's got a shack he holes up in—this fuddy-duddy watchmaker. It's a quiet place, where the master clocks swing their philosophic pendulums in serene indifference to the intermittent impertinence of the time clocks in for repair. There are about 300 clocks serviced by Lentz and three others. Dave Douglas and Herbert Emmons, journeymen, and their helper, Forrest Havig. Wind-blown sand is their big headache, and it is this that fouls up the clocks. Leading from the master clock are four distribution panels: one for the clock alleys, one

for Olympic, one that automatically sounds the sirens at any set time and one that leads to the shop itself. Any one of these may be "knocked out" without disturbing the others.

The master clock is really a dilly. It can do more tricks than two magicians. The thing is eerie. For instance, if a "pot blows" (transformer goes out) the master clock continues to tick its dignified way. During the time the alley clocks are "dead" it will record that "dead" time and automatically adjust all its subsidiaries, once the power is on.

The clocks are cleaned and oiled regularly and now with fall and winter coming on, each will receive its individual foot-warmer. For, as the thermometer drops, the oil congeals, unless heated, and little three-inch heating units that look like a fuse, are installed.

"No, we've got no Gremlins," Lentz tells you, "I don't care what they say." But he won't let you look inside the master clock!

Carpentry: From Noah's Ark Up to the Assembly-Line

There is more to Carpentry than a hammer and a saw. The craft has come a long way since Brother Noah built his Ark.

Open New Fields

New tools, more and better brains, new adaptations for old material and undreamed of uses for new has opened for the craft, once the war is won, new possibilities and opportunities in many fields. The craftsman who built the barn or set the form for your concrete walk is a vastly improved workman. He is no longer confined to working in 16th's inches or 32nd's. Here at Hanford precision work is accomplished that would bug the eyes of an old-timer. The Hanford carpenter works—when needed—with tolerances down to the 1000th part of an inch. Why such micromatic precision is needed here is none of our business. It's enough to know that these mechanics can do it and do.

Assembly Line Methods

In days gone by the old-time journeyman carpenter would take his blueprints and build anything constructed of wood. Today, on a job like ours, this is no longer true—not when the work must be got out so rapidly and so precisely. They have evolved that feature so typically American: The Assembly Line.

Hanford Auditorium is an example of how this line works. And its details could be for any other job here as well. Permission was granted to erect this building only if it could be done in two weeks. Our Carpenter Craft functioned and the dancers were swinging out on the tenth night! Anyone the least familiar with the problems involved in such a large structure marvels at such work. Let the uninitiated just wonder how it could be done.

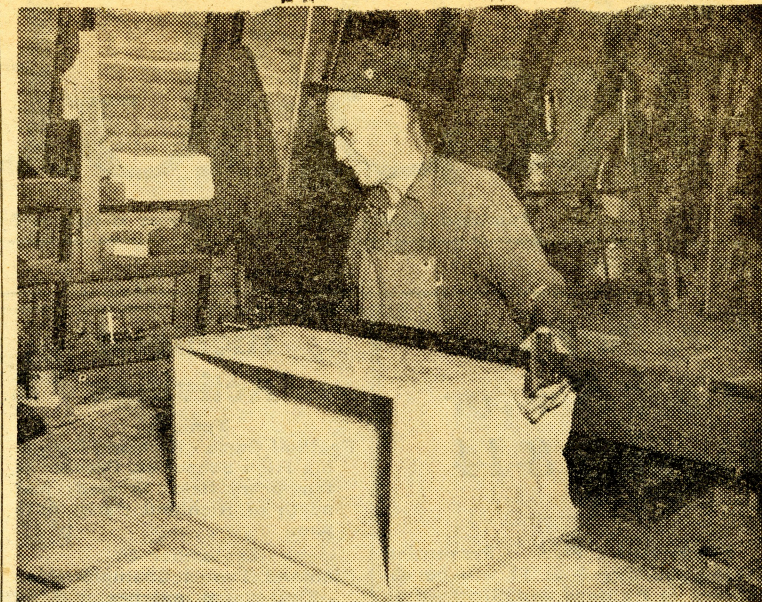
No haphazard construction, each section of it can be dismantled and removed, piecemeal, wherever it is wanted.

Step-by-Step

First came the prints which, once drawn, were given to Material Take-off. M.T. listed every square foot of lumber, every nut and bolt, every nail and tool that would be needed. From there the dope was shot to Material Control, or Expeditors, whose job it was to see that the material flowed with an uninterrupted smoothness. Thence to the Carpenter Shop where the physical workers of today's carpentry are performed.

Breaking the prints down into detailed sketches, labeling each and forwarding them to that particular niche where each job was done, was the work of the Detail Room. Then the Shop proper. The Pattern Makers, Truss Layout, Sawyers, Cab-

He's Typical Carpenter



Clyde Anderson, above, is a fine example of the Carpenter's "know-how." Thirty-eight years a journeyman, Anderson, is now employed as a cabinet maker at the Utilities Shop at Hanford.

inet Makers, to the Form men and to a multitude of others. And over many acres of work area, the Auditorium took shape like some gargantuan jig-saw puzzle.

Job Cooperation

No longer was it the old-style carpenter with his prints and his saw doing the job alone. It could never have been done in such time. Indeed, he played his all-important part, well enough. For as each prefabricated piece was sent to the point of erection it had to be placed and fitted. And before that, he had been on the land, installing and adjusting his "kickers" and "whalers" so concrete could be poured straight and true. He was there with his chalk-line and level, his hammer, his nails and, above all, his "know-how."

And when the ditches were dug, when Safety thought they might slide and hurt a workman, it was the journeyman carpenter who was in that dangerous ditch, "shoring up," making it safe for others. Or on the roof when dangerous spots arose, it was the carpenter who erected the safety barricade. Indeed the "old-time" carpenter will never die. It is only that he and his craft are smart enough to improve themselves. He has knowledge of wood, its shrinking properties, its tensile strength, the way it should be sawed and shored. These and a multitude of other factors are needed from the brain of the man with the hammer. You can't get them from an assembly line!

The Impossible Done

And as the portions poured out from the Shop, into the waiting hands of the men on the site, the building took shape with such rapidity that carpenters who've worked the world over stood and marveled. "It couldn't be done." Well, it was

done! and how well they build is evidenced in the trueness with which the building now stands, months after its completion.

In the Carpenter Shop, that feeds the whole area, they have such diverse equipment as an automatic saw-setter (developed by their own men and does the 20-minute job in a minute-and-a-half), a saw mill, joiners, drill presses, planers, mortisers (a tool that cuts and bores a square hole, believe it or not), tenons, routers, machines for making dowels, and an endless chain of others that leaves an outsider floundering in his ignorance.

Extensive Tool Box

Look at the journeyman's tool box. Look at his pride. Look at the tools he knows and uses in his work: Steel and mitre squares, levels, plumb bobs, claw hammer, wrecking bar, crosscut and rip saws, a jack plane, whole sets of chisels and augur bits, braces, hand ax, chalk-line, nail set, dividers, steel tape, expansion bits, pliers and wrenches. That is a bare minimum. Any carpenter worth his salt will hardly have started when he's shown you these.

They have brains, these carpenters, and they have fierce pride. They enter a job in the "rough," when there is not one stone or board upon another. And they are here when the last piece is put away. Their personal equipment costs them many hundred dollars. They operate and understand anything from a pen knife to a saw mill. There has been no drive nor any appeal for money, here at Hanford that hasn't seen the Carpenters looking eye to eye with the leader and oft times beckoning the next best to come on.

Yes, there is more to carpentry than a hammer and saw!

Question Box

(You may send in any question relating to the problems of project employees and it will be answered in this column. Address THE SAGE SENTINEL, Room 312 Training and Relations Building, Hanford.)

Q—I was recently discharged from the army on account of service incurred disabilities, and did not file any claim for compensation. Have I lost my right to do so? C.T.K.

A—Failure to file a claim should be without prejudice to any right the veteran may subsequently assert.

Q—Could you tell me the population of Hanford prior to the start of the project? M.H.L.

A—According to the last census, the figure was 617.

Q—Can you inform an inquiring mind how soon this project will be completed? M.L.R.

A—This job is like a race. We may have reached the half-way mark, or even the three-quarter mark, but one thing is sure—we haven't reached the finish line yet.

Q—Please inform me in your Question Box when and where the Masonic Club meets. C.W.P.

A—Monday nights at 7:30 at Community Building.

For the convenience of all employees on this project, an INFORMATION SERVICE office is open from 8 A.M. until 9 P.M. every day except Sunday. It is located in the TRAINING AND RELATIONS Building, opposite the Time Office, on B Avenue. Go there at any time when you need help.

'Sage of the Barracks' Isn't All Beer 'n Skittles

I picked up some stuff this week that I thought was mighty funny. But tonight at Mess I heard something that wasn't funny and what I had written up didn't sound funny, so I pitched it in the waste basket.

Guy sittin' opposite me was just a gripin' his head off 'bout everything in general to the guy next. The guy next just sat back lookin' off into space a noddin' his head an' sayin' uh huh an' so forth.

Finally he says, "Look, chum, I don't know you, but I been listenin' to you same as I've listened to other guys now an' then with the same story, an' I'm hungry fer somebody to listen to me for a spell.

"The time is comin' when a good many of us kin go back home. It ain't goin' be as soon as some folks think, I suppose, but six months ago it looked like years, an' now maybe we can count it in months.

"While you talked, I looked over this crowd of men. I see a few young faces, but mostly they got silver like you an' me in their hair. So, naturally, I thought about their kids, who right this minute are doin' a good job of fixin' it so's you an' me an' the rest of this silver block kin go back home.

"Most of them kids from my home town was still roamin' the streets there when I left four years ago. The 15 to 18-year-olds I remember best, 'count of seein' a lot of 'em. Their irresponsible ways bothered

me some. 'Specially on Saturdays when many of 'em monopolized the coke counter at the corner drug store. Cocky little jaspers with their 15 cents spendin' money. Funny little red and blue hats with a feather in the band an' the brim turned up. Sloppy pants with cuffs rolled up, crackin' wise an' tryin' to be a devil with the little gal kids.

"That's the way I remember 'em, it's hard now fer me to realize that them same kids is the ones who's fixin' to send us folks back home.

"But I know that the toughest deal for me is yet to come, when I git back an' look over that service honor roll we got in our town. I'll see the names of some of them little guys who didn't make it back.

"Brother, when I meet the mom an' pop of Johnny, Pete or Paul who had to miss that boat back, I want to be able to face 'em fair an' square, knowin' that I tried to do my part; knowin' that I never did or said anything I'd be ashamed to have 'em see or hear.

"To me he's still an' always will be the cocky little kid I knew when I left—who went away on a job I couldn't do as well, an' had to stay, so's guys like you an' me an' his buddies can go back to the freedom and comforts of home that we missed so much while we was away.

"Now if this sounded like a sermon to you, please forgive me. I only told you the things I was thinkin' while you was talkin'."

Buy More War Bonds

Go Two Weeks Without Major

Two weeks without a lost time accident is the record established to date in the "Accident-Free Month" campaign for September.

Three Lose Standing

Marring the record last week for the month were four major accidents, causing the project in its entirety, duPont as a whole and one area to lose their better than two-million safe-hours rating.

Areas retaining their two-million standings are: Hanford, with 2,553,255, and the 300 Area, with 2,046,762. Olympic Commissary has accumulated 2,214,765 safe-hours. Following them closely are: Service Group Areas, with 1,347,672; 200-W Area with 1,013,175, and Traffic, with 842,316 safe-hours.

The 300 Area with 2,046,762 and 272 Area with 392,355 safe-hours have been accident-free since the start of the project.

"Safe-Man" Results

Areas bringing up the rear are: 100-B Area, 699,078; Central Shops, 578,016; 100-F Area, 447,083; Richland, 234,144; 200-E Area, 80,775; 105 Buildings, 80,595, and 100-D Area, 61,470.

Although the project has to date during September failed to reach its entire hoped-for goal, Safety officials report that gratifying "safe-man" results have been achieved thus far during the period.

Special Programs

In order to place particular emphasis on safety during the month, skits, stunts and movies are being presented at the regular bi-weekly foremen's safety meetings. These area programs, planned with an eye toward making safety meetings more interesting, are given with workers taking part.

Discussions in the Monday morning tool box meetings are also bearing down on "Accident-Free Month."

Picnic Held by Members of Concrete Department

Games for grown-ups and children were part of the activities last Sunday at the Concrete Department's picnic near Richland.

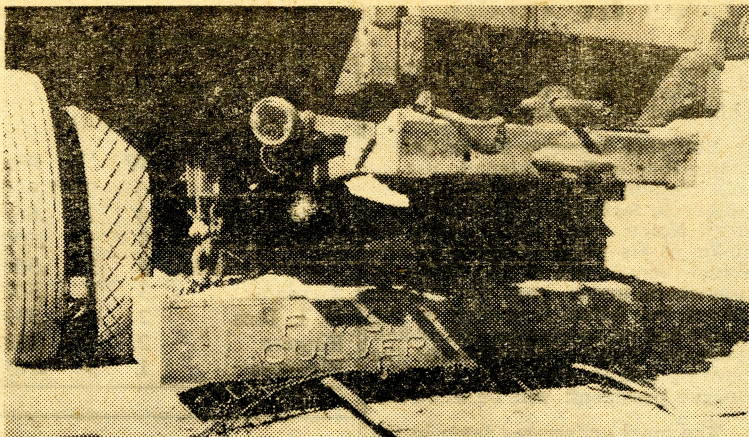
Committee members in charge of the affair were: H. E. Fisher, W. B. Durette, A. V. Rogers, E. P. Willett, J. B. Yelton, O. L. Greasy, E. R. Erickson, F. V. Patton, Rex Thompson and Charles Dennis.

Horseshoes, softball and football passing occupied some of the grown-ups, with general sociability the main pastime.

Ask for Thoughtfulness in Silverware Shortage

Disappearance of silverware from commercial dining rooms in Richland has become serious to the point that an appeal is being made for more thoughtfulness from the public. War-time restrictions, it was said, make replacements difficult and therefore work a hardship on both the dining room operators and the "eating-out" public.

It's a Nail Picker-Upper



Who knows how many flat tires the men on the electro-magnetic truck have saved H.E.W. workers. Daily this odd-looking vehicle perambulates the various roads, parking lots and areas—picking up from 800 to 1200 pounds of nails, spikes and not a few war-time alloy pennies in its regular 10-hour day.

The truck works like this: There is a generator on the truck's flat bed and a magnet hangs behind the rear wheels approximately six inches from the ground. Adjustable, the magnet can be raised or lowered, according to "conditions." The

magnet itself is eight inches high, 10 inches wide and five-and-a-half feet in length.

Rolling around over the areas and roads, the truck speeds along at five miles an hour. When the magnet has been filled to capacity, the operator switches off the generator. Then all nails and stuff drop onto a piece of plywood that has been put under the magnet—and thence to the salvage yard.

It's tough all right, but the darned thing just won't pick up money—excepting those war-time pennies.

Tennis Sets Start Sunday

The Richland Tennis Championships will open on Sunday at the Richland Park Courts, with first round matches scheduled to be completed in men's singles and doubles, women's singles, mixed doubles, junior singles and doubles, boys singles, and girls singles. Complete schedule of matches will be posted at the Park courts and will be available at the Activities Division office in the Material Building, Phone R-411.

Presentees Move Back

After setting a new low in absentees for last week, the pendulum swung back, and plant percentages moved back from 5.4 per cent for last week's score to a not-so-good 6.2 per cent for this week's recording.

Right There

Hats are off to the Bricklayers, who finished the week strong with a 2.7 record. Transportation, Carpenters and Riggers crowded close with percentages of 3.6, 3.7 and 3.9 per cent. Electrical, Reinforcing, Carpenter Labor, Labor and Earth-works came in with percentages ranging from 4.1 to 4.5. And Paint and Mechanical followed with 5.6 and 5.8 per cent, making a total of

U.S. Material In Hanford

Five pieces of deadly Army equipment will be on exhibit, starting tomorrow on Kadlec Plaza in Hanford for one week's display.

The equipment consists of a 12½ ton M-5 light tank, packing a 37mm cannon and two flanking calibre 30 machine guns. The half-track carrier has an 81mm mortar and two protecting machine guns. Most deadly of the lot, the self propelled anti-aircraft gun, model 10 A-1, has a 3 in. armor-piercing rifle protected by two calibre 50 machine guns. Also a show stealer is the Bazooka or Rocket Launcher, M1-A1, plus its dummy projectile.

Each weapon will be accompanied by an army technician qualified to explain his weapon. All equipment comes from Fort Lewis in Washington.

11 crafts with improved ratings for the week.

Hold that Line

Concrete, Concrete Labor and Piping gave themselves something to shoot at next week by bringing up the rear.

Blow, Diogenes

Diogenes, the Greek Cynic who wandered endlessly with his lantern searching for the Honest Man, may now blow out his light—he's in Hanford. Last week an absent-minded workman left his billfold behind, complete with valuable papers and 536 bucks in cash. And the man who found it spent two days searching for the other fellow so he could give it back!

Church Services

Sunday, September 24, 1944

CATHOLIC SERVICE
Father W. J. Sweeney
Grange Hall

Sat., 2 p.m. Children's Class.
Sun., 7 and 11:30 Mass.

UNITED PROTESTANT
Rev. Thomas Acheson
Rev. Kenneth Bell
Sacajawea Grade School

9:45 a.m. Sunday School
11:00 a.m. Sunday Service
6:30 p.m. Youth Fellowship Meeting.

8:00 p.m. Church Service

LUTHERAN CHURCH
National Lutheran Church
J. Milton Grimsrud, Pastor
Lewis Grade School

10:00 a.m. Sunday School,
11:00 a.m. Church Services

EPISCOPAL CHURCH
Rev. Leo Dyson
United Church Bldg.

8:15 p.m. Church Service, Monday

LATTER DAY SAINTS
James Thompson, Pres.
United Church (128-X)

9:30 a.m. Priesthood meeting
10:30 a.m. Sunday School
6:30 p.m. Sacramental meeting

LUTHERAN (Missouri Synod)
Rev. M. C. Kauth
Lewis Grade School (Room 116)
9:30 a.m. Church Service.
10:30 a.m. Sunday School

CHURCH OF CHRIST
Lewis Grade School (Room 115)

Sunday Services: 10:30 a.m., 7:30 p.m.

Need Room for Wives of Area MP Detachment

Because of the acute housing shortage, Community Management is attempting to find rooms for wives of men in the Military Police Detachment stationed on the reservation. It is asked that all rooms available be listed with the office by calling R-127. Rooms are badly needed, the office has declared.

Lutheran Guild to Have Food and Handwork Sale

The Ladies Guild of the Richland Lutheran Church (National Lutheran Council) will hold a food and handwork sale at the C. C. Anderson Company Store a week from tomorrow at 1:00 p.m.

Former Olympic Employee Makes Good in Hollywood

Olympic Commissary had a real author in its midst—until Hollywood lured him away last spring.

Many will remember Albert T. DePina, formerly chief steward at Mess Hall No. 1. He wrote in his spare time, modestly admitting authorship for several books and short stories.

It was while he was working in Hanford that Warner Brothers came across his war story "Mission Completed." So well were Warners impressed with DePina's ability that they not only bought the screen rights to his story, but hired him as a staff scenario writer besides.

Richland Theatre

Friday and Saturday: September 22 and 23: LUMBERJACK, with Hopalong Cassidy. Also Divide and Conquer.

Sunday and Monday: September 24 and 25: STEP LIVELY, with Frank Sinatra and Gloria deHaven. Also Selected Short Subjects. Tuesday, Wednesday and Thursday: September 26, 27 and 28: IN SOCIETY, with Abbott and Costello. Also Selected Short Subjects.

Ration Calendar

Processed Foods

Blue stamps A8 through A5 thru L5 in ration book 4, valid indefinitely (10 points each).

Meats and Fats

Red stamps A8 through Z8 and A5 through G5 in ration book 4, valid indefinitely (10 points each).

Lamb and Mutton

Spare stamp 25 in ration book 4 may be used for lamb and mutton and will expire October 21. Good for 10 points.

Sugar

Stamps 30, 31, 32 and 33 in ration book 4, valid indefinitely (5 pounds each). Stamp No. 40 valid (5 pounds for home canning) to February 28, 1945. Spare stamp No. 37 may be applied for at the ration office, and is good for 20 pounds per person.

Shoes

Airplane stamps No. 1 and 2 in ration book 3, are valid indefinitely (each good for 1 pair).

Gasoline

Stamps No. 13 in new A book now valid (3 gallons each). B3 and C3 are still good, as are B4, C4, B5, C5, T, R1 and R2 stamps, worth 5 gallons each; D, 1½; E, 1 gallon.

Tire inspection records must accompany all gas and tire applications, though inspections are no longer necessary.

Fuel Oil

September 30 is the expiration date of period 4 and 5 coupons. New period 1 and 2 coupons, valid immediately after receiving are good until September 30, 1945 (10 gallons each).

Re-Move Nursery School to Temporary Quarters

The Richland Nursery and Day Care School, which has been meeting at the Sacajawea Grade School, has again been moved to a new location, pending completion of permanent headquarters. Until further notice, the Nursery and Day Care School will be located at 415 Cullum Avenue, across the street from the old high school building. School hours remain the same—6:30 a.m. to 6:30 p.m.

Children of working mothers are eligible for the school, the Nursery School enrollment being limited to children between the ages of two to six and the Extended Day Care for children from six to 15 years of age. Arrangement for enrollment must be made with R. H. Fergin by phone at Richland 388 or in person at the Columbia High School, Room 101.

SAFETY PAYS

QUESTION OF THE WEEK: Why Do You Think It's Important to Stay-on-the-Job?



Elmer Pribyl
... Assistant Chef

"I'm satisfied here," Pribyl, a Chicago native, says, "and I'm just stubborn enough to stick until they run me off."

This Olympic Commissary man worked to the finish on jobs in Newfoundland and Canada. He's been in Hanford six months at Mess Hall No. 1, lives in the barracks, is single ("at present," he confides).

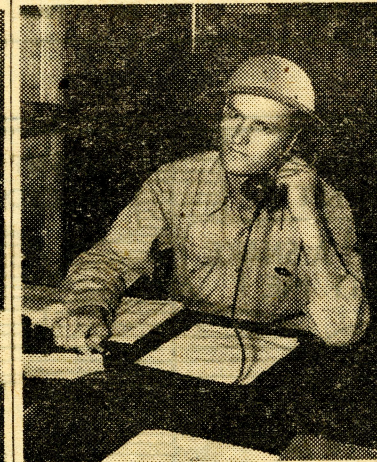
"Hanford's not bad," Pribyl repeats, "particularly when you think of the men overseas."



Florence Pierce
... Time Office

"The longer we stay the sooner we go home," was the paradoxical answer Florence, an addressograph operator, gave to this week's stay-on-the-job question—and then she explains: "You can't finish a job half-way."

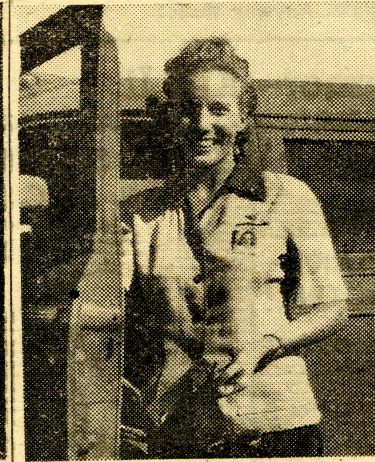
Florence's father (Traffic Department) and brother (Paymaster's Office) also work on the job. Wilmington folks, they total nearly a half-century of service to the company among the immediate family.



H. H. Hart
... Shipping Department

"Under Secretary of War Patterson said every day we cut off at Hanford, we'll shorten the war by one day, didn't he?" Hart queries. "Well, that's reason enough for me to stay on the job," is his conclusion.

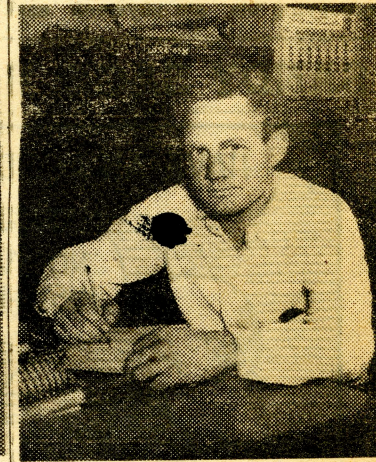
Out of Henryetta, Oklahoma, the family lives at Prosser—Mr., Mrs. and two boys. Mrs. Hart works on the project in the Purchasing Department. They're old-timers on the job, having come last year.



Sally Green
... Bus Driver

"My two brothers in the service can't come home when the Nazis fall," Sally says—and adds: "so why should I think I can quit on V-Day? And besides," she continues, "there's Japan to lick after the Germans."

A farmerette and Pasco native, Sally has rolled up 70,000 miles on her shuttle bus route between Hanford and Pasco. Recently she received a safety award pin for her careful driving.



Robert Lackey
... Receiving and Stores

Lackey has been here longer than most and knows what it means to stay on the job. He says:

"This is a worthwhile job contributing to the war effort, and I hope I can stay to see the finish of the job and Japan both."

The Lackeys, from Robinson, Illinois, live in the Pasco Trailer Camp and are the parents of a boy. Two brothers serve in the European invasion forces—one in England and the other in France.