



EXCELLENT INDIVIDUAL SAFETY RECORDS HAVE BEEN ESTABLISHED by these Y-12ers in Research Services. In front is a group of electricians, none of whom have suffered an injury of any kind in more than one year. From left are T. L. McCreary, R. L. Vanderpool, T. J. Hunnicutt, Foreman Evan Means, S. A. McSpadden and J. J. Cavosie. Absent when picture was made was D. F. Kirby. The men in the group in the left rear all have worked since 1951, with some having even longer marks, with-

out an injury of any type. They are J. W. Gibson, E. E. Fields, P. L. Holland, A. L. Franklin and S. H. Inman with H. M. Smith and R. J. Sigler not being present when picture was made. The nine men at right with varied employment date have not suffered an injury since coming to Y-12. They are V. Morphis, G. E. Fisher, J. L. Sprouse, C. L. Jones, A. A. C. Hitchcock, E. S. Lewis, G. W. Potts, H. H. Martin and M. Boone. Absent at picture time were C. O. Campbell and W. W. Potter.

Patience, Care Urged While Y-12 Paving Underway

First St. Principal Project, Parking Lots Are To Be Surfaced

Y-12ers are asked to be patient—and careful—during the work being done on buildings, grounds and roads in the Y-12 Plant Area. Several weeks will be required to complete the work.

The different items of the road work are to be done through contracts between the Company and private contractors.

Most Work Is On Roads

As much of the work underway is being done on streets, Y-12ers driving Government vehicles in the plant area are urged to exercise utmost caution in traveling the roads being fixed. Every effort will be made by Company authorities and the contractors to not block any street longer than absolutely necessary.

However, some temporary re-routing of traffic will be required and Y-12ers are urged to observe temporary direction signs to be erected where detours are necessary. On some streets it will be possible to establish one-way traffic while on others it will be necessary to completely close the street for a period of time.

First St. Paving Biggest Job

The principal street work will be the paving of First St. from the East Portal to the Fire Department headquarters and closing of a part of Second St. from the East Portal Road to Bldg. 9720-8 to provide for an expansion of that big warehouse structure, including a new receiving dock. Other paving will include parking lots to serve eight or 10 buildings to accommodate vehicles formerly parked on main streets. The road encircling Bldg. 9202 will be paved.

The wooden sewage culvert on G Road at the South Branch of Poplar Creek is to be replaced as will be the big storm sewer across First St.

Another major building project will be the extension of the present Fire Department building to provide relocation and consolidation of Fire and Guard Department facilities. This also will involve more paving around that building.

UCNC Will Sell Surplus Kitchen Sinks On Saturday

The Property Sales Department of Union Carbide Nuclear Company will place some new stainless steel single and double kitchen sinks on sale Saturday, September 21, at the Company warehouse on River Road just a short distance from the Elza Gate. The sinks are surplus turned over to UCNC for sale by Management Services, Inc.

The single sinks are 23½ inches long, 18½ inches wide and six and one-half inches deep. The double bowl sinks have two 18-inch receptacles for a combined length of 38½ inches, are 18½ inches wide and six and one-half inches deep on one side and 10 inches deep on the other. The sinks originally were purchased for Oak Ridge cements type houses, but never installed.

Fortune Ranks UCC 21st Largest Group

Corporation Advances In Magazine's Top 500

Union Carbide Corporation advanced a notch last year to become the 21st largest industrial corporation in the United States, according to Fortune Magazine's annual totaling of the "biggest 500." The Corporation passed Republic Steel, 21st the previous year.

Rankings Based On Sales

The magazine's rankings were based on sales (Union Carbide's sales were \$1,324,507,000). In assets (\$1,459,741,000) UCC ranked 14th, and in net income (\$146,233,000), 13th. In number of stockholders (118,391) and employees (63,081, not including 16,000 in government-owned plants), UCC was 16th and 25th.

The largest industrial corporation in the United States remained General Motors. DuPont was still first among chemicals companies (but dropped five places to 15th in the over-all ratings). Union Carbide remained the second largest chemicals company, followed by Allied Chemical and Dye, Olin Mathieson, and Dow Chemical.

A total of 25 companies that were on last year's Fortune list slipped off completely, while others dropped as many as 50 places. Other companies advanced dramatically. The Fortune list is ample evidence that industry is in a constant state of change. Corporations like Union Carbide have to keep pressing—in research, in production, and in sales—to hold or improve their positions.

MOCK-UP IS CONSTRUCTED

A mock-up building being erected on Union Carbide Corporation's Westchester, N. Y., property already is testing various construction materials being considered for UCC's new home office on Park Ave. in New York City. Different types of wall panels, flooring, glass and lighting fixtures are being tried out to make sure that the best type of construction and arrangement of offices will be obtained.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
95 Days or 2,772,922 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through September 15
Phone 7755
For Daily Report
On Accident-Free Hours

Analytical Chemistry Group To Hear Of ACS Meeting

A review of the recent American Chemical Society meeting in New York will be presented at an Analytical Chemistry Seminar tomorrow, Thursday, September 19, by several Union Carbide Nuclear Company employees attending the sessions. The meeting will be from 10 a.m. to 11:30 a.m. in the basement conference room, Bldg. 4500, Oak Ridge National Laboratory.

The review will be given by T. H. Handler, A. D. Horton, O. Menis, R. C. Rains, J. C. White and J. P. Young.

The Y-12 Bulletin Invites Groups To Use Publication For Notices Of Meetings

To be of service to the many technical and professional societies and organizations that list Y-12ers in their memberships, The Y-12 Bulletin herewith publishes its annual invitation to these organizations to use the columns of this publication to publicize their meetings.

Publicity committee chairmen of such organizations are urged to have their news sent to the office of The Bulletin, Room 228, Bldg. 9704-2, Phone 7751, as far as possible in advance of the date of the meeting. The absolute deadline for publication of a notice in the

56 Y-12ers In Research Services Department Work More Than Two Years Without Injuries

Tribute Paid To Individual Employees For Excellent Safety Record On Varied Assignments

"Whenever our safety objective shall be in conflict with other objectives, safety will be our first consideration."

Those words, prominently displayed on a sign in Bldg. 9204-3, express the safety philosophy of the Research Services Department of the Maintenance Division, according to Department Superintendent Don G. Hill, and close observance of the creed has resulted in a substantial percentage of the average of more than 200 hourly employees in the department establishing excellent personal safety records.

Praise Is Bestowed

There are 56 Y-12ers in Research Services who have not had an injury of any kind in two years of operations—27 per cent of the total. Their individual safety marks draw individual praise from departmental supervision, which believes in giving credit where credit is due. The safety marks of the men who have avoided injuries are cited and placed in their record folders.

However, the safety goal of the department is "not to get their pictures in the paper" but to maintain their accident-free marks for their own well being and good health.

The records made by Research
Continued on Page 4

Early Applications Urged For Educational Assistance

To enroll in fall term classes of qualified educational institutions and receive benefits under the Union Carbide Nuclear Company Educational Assistance Program, Y-12ers should submit their applications as early as possible and at least before Monday, October 21. Complete information on available courses and procedures for obtaining the aid may be obtained from Ralph Pearson, Training Department, Bldg. 9704-2, plant phone 7751. To be eligible for the aid Y-12ers must have at least six months of Company Service and be salaried employees.

Two Physics Seminar Meets Are Scheduled This Week

Two Physics Seminar meetings have been set for this week to which Y-12 technical and scientific personnel are invited. Speakers at both are from abroad.

The first seminar session is set for this afternoon, Wednesday, September 18, when Dr. Joan M. Freeman, of the British Atomic Energy Research Establishment, Harwell, England, will speak on "Inelastic Neutron Scattering in Light Nuclei." Dr. J. L. Olsen, of the Institut für Kalorische Apparate und Kältetechnik, Zurich, Switzerland, will speak on "The Volume Change at the Superconducting Transition," on Friday, September 20. Both meetings are at 4 p.m. in Room 18, Oak Ridge Institute of Nuclear Studies Training Bldg., Administration Road.

Wednesday weekly editions of The Bulletin is noon on the previous Friday. For instance—if a group is to hold a meeting after Wednesday, September 25, the notice must be in the newspaper office not later than noon on the previous Friday, September 20.

Such notices of meetings need not be written in news style—for a regular organization notice of such a session will be ample if it gives all the facts. Pictures of important and well known speakers also may be used—but their publication must be left to the discretion of The Bulletin.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
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GEORGE W. DOBBS . . . Editor

OFFICE

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Oak Ridge, Tenn.
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Former Y-12er Now In Army At Aberdeen



Pvt. Carl Wayne Frazier

Now in the United States Army for a two-year hitch is Carl Wayne Frazier, a former Y-12er and also the son of a Y-12er. The younger Frazier now is a private stationed at the Aberdeen Proving Ground, Md., where he is taking advanced training in important arms work for the country. He completed his basic training at Fort Chaffee, Ark., in April of this year.

Young Frazier came to work in Y-12 on March 15, 1954, leaving on February 22 of this year to enter military service. When he left for Army duty he was in the General Machine Shop. He was active in plant sports, taking part in bowling and softball.

His father is Carl W. Frazier, general foreman in Alpha Four Cascade Operations.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days:

Edward F. Smith, B Mechanical Operations, September 19.

Thomas A. Burkett, Employment, September 24.

John T. White, General Utilities, September 24.

'Transformation Kinetics' Subject At ASM Meeting

A talk on "Transformation Kinetics" will be heard at 8 o'clock tonight by the Oak Ridge Chapter of the American Society of Metals in a meeting at the Knights of Columbus hall in Oak Ridge. The speaker will be Dr. J. C. Fisher, manager of the physical metallurgical laboratory, General Electric Co., Schenectady, N. Y. The chapter will hold monthly sessions throughout the fall and winter months, meeting on the third Wednesday night of each month.



Then there is the executive who is taking up shorthand—seems that his former secretary-wife used to keep a diary, in shorthand.

FINANCE AND MATERIALS

Let's start off with three rousing cheers for **Alvin K. "Sergeant Bilko" Bissell**, Material Control, who last week was reelected to the Oak Ridge Town Council, which he served as chairman. Friend Al, former bull pen catcher for the now defunct Uranium Control Junior Varsity softball team, was on vacation last week to recover from his strenuous politicking campaign—so congratulations to "Mr. Mayor," whose shovel wielding while breaking ground for the new "city hall" will not soon be forgotten by spectators thereof.



A. K. Bissell

TECHNICAL

The Metallurgical Development delegation in the Development Operations Department wishes **Charles Carson** a speedy recovery from his recent operation . . . **George Bittner**, **Dan Friar** and **Guy Smith** are welcomed into the section, and sympathy is extended the former on the unexpected death of his father in Maryland on September 7 . . . The S. D. Chemical Development section is sorry to hear of the death of **Otto Sheller's** father-in-law in Indianapolis, Ind., recently . . . News from the Analytical Development group is that **Colman Wright** is dividing vacation time this week between Knoxville and Nashville . . . **Roscoe Barringer** is back from a resting up period at home in Knoxville . . . Friday the 13th was departure day for Co-Oppers **Wendell Nix** and **Sam Snow**—Wendell returned to Auburn and Sam to V.P.I. to resume studies—Good luck wishes are sent along with them.

Laboratory Operations sends word that **Marie Dinsmore** and hubby, **John**, of Chemical, are prowling around Waynesburg, Pa., while vacationing . . . **Doris Campbell** week ended with her parents in Middlesboro, Ky. . . **Anne Wenzler** and the girls will be glad to have their husband and father with them this week end from New Orleans.

Production Analysis sends get well wishes to **C. B. Burnette** in Ft. Sanders Presbyterian Hospital in Knoxville . . . Also to the husband of **Ruby Viator** in the University of Tennessee Hospital in Knoxville . . . **Martha Nelson** is vacationing in Clearwater and St. Petersburg, Fla., and **Lewis Warren** is doing likewise down in Old Mexico.

L. G. Losh, Special Testing, is back from ol' West Virginny . . . **Lera Doss** is welcomed back after a lengthy illness . . . So is **Sewell Howard** . . . **W. D. Harman** is a man around town this week on vacation . . . **Herbert R. Gwinn** was reported delayed on his "Project Face Lift" on his home because of rain—so he spent time making fudge for the boys and girls.

Mattie Marlar, Production Assay, entertained some relatives for a week—with a trip to the Smokies included.

Deborah Hubbs, Production Analysis, week ended recently on a houseboat on Norris Lake . . . **C. R. Kelly** is spending a couple of weeks at home in Oak Ridge.

Mechanical Engineering saw some coming and some going last week . . . **Charles Chihasz** was welcomed into the department, while **Jim Batch** left to resume studies at Georgia Tech and **Phil Shelley** trekked back to University of Tennessee for the last stretch to get his sheepskin . . .

Loretta McBee has taken up a new assignment in Building and Grounds . . . **George Drevik** gets departmental congratulations over his engagement to the lovely Miss Wilma Stevens.

More departures were noted by Project Engineering with **Gary Belton**, **Rita McNamee** and **Shirley Forbes** leaving last week to get some more book larnin' and saying they'll be back next summer . . . **Walt Gary** and **Martin Taylor** went their merry vacationing ways—must really want to get away from the grind as no forwarding addresses were left.

MAINTENANCE

Floyd Johnson, Electrical Maintenance, is sparking out all over—he became Proud Grandpop of a grand grandson born recently at Ft. Sanders Hospital . . . **George Oliphant** is dabbling around Daytona Beach this week . . . Get well wishes to too many sick folks, including **B. M. Cox** at Oak Ridge Hospital, likewise to **M. L. Chandler**, **R. K. Holbert**, **R. E. Baker**, **W. P. Weatherly** and **E. P. McFarland**.

Research Services, **Ann Kennedy** reporting, says **U. L. Alspaugh** really had a full vacation (1) got his son, **Ralph**, married August 31 at Cookeville (2) rushed back to Oak Ridge to be on hand for the birth of a granddaughter September 2, and (3) he and the missus finally took off for a few days of muchly needed rest . . . **W. W. Potter** and family are touring Canada while vacationing and **C. C. Bowman** is trying to catch all the fish in nearby lakes . . . Get well wishes to ailing **C. R. Johnson**, **S. R. Messamore**, **C. M. Armstrong**, **D. B. Blackburn**, **L. M. Thompson** and **I. Sharp** . . . Condolences are extended **W. L. Allen**, whose father-in-law died recently.

Mechanical Maintenance sends rapid recovery wishes to **G. W. Tuck**, recently injured in an automobile accident . . . Also to **A. C. Harrington**, **C. M. Burgess**, **C. E. Harness**, **C. E. Ballew**, **E. J. Hickie** and **C. W. May** . . . Somebody reports Hawkins County is short three citizens—kin folks of **H. C. Gardner**—a one-man purge, maybe? . . . Vacationing folks include **M. E. Short**, taking a week to be at the bedside of his son who was to undergo surgery in Knoxville September 17 . . . **L. E. Selvidge** is working on his home . . . **B. B. Foster** went to Durham, N. C., to enter his son in Duke University . . . **T. W. Noe** is building a house . . . **D. R. Carter** is back with glowing reports of his trip to St. Petersburg, Fla. . . So is **W. J. Wanamaker** with stories about Clear Beach, in the same state . . . **J. M. McMichael** went out to Denver, Col., for his rest period and **B. F. Nicely** tells about getting a lot of work done on his Knoxville house . . . **Morris Bailis** already is looking up transportation schedules for World Series cities . . . Condolences are extended **F. E. Ryan**, whose stepfather died recently.

Process Maintenance heard vacation tales last week from **Barbara Thomas**, who spent a week doing just what popped into her head at any given time around her home in Knoxville; **C. B. Fowler**, who circulated around Chattanooga and Georgia for a couple of weeks; and **Luther Bond** and **F. K. Booth**, who worked on their homes in Clinton and Oak Ridge, respectively . . . The department warmly congratulates **R. E. Stephens** on the recent birth of his daughter, **Laura Anne**, and is happy to hear that the mother, **Johnnie**, a former Y-12er, is doing fine . . . Vacationing this week are **C. M. Mills** with kin folks in Roanoke, Va., **M. J. Jewett** visiting his mother in Covington, Ky., and sister at Dayton, Ohio, **J. W. Fox**, building a new home on Middlebrook Pike over in Knox County and **W. L. Nichols**, who skeedaddled so fast he forgot to tell where he was going . . . Get



SOME MORE CUTE KIDS are subject matter for the winning pictures in the Y-12 Weekly Photographic Contest for the week ending September 13. At top, Carl G. Brewster, Medical, took first prize with the snapshot of his son, Bradford, with the title "Save Your Confederate Money, Boys." Second prize went to Howard Horne, Maintenance Planning for his "Smoky Mountain Mermaid" picture at the Oconaluftee River near Cherokee, N. C., shown below.

well wishes to hospitalized **O. O. Boles** and **J. R. Burgess** . . . **W. K. Ament** and **H. D. Pierce** were welcomed back from the sick list last week . . . Day Shift electricians reported a fine time by all at the party pitched recently by **R. M. Moretz** at his Edgemore Road home—delicious food, perfect weather and a gracious host.

MECHANICAL OPERATIONS

C. C. Chamberlain, General Machine Shop, is off to St. Petersburg, Fla., to do a lot of Gulf fishing . . . **R. C. Winfree** is working on his new home in Harriman . . . **L. A. Michael** is entertaining relatives at his home in Clinton . . . **L. B. Keith** is spending a couple of weeks at home in Knoxville . . . **C. A. Stanaland** and **C. C. Hickey** are back from a week's rest in Knoxville . . . So is **H. F. Dick** after two weeks in Oak Ridge . . . Get well wishes to **Don Pitt**, who was to have undergone surgery at Oak Ridge Hospital on Monday of this week . . . Sympathy is extended **C. I. Hill**, called to Utica, Mich., September 8, when his father died.

J. D. Pattie and **T. T. Patterson**, B Mechanical Operations, were stay-at-home vacationers last week but **L. W. Parker** went to Florida . . . Get well wishes to **C. T. Selvidge**, **L. H. Russell** and **R. K. Carper**, all on the sick list last week, and also to **C. L. Hawkins**, whose friends are glad to hear he is much improved after undergoing surgery at Oak Ridge Hospital.

Leon Bray, A Mechanical Operations, moved into his new home over in the Cherokee Hills section of Kingston while vacationing last week . . . **R. L. Hazlett** is sunning down in Florida, **L. C. Miller** will remodel his home and **G. C.**

Continued on Page 4

DELICIOUS DISHES SET FOR SPECIAL LUNCHES

Two delicious dishes will be offered patrons of the Y-12 Special Lunches at the cafeteria for tomorrow, Thursday, September 19, and next Tuesday, September 24. The main dish on the 50-cent Special Lunch tomorrow will be creamed chipped beef on toast and next Tuesday Spanish rice and meat balls will be served. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.



Get well wishes are sent to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

Fay B. Duncan, Special Testing; R. D. Beasley, W. E. Ramsey, Ruth E. Hounshell and Floyd M. Gambill, Chemical; Earl C. Barnes, Process Maintenance; Beecher M. Cox, Electrical Maintenance; Edwin F. Fleischman, Alpha Four Cascade Operations; E. S. Cochran, Buildings and Grounds; Hugh P. Rice, Jr., Timekeeping; J. E. Cheek and Charles M. West, Health Physics; C. L. Coley, Receiving; John S. Henley, Material Control.

Civil Defense Heavy Rescue Squad Forms Next Week

Arthur Ogden, of the Y-12 Buildings and Grounds Department, who is chief and instructor of the heavy rescue work of the Oak Ridge Civil Defense organization, has urged all Y-12ers wishing to assist in this important phase of Civil Defense work to report for a fall class to be formed at 7 o'clock next Wednesday night, September 25. The class will meet at Civil Defense headquarters, Lafayette Drive and Sawmill Road.

"We need at least 20 men for the class," says Ogden and Col. W. H. Britton, Civil Defense coordinator for Oak Ridge. The training given is valuable in both civic and plant circles. Anyone wishing to join the class is asked to phone Ogden, plant phone 7223, or Colonel Britton, Oak Ridge phone 5-3521, Ext. 32.

Rides Wanted, Offered

Riders wanted from Clinton to any portal, straight day. F. R. Mack, plant phone 7956, home phone 1575-J, Clinton.

Ride wanted from Cedar Lane, Oak Ridge, to any portal, straight day. Sarah Wood, plant phone 7-8533, home phone 1-8322, Oak Ridge.

Car pool members wanted from Norwood to North Portal, straight day. Buck Davis, plant phone 7735, home phone 6-0188, Knoxville.

Want to join car pool from Villa Garden section, Fountain City, to North or Central Portal, straight day. John S. Hurst, plant phone 7065.

Ride wanted from 114 S. Beverly Circle, Oak Ridge, to Central Portal, straight day. Dovie Papke, plant phone 7378, home phone 2-1627, Oak Ridge.

Want to join car pool from brick apartment section, Oak Ridge, to any portal, straight day. M. B. Bradley, plant phone 7987, home phone 5-9593, Oak Ridge.

Two car pool members wanted from Cedar Lane section, Inskip, to any portal, straight day. R. L. Coffey, plant phone 7-8487, home phone 6-1092, Knoxville.

Ride wanted or will join car pool from Hall's Crossroads or Fountain City to any portal, B Shift. George Marcus, plant phone 7-8280, home phone 6-0036, Knoxville.

Riders wanted from West Haven, Knox County, or point farther North, to West or Central Portal, H Shift. E. F. Smith, plant phone 7573, home phone 2-6421, Knoxville.

Ride wanted from 5609 Wallwood Drive, Norwood, to North or Central Portal, straight day. S. I. Downing, plant phone 7737.

Riders wanted from Fountain City or West Haven to East, Central or West Portal, straight day. R. Bass, Jr., plant phone 7431, home phone 6-1454, Knoxville.



"IT WAS A LOT OF FUN AND GOOD FOR THE KIDS," says W. O. Elam, Y-12 Fire Department chief, at left rear, co-manager of the Powell Little League championship Yankee team, and his sentiments were echoed by W. A. Norman, right rear, B Mechanical Operations and co-manager with Elam. In front from left are David Elam, 8, outfielder and son of Chief Elam; Richard Dew, Jr., 10, also an outfielder and son of Richard Dew, Sr., also of B Mechanical Operations; and Chester Cooper, 8, second base, nephew of Co-Manager Norman. The Yankees took the crown in the four-club league with a 13 won and five lost record, leading by one full game as the season closed. Participation of these Y-12ers in this fine civic activity for youngsters is only one example of such work by many employees.

Rebels-Cubs Clashes Are Rained Out; May Be Reset For Saturday This Week

That week-end rain washed out the scheduled double header between the Rebels and Cubs that might have decided the second half of the season play in the Y-12 Plant Softball League. The two teams are tied at nine wins and one loss each in the final round of play. Efforts will be made to play on Saturday morning of this week to determine the victor, who will meet the Reactors, first half winners, for the seasonal crown.

Screwballs, Rippers Lead Classic League

The Screwballs and Rippers moved from a second place tie to a first place tie last week in the Classic League bowlers' race with three-point wins over the Has Beens and Swingsters, respectively. When the balls had stopped rolling at the Oak Terrace Alleys the Wasps and Rebels were in a tie for second place with three-point wins over the Bumpers and All-Stars. The Has Beens dropped from first to fifth and the Playboys moved from deep in the cellar to sixth place with a four-point win over the Cubs.

Joe Pryson and his teammates, the Wolves, burned up the lanes with all the top scoring honors of the evening. Pryson rolled a 233 scratch game, upped to 269 with handicap. He also copped top series scores with 577 and 685. The Wolves rolled home with a 909 scratch game and a 1069 handicap. The Wolves also took top team series honors with a 2517 scratch and a 2997 handicap.

League standing follows:

Team	W	L
Screwballs	6	2
Rippers	6	2
Wasps	5	3
Rebels	5	3
Has Beens	4 1/2	3 1/2
Playboys	4 1/2	3 1/2
All Stars	4	4
Wolves	4	4
Swingsters	3	5
Cubs	2	6
Bumpers	2	6
Tigers	2	6



A LIKELY CANDIDATE for first place in its division in the Annual Y-12 Fishing Contest is this fine sauger, shown above with its captor, Fred G. Leon, of the Mechanical Department. The big fish was taken from Ft. Loudoun Lake on a dolly fly.

Clippers And Units Tied In Mixed Loop

Taking up where they left off last spring, the Clippers of the Mixed League of Y-12 men and women bowlers turned in a four-point whitewash triumph in the opening sessions of the new season at the Central Bowling Alleys last week with the Scrappers as their victims. The Units kept pace by blanking the Alley Cats while the Pin Cats took three from the Nip and Tucks.

Charley Beckett, of the Alley Cats; and Mary Scott, of the Pin Cats; monopolized scoring honors for the night, both sweeping the boards. Beckett had a 180 scratch game, boosted to 194 with handicap, a 499 scratch and 569 handicap series. Mary Scott had 162, 188, 416 and 543. The Clippers swept the boards in team scoring with 585, 734, 1685 and 2181.

League standing follows:

Team	W	L
Clippers	4	0
Units	4	0
Pin Cats	3	1
Nip and Tucks	1	3
Alley Cats	0	4
Scrappers	0	4

ORPS Classes Open Tuesday, October 1

The annual fall classes in piloting, seamanship and boat handling sponsored by the Oak Ridge Power Squadron will open at 7 o'clock Tuesday night, October 1. The classes will be held in the Oak Ridge High School and will be open to the public, with both men and women being welcomed. The only charge is a \$1 registration fee.

This course is regarded by experienced boatmen as one of the best for learning the principles and skills required in safe boating. Subjects to be offered include equipment and lights, rules of the road, seamanship, safety at sea, mariner's compass, aids to navigation, charts and piloting and manners and customs on shipboard. The topics are valuable to all who use the waterways, whether they be yacht owners or fishermen using rented equipment.

The commander of the Oak Ridge Power Squadron for the coming year is R. S. Lord, an Oak Ridge Laboratory man in the Y-12 Plant Area. He can be reached at plant phone 7133 by any Y-12ers desiring further information on the courses offered and other data on activities of the ORPS.

Be friendly with folks you know—if it wasn't for them you would be a stranger.

Many Y-12ers Win In Golf Tourney

Dorr Beats Kennedy; Reynolds Upsets Hines

Y-12 entrants emerged victorious in the great majority of their matches in the All-Carbide Golf Tournament last week in first round matches.

However, Y-12 had only one contender left in the Championship Flight, but he's a good one. Carl Dorr defeated fellow Y-12er Frank Kennedy to remain in the running after Art Hines had been upset by Bill Reynolds, former Y-12er; and W. T. Arrowood had forfeited to V. B. Isham. Dorr will meet J. M. Agge, K-25, in one semi-final while Isham will play Reynolds.

Other Y-12ers still in contention are:

First Flight—G. W. Wiley and Arnold Tiller.

Third Flight—A. L. Sawyer, Paddy Peckman, Bill Hamill and N. E. Hamby.

Fourth Flight—Bob Orrison.

Fifth Flight—Dan Stroud, John Boyd and George Mitchel.

Sixth Flight—J. P. Smith and George Heins.

Seventh Flight—J. J. Holzknecht and C. C. Morgan.

Eighth Flight—T. J. Arrowood.

Ninth Flight—J. M. Patterson, Charley Peterson, W. C. Collins and L. B. Cabe.

Tenth Flight—F. K. Clabough, Nelson Tibbatts and R. E. Plemmons.

Eleventh Flight—Karl Kahley and John Snyder.

Twelfth Flight—R. P. Wallace.

Thirteenth Flight—Elmore Koons, Harold Ratjen and H. E. Shatley.

Fourteenth Flight—George Everitt, Walter Lovell and Sewell Brown.

Fifteenth Flight—J. D. Hall and Roy Roberts.

Sixteenth Flight—Rudy Pletz.

Seventeenth Flight—Ray Whitehorn and Bill Ebert.

Eighteenth Flight—C. R. Eichelberger and George Evans.

Nineteenth Flight—M. L. Taylor, W. N. Rice and O. E. Gilcrease.

Commission Finds Geese Hard To Trap

The Tennessee State Game and Fish Commission have found wild geese are wary birds and difficult to live-trap for banding purposes. Use of cannon net, however, proved successful for employees of the commission at the Hiwassee Island refuge in the Tennessee Valley Authority Chickamauga Lake. On one cast, they captured 99 Canadian geese and were able to band and collar 93 of the big birds for identification before they were released. Bands and collars enable wildlife technicians to trace movements of waterfowl.



THEY GROW SMALLMOUTH bass big up in Canada, as is shown by this snapshot of Don Hill, Jr., son of the Y-12 Research Services Department Superintendent, with two hefty fish caught in Ontario while vacationing. The fish weighed four pounds and three and one-half pounds.

Marksmen Victors In Pistol Circuit

The Y-12 Plant Pistol League concluded its summer firing last Thursday night at the Oak Ridge Sportmen's Association range with the final standings putting the Marksmen team on top with a fancy mark of 28 points won and only two lost during the schedule. The Marksmen and Experts both took forfeit wins when the Masters and Sharpshooters failed to muster a quorum.

In firing for record C. G. Brewster, of the Marksmen, had the top scratch score of 257. J. B. Bible, firing for the Experts, topped the handicap shooters with 290.897.

Final league standing follows:

Team	W	L
Marksmen	28	2
Masters	14	16
Sharpshooters	10	20
Experts	8	22



THE BEST SPORTSMAN TROPHY—the most coveted in league play, was won by P. H. Williams, of the Guard Department, in the 1957 Summer Pistol League competition. He is one of the oldest men in point of service on Y-12 pistol and rifle teams, firing with the Sharpshooters team in the pistol loop. In the recently closed season he posted the second best scratch average in the league.

Tots Bowling Loops Meet Set Saturday

An organization meeting for Tots Bowling Leagues for Oak Ridge youngsters ranging from eight through 13 years of age will be held at 10 o'clock Saturday morning, September 21, at the Oak Terrace ballroom, it has been announced by Ralph G. Williams, director of the project. All Y-12 parents and their children in the age bracket who want to join one of the teams are urged to attend the session.

The league will bowl at the Central Bowling Alleys, beginning early in October. Williams says he hopes to form at least as many as the three leagues of eight teams each that bowled in 1956 ready for action this season. There were approximately 145 youngsters bowling in the Tots Leagues last season.

State Rifle Team Tops National Meet

The Tennessee State Civilian Rifle Team made an excellent showing in the National Rifle Matches fired recently at Camp Perry, Ohio, finishing on top of all the civilian teams firing in the Herrick Team Match over the 1,000-yard course to win the Port Clinton Trophy. The Tennesseans were without the services of their captain, Carl G. Brewster, of the Y-12 Medical Department, who suffered an eye ailment just before the matches that prevented him from making the trip.

In over-all firing at Camp Perry the Tennessee team finished fourth among 200 groups seeking top honors. One Marine and two Army teams topped the Tennesseans.

Replacing Brewster as captain of the Tennessee team was W. H. Devy, of the K-25 Plant. Other Union Carbide Nuclear Company

Four Teams Tied In C Loop Race

The C League of Y-12 Plant keglers got under way last week at the Central Bowling Alleys with the Alley Cats, Murderer's Row, Sooners and Hornets each posting four-point whitewash victories over the B Shift, Chillers, Daffodils and Hi Balls, respectively.

Murphy, of the Alley Cats, rolled the best single games of the opening night with a 195 scratch and 198 handicap effort. Derosa, rolling for the Sooners, posted a 486 scratch series, boosted to 564 with handicap. The Alley Cats nearly went all the way in topping the team scores with a 807 scratch game, increased to 840 with handicap and 2097 scratch series. They shared handicap series honors with the Murderer's Row pinmen at 2722.

League standing follows:

Team	W	L
Alley Cats	4	0
Sooners	4	0
Murderer's Row	4	0
Hornets	4	0
Hi Balls	0	4
B Shift	0	4
Daffodils	0	4
Chillers	0	4

Cats Meet McMinn; Romp Over East

Following their 27 to 0 triumph over Knoxville East High School last Friday, the Oak Ridge footballing Wildcats will entertain the McMinn County gridgers from Athens at 8 o'clock on Friday night of this week at Blankenship Field. The win over East was gained by three long marches combined with a recovered fumble and costly penalty assessed the Knoxville team.

riflemen on the team were T. C. Sain, also from K-25; W. E. Brundage and A. A. Abbatiello, Oak Ridge National Laboratory; and his son, Leonard Abbatiello.

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Continued from Page 2
Lay and W. Chambers did not announce vacation plans . . . Get well wishes to **R. C. Murphy, C. F. Charpie and J. H. Oldham**, all out with the miseries last week . . . The Aspen Shop acts likewise to **A. R. Brown** . . . Latest report on that Labor Day Florida fishing foray was about 800 pounds of fish caught with **Kirby Duke** landing the biggest and **Bill McGregor** close behind—**Jim Shelton** hauled a shark close to the boat but fellow voyagers decided they didn't want any part of that creature aboard . . . Back home, after a trouncing by **L. S. Nabor, W. T. Heyley** has about decided to retire from playing checkers.

INDUSTRIAL RELATIONS
Ann Hensley, Employment, was a Florida vacationer last week.
Mayme Hundley, Cafeteria, is taking off for a couple of weeks in Knoxville . . . Get well wishes to the husband of **Rosa Lowe**, who suffered a heart attack last week . . . **Irene McCroskey** is resting up down in Sweetwater . . . Head man **George J. McNamee** crossed horns with Brother Elks last week down in Chattanooga—he's head Elk for this section of Tennessee.
L. E. Bellamy, of the Guard Department, who presides at that first-floor pulpit in Bldg. 9704-2, will be missed for three weeks while he catches up on visits to friends and relatives at Myrtle Beach, S. C., Kentucky and Virginia.
Safety Department Y-12ers and many other friends of **Joe Carpenter** extend sympathy over the death last Friday morning of his mother-in-law, Mrs. Virginia Mc-Miel.

CHEMICAL
R. D. Atkins is the Father of the Week in Product Processing—a seven and one-half pound baby girl, Cathy Jane, is the newest addition to the family.
Folks in the Chemical Department gave **Lizzie Alexander** an

affectionate send-off last week just before she resigned to leave with her husband for Phoenix, Ariz., where he will be working—**Lizzie** has been around since February 26, 1945, a real old-timer.

ALLOY
W. A. Agee, Alpha Five Cascade Operations, is vacationing at home in Jacksboro . . . **W. L. Harper** went to New York and also attended the wedding of his cousin over at Cookeville last week end . . . **D. W. Davis** rested up last week at home in Oak Ridge . . . Best wishes accompany Co-Op **H. A. Fell**, who is going back to studies at Auburn and a warm welcome to **Bobby Joe White**, back to work from the University of Tennessee branch at Martin, Tenn.

Alpha Four Cascade Operations extends get well wishes to **E. F. Fleischman** and **H. M. Freels** . . . Co-Op **W. T. Brownney** is welcomed back from Virginia Polytechnic Institute . . . **Eli England** is vacationing in and around Powell Valley.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES
Ken Bernander, A Shift Superintendent, may make a week-end trip to Alabama during his vacation, most of which will be spent around home in Oak Ridge.
J. B. Tallent, General Utilities, probably will be found somewhere around Georgia and Alabama while off on vacation . . . **A. W. Byford** and **J. L. Messenger** are welcomed back after being ill . . . If many more folks get sick, General Utilities might have to go out of business—a recent roll call found **E. M. Baird, E. W. Mahan, M. G. Crouch, F. M. Gambill, L. Ellison, A. C. Wampler, P. L. Bee-ler, W. J. Wiggins, M. S. Mee** and **L. M. Adams** all on the ailing list.

Now they're making cloth out of milk—sounds fine for moths with ulcers.

'Flying Saucers' Topic At ASME Smoker Meet

Air Force Reservist To Speak On Thursday

A talk on "Flying Saucers" by a reserve officer of the Air Force and authority on the subject will be given at a meeting of the Oak Ridge Group of the East Tennessee Section of the American Society of Mechanical Engineers tomorrow night, Thursday, September 19. The meeting will be at 7 o'clock in the Acorn Room of the Oak Terrace, when the group will hold its annual smoker meeting, the opening session of the 1957-1958 season.

The speaker will be **Lieut. Col. J. C. McAshan, U.S.A.F., Res.** He was a B-25 and B-26 pilot during World War II and a member of the Strategic Air Command during the Korean War. He became interested in unidentified objects in 1952 and now is a member of the National Investigating Committee on Aerial Phenomena, an organization with headquarters in Washington, D. C. It has members throughout the country devoted to the investigation of unidentified objects, which in many circles are believed to be space craft from outside the earth's orbit.

The ASME group has several members in the Y-12 Plant Area and all of them and guests are invited to attend what is expected to be an interesting session. The group meets on the third Thursday of each month.

Nursery School May Shift To Full Day Operations

Full day operations are being considered by the Oak Ridge Nursery School for children ranging in age from two and one-half to five years old, officials of the school on Roberville Road have announced. The school opened September 3 for half-day operation.

The Nursery School is licensed by the Tennessee Department of Public Welfare and is operated as a non-profit organization to provide creative play and competent care for children whose parents both must work. The school is owned by parents of enrolled children and administered by an elected board of directors. Only trained teachers are employed.

Y-12 parents wishing to enroll their youngsters for the half-day program may do so now. Any interested in promoting the full day program are asked to phone the school, Oak Ridge 5-3036, between 9 a.m. and 1 p.m., the present operating hours.

A rat is a guy who's too big for a mouse and too small for a man.



CUTE BATON WIELDERS are, from left above, **Rebecca Kay White, 5**, daughter of **W. H. White**, Product Processing; and **Kay Higgins, 6**, daughter of **T. S. Higgins**, Chemical, shown in a recent Oak Ridge recital.

56 Research Services Men Have Fine Records

Continued from Page 1
Services personnel are an indication of what can be done by Y-12ers throughout the plant on any kind of work assignments, it is pointed out by the Safety Department.

Research Services assignments are widely varied in character. It constructs and maintains equipment used in experimental work by Oak Ridge National Laboratory groups in the Y-12 Plant Area. Many of these jobs present highly complex mechanical and electrical problems that require all employees to be alert to avoid accidents.

The safety records of the individual Research Services employees no doubt have been duplicated elsewhere in the plant by Y-12ers with equally hazardous work assignments. However, they can be an inspiration and example to other individuals and departments throughout the Y-12 Plant Area.

GEORGE DYKES NAMED HEAD OF STATE ELKS

Gorge H. Dykes, of the Union Carbide Nuclear Industrial Relations staff, has been elected president of the Tennessee Elks Association, being elevated to that post at the convention in Chattanooga last week. He is well known to many Y-12ers. Two Y-12ers also hold high positions in the Elks organization. **George J. McNamee**, Cafeteria Supervisor, is District Deputy; and **R. R. Tippy**, Finance and Materials, is grand exalted ruler of the Oak Ridge Lodge.

'Disability Freeze' Filing Time Extended

Social Security Benefits For Veterans Expanded

Warren Maddox, district manager of the Knoxville social security office, has declared that a long-disabled worker now has until the beginning of July, 1958, to file an application for the "disability freeze" and still have his social security earnings record protected as of the date he actually became disabled. He also said that the law now permits a veteran to receive compensation from the Veterans Administration for service-connected disability without any reduction in the amount of his disability insurance benefits under social security. These changes are significant to persons who have been disabled for some years and to those with service-connected disability.

The purpose of the "disability freeze" is to prevent those years during which a severe and indefinite disability keeps a person out of work from counting against him on eligibility for benefits or on the amount of his benefits. A person cannot qualify for the "freeze" unless, in addition to meeting disability requirements, he has worked for at least five years under social security and for about one and one-half years during the three-year period just before his disability began.

Until the recent change in the law, a period of disability could not be determined to have begun earlier than 12 months before application for the freeze, unless the application was made before the end of June, 1957. For this reason, a disabled person who failed to make his claim before the end of June, and who had become disabled before January 1, 1955, would have lost his right to have his social security record frozen because he could not possibly meet the work requirements. Moreover, without the "freeze" he might have lost future rights to any social security benefits for himself or his family, because at the time he dies or becomes 65 he may not have the required work credit. The law, as now amended, gives those who were disabled before January 1, 1955, until June 30, 1958, to file an application for the disability freeze to protect their rights to old-age, survivors, or disability insurance.

Offset For Vets Modified
The amendment relating to disabled veterans modified the "offset" provision in the law so that a social security disability insurance benefit will not be reduced because of compensation payable to a veteran by the Veterans Administration for his service-connected disability. **Maddox** pointed out that the offset continues to apply in cases involving veterans' pensions which are paid on account of nonservice-connected disability.

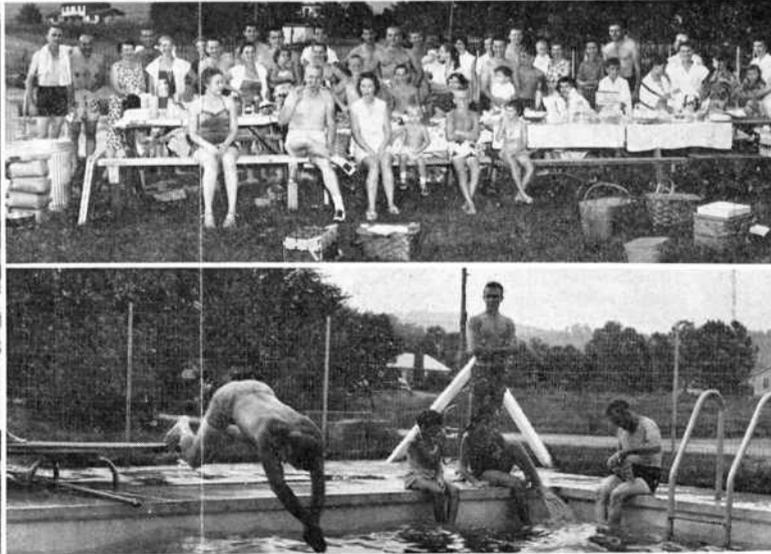
Progress Made In Lowering Accidents Among Aged Groups

Considerable progress has been made during the last 20 years in reducing fatal accidents among persons aged 65 and over, with a 15 per cent reduction in the rate for the last six years alone, it is reported by statisticians of the Metropolitan Life Insurance Company.

However, accidents at these ages will take more than 25,000 lives each year in the United States. This toll is greater than from any other cause except the cardiovascular diseases and cancer. A study of fatal accidents among the aged indicated that transport and home accidents together account for about two-thirds of all the deaths from accidents at almost every age group past 65. Secondly, accidents in and about the home account for a rising proportion of the accidental deaths with advance in age.



WHO SAID PHOTOGRAPHERS DON'T EAT?—In the picture at left take a gander at **Fred Williams**, who does most of the picture taking for The Bulletin, go to town on that chicken leg at the recent Mechanical Inspection Department picnic at the Solway pool. Not counting the small fry—spectators to Williams' dining—from left are **Mrs. Harold Payne**, back to camera; **Mrs. Bill Hackett**, with plate in hand; **Mrs. Elsie Moffitt** and at extreme right is **Kathie James**. The picture was taken by **Barbara**



Hensley at the insistence of the editor. The upper right picture shows most of the guests at the picnic spread. Seated in front are **Jessie Guinn, Harold Payne, Mrs. Payne, Steve Payne, Michael Thompson** and **Kathie James**. After an appropriate period of rest, some of the gang try out the swimming facilities in the lower right picture. Diving is **Larry Kinkaid** and then, seated from left, are **Christ Searles, Sharon Searles** and **Bert Searles** with **Richard Searles** standing.