



WIVES AND A DAUGHTER OF Y-12ERS HAVE BEEN ACTIVE AS INSTRUCTORS in the water safety courses conducted this summer by the Oak Ridge Chapter of the American Red Cross. At left Meta Boorn, wife of E. L. Boorn, Research Services, is shown teaching a bunch of youngsters. At right is Sue Cantrell, daughter of Loyde Cantrell, General Machine Shop, also with a class of beginners.

Members Of Y-12 Families Help Red Cross As Instructors In Water Safety Courses

Voluntary Service Contributes To Success Of Program; Chairman Of Chapter Is Y-12er

Throughout the past several years Y-12ers have not only wholeheartedly supported and contributed to the program of the Oak Ridge Chapter of the American Red Cross but they also have taken a prominent part in the activities of the chapter. Y-12ers have held—and now hold—executive positions with the Red Cross. They also volunteer their services in many other phases of the chapter work.

For instance there is the water safety program. With this program rapidly being concluded for this summer, a number of Y-12ers and members of their families have provided valuable services in teaching classes. These classes in water safety provide instruction not only in swimming, but also how to rescue persons who cannot swim and are in trouble and how to apply life-saving techniques to unconscious victims.

Have Taught Four Years

Among these instructors—typical members of the large corps needed to successfully conduct the program—are wives of Y-12ers. Peggy Andress, whose husband is Tom Andress in Piping Engineering; and Roslyn Berman, wife of Phil Berman, Industrial Engineering; are real veterans of the Red Cross water safety program. Both have been instructors for four years. This summer their charges have been housewives seeking to learn how to swim.

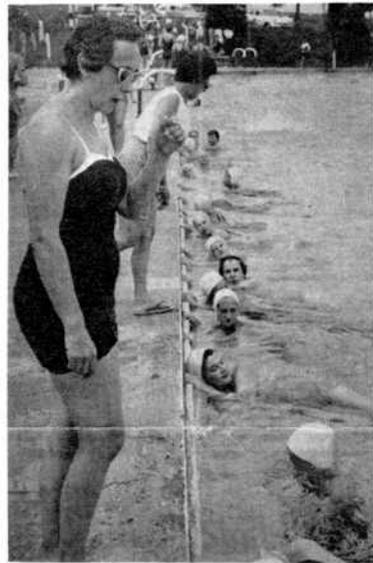
Then there is Meta Boorn, wife of W. L. Boorn, Research Services. This summer she has been teaching a bunch of beginning youngsters. Sue Cantrell, daughter of Loyde Cantrell, General Machine Shop, also has been instructing a class of youngsters.

Campbell Is Chapter Chairman

The present chairman of the Oak Ridge Chapter of the American Red Cross is James E. Campbell, of Industrial Relations Administration. He is serving his second term as chairman of the chapter, although not in succession. George W. Flack, Industrial Relations Division Superintendent, also has served as chapter chairman. In the past several years, other Y-12ers have held various posts with the Red Cross.

The water safety program places most emphasis on correct principles of swimming. Courses were conducted daily through the summer for beginners, intermediates, swimmers, junior life savers and senior life savers. Beginners include youngsters at least seven years old, unable to swim but

Continued on Page 4



TEACHING A GROUP of housewives how to swim in the Red Cross water safety program are Peggy Andress, front left, wife of Tom Andress, Piping Engineering; and Roslyn Berman, in rear in white blouse, whose husband is Phil Berman, Industrial Engineering.

Paper Invites Use Of Columns By Associations

The Bulletin is issuing its annual invitation to all professional and scientific and technical associations and organizations to utilize the columns of the Y-12 Plant newspaper to publish announcements of their meetings throughout the business year.

Association secretaries and publicity chairmen are particularly urged to note the Bulletin deadlines. For publication of announcements of a meeting to be held after a Wednesday of any week, the notice must be at The Bulletin office not later than the preceding Thursday, particularly if accompanied by photographs to use with the announcement.

Many Y-12ers are members of various scientific and technical groups in Oak Ridge, Knoxville and elsewhere and this invitation is intended as a service to both them and their organizations.

CORNERSTONE LAID

A brief cornerstone laying ceremony was held July 23 for the new office building of Union Carbide Canada. A. A. Cumming, president of the firm, officiated and pointed out the increased operating efficiency expected when the new building is completed in mid-1960.

Y-12ers Can Study Chemistry, Physics From Home TV Screens

UT Will Give Credit For Persons Enrolled In NBC "Continental Classroom" Courses

An excellent opportunity for Y-12ers and other Union Carbide Nuclear Company employees in Oak Ridge to study chemistry and physics in front of their television sets will be available starting on Monday morning, September 28. At that time the "Continental Classroom" program, sponsored by Union Carbide Corporation and seven other leading industries, will begin to be televised over WATE-TV, Channel 6, Knoxville, from 6 a.m. to 7 a.m.

To add to the value of the program, the University of Tennessee will give credit for persons who formally enroll for these classes in chemistry and physics. The one-hour telecast will be divided into two parts. The first half will present a repeat telecast of the Atomic Age Physics show of last year. The second half will offer a Modern Chemistry course, covering fundamental principles and a survey of recent developments.

Should enough persons express interest in the physics course, credit in Junior Physics will be given by the University of Tennessee. The chemistry course will offer college credit in the subject at the freshman level.

UCNC employees who do not wish to take the program for credit can avail themselves of this opportunity to review and enlarge their knowledge in the fields of physics and chemistry from the comfort of their own living rooms.

The University of Tennessee will announce the method and details of enrollment in the near future.

The American Chemical Society and the American Association for Teacher Education are co-partners with the National Broadcasting Co. in presenting "Continental Classroom." In addition to Union Carbide Corporation, other organizations providing financial backing for the program are the Bell Telephone System, E. I. duPont de Nemours Co., General Foods Fund, International Business Machines Corp., Pittsburgh Plate Glass Foundation, Standard Oil Co., of California and United States Steel Corp. The Ford Foundation also is helping to back the project.

Dr. John W. Baxter, on leave from his University of Florida post as professor of chemistry, will conduct the Modern Chemistry course on "Continental Classroom." Guest lecturers on the program will include Nobel Prize winning chemists and other outstanding scientists. Dr. Baxter has been professor of chemistry at the University of Florida since 1952.

Educational Assistance Plan Under New Set-Up

Administration of the Union Carbide Nuclear Company Educational Assistance Plan will be handled by the Insurance and Benefits Department in the future. Y-12ers planning to apply for the benefits offered under the Educational Assistance Plan for fall term courses should communicate with Arnold Tiller, first floor of Bldg. 9704-2, plant phone 7382, for information.



"CONTINENTAL CLASSROOM" instructor over television will be Dr. John F. Baxter, above, on leave from the University of Florida.

Welding Group Sets Interesting Program

Lecture Series Starts In September In Ridge

An interesting program has been arranged for the Northeast Tennessee Section of the American Welding Society for its 1959-1960 season in the form of an educational series of lectures on the metallurgy of steels. Nationally recognized welding engineers and authorities in their fields have been invited to address the membership and guests. The lectures will be given at the Oak Ridge Institute of Nuclear Studies at 7:30 p.m.

The lecture series will begin in September with the program being developed by Prof. E. E. Stansbury, of the University of Tennessee. Speakers on those lectures will be from Oak Ridge National Laboratory and leading universities. The September 3 topic will be "Metal Structures" by R. E. Clausen from the University of Cincinnati. D. F. Toner, from the University of Wisconsin, will speak September 10 on "Alloy Systems." Then on September 17 "Principles of Heat Treatment" will be discussed by J. L. Scott from the University of Tennessee. The September series will be con-

Continued on Page 4

ORNL Disabling Injury First In 5,000,000 Hours

A disabling injury dating back to July 1 has become official on the Y-12 Plant Safety record. The mishap was suffered by an Oak Ridge National Laboratory scientist in the Biology Division, who had a finger badly cut when some glassware broke. Surgery was needed to repair damage to tendons. The accident cut only two days from the Y-12 Plant record, which is given correctly in the safety box in this edition of The Bulletin. The injury was the first in more than 5,000,000 man-hours of ORNL operations in the Y-12 Plant.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 53 Days Or 1,645,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through August 23 Phone 7755 For Daily Report On Accident-Free Hours

September 18 Is Deadline To Pick Up Safety Awards

The last day for Union Carbide Nuclear Company employees in the Y-12 Plant Area to pick up their safety awards will be Friday, September 18. The awards, being presented to UCNC employees who helped the Y-12 Plant establish the 24th Union Carbide Corporation Safety Period, may be obtained at the Y-12 Safety Department, first floor, Bldg. 9704-2, between 8 a.m. and 4:30 p.m.

Most of the 6,258 articles given out as individual awards were distributed to eligible employees last Tuesday and Wednesday. The distribution points at all plant portals were thronged throughout the hours they were open.

ASTE Members Will Tour Paper Plant September 1

A number of Y-12ers will be among members of the Knoxville-Oak Ridge Chapter of the American Society of Tool Engineers to tour the giant Bowater Southern Paper Co. plant at Charleston, Tenn., on next Tuesday, September 1. The tour will begin at 8 p.m. with ASTE members, their families and guests meeting at the plant site on U.S. Highway No. 11 for the tour.

The Bulletin

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Rides Wanted, Offered

Ride wanted from Newkirk Lane, Oak Ridge, to North Portal, straight day. Dot Harris, plant phone 7-8361.

Ride wanted from 142 Parsons Road, Oak Ridge, to Central Portal, straight day. Ronnie Stenglein, plant phone 7-8343, home phone Oak Ridge 5-7166.

Want to join car pool from Peachwood Lane, West Haven, to North or Central Portal, straight day. N. A. Brown, plant phone 7162, home phone Knoxville 4-0446.

Two riders wanted and one to share in car pool from North Knoxville to East, North or West Portal, C Shift. John O. Lay, plant phone 7093, home phone Knoxville 5-6965.

Want to join car pool from Tacoma Road, Oak Ridge, to North Portal, straight day. R. G. Wiley, plant phone 7425, home phone Oak Ridge 5-1721.

Ride wanted from Kingston to North Portal, 3 p.m. to 11:30 p.m. shift. R. F. Dryman, plant phone 7103.

Ride wanted or will join car pool from South Knoxville to Central Portal, H Shift. S. W. Hilton, plant phone 7201, home phone Knoxville 7-1930.

Car pool members wanted from North Knoxville to any portal, straight day. J. D. Bounds, plant phone 7-8437, home phone Knoxville 5-5963.

Ride wanted from vicinity West High School on Sutherland Ave., Knoxville, to West Portal, straight day. H. M. Jeffreys, plant phone 7763, home phone Knoxville 8-8425.

Ride wanted from 327 Linden Ave., Knoxville, one block off Magnolia, to North Portal, straight day. N. J. Stubblefield, plant phone 7782, home phone Knoxville 3-4723.

Ride wanted from 585 West Outer Drive, Oak Ridge, to Bear Creek Portal, straight day. Robert W. Jenkins, plant phone 7-8449, home phone Oak Ridge 5-9919.

Riders wanted from Island Home, South Haven, Chapman Highway and University of Tennessee sections to any portal, straight day. Spence Ferguson, plant phone 7-8831, home phone Knoxville 2-3716.

Family Style Picnic Set By H Shift For Saturday

A family style picnic by Y-12ers on the H Shift will be staged on Saturday of this week, August 29, at Roane County Park, between Kingston and Rockwood. Picnic hours will be between 10 a.m. and 5 p.m. and the program calls for numerous games with prizes to be awarded grown-ups and youngsters alike.

The shift recreation committee will provide meat, bread, dessert and soft drinks. Each family attending is asked to bring salad or a vegetable for the feast. The picnic committee of H Shift is composed of H. E. Cornell, C. D. Johnson, G. E. Valentine and L. E. Pate, all of the Sunflower Shop.

Only you can protect the classified information you carry around in your memory.



LOOK AT THE EXCITEMENT ONE GAL CAN CAUSE!! At left, Linda Youngblood, daughter of Joe Youngblood, Radiation Safety; and Pearl Youngblood, Quality Control, puts on the "come hither" smile for the three lads to her right. She was born August 9, 1958. First is Bill Walker, whose mother is Jane Walker, Radiation Safety, who most probably is saying "Who, Me?" He was born on September 8,

1958. In the No. 3 spot from left is Martin McLendon, born October 6, 1958, son of Jack McLendon, also of Radiation Safety, who seems to be saying, "C'mon over to my house, baby." Then at right is Stephen Wachter, whose father is John Wachter, Radiation Safety, and who was born December 23, 1958, whose remarks probably are, "Why disturb my privacy?"



One of the Colyum's agents vowed last week he had seen this sign staked up in a fellow Y-12er's yard—

"Anyone is welcome to use our lawn mower, provided they don't take it out of our yard."

Well, the time has come (the walrus said) to get out of this yard and see what's going on next door—

FINANCE AND MATERIALS

There was much hoopin' and a-hollerin' around the otherwise peaceful halls of Bldg. 9704-2 last week—it was Eddie Pluhar—yes, it was old Grandflappy himself again—telling one and all about the golfing prowess of the Pluhar family. Grandflappy won him a batch of golf balls for having the most pars in one division and son, Kenneth, was low scratch scorer in one flight of the Morristown tournament. No wonder they won—Kenneth is in Tabulation Service and they say he sure is a fast tabulatin' man, like the efficiency expert who waited to make up a foursome before going through a revolving door.

The Record Center acquired T. A. Williams from the Timekeeping Department last week and promptly dubbed him "Travelin' Tom" and started asking embarrassing questions about shoes.

After a restful vacation of a week in Crossville, Frances Patton is back with Engineering Records.

Lots of company recently for Emma Puckett, Property. She entertained her brother, Jim, and family, from Tullahoma, Tenn., and now has as a visitor another brother, Powell, who has moved from Memphis to Oak Ridge to teach at Oak Ridge High School—giving Emma a fine chance to spoil the Powell Puckett's 10-month old son.

Home in Knoxville is the vacation choice of Charlie Hughes, Reproduction.

SHIFT SUPERINTENDENTS AND UTILITIES

The mountain air of the Smokies has J. E. "Jud" Temple, of the SS Office, breathing deep this week.

The Smokies and their homes also were the vacation destination of R. F. Farmer and E. E. Spradlin, Steam Plant . . . I. J. Maples probably is staying around home.

A cabin on Chesapeake Bay and sightseeing in Washington, D. C., are the main vacation objectives of M. G. Crouch, Utilities . . .

H. R. Cannon is camping around Norris Lake and getting in some fishing . . . A. H. Shubert is entertaining his sister from Indiana with sightseeing trips to the Great Smokies during his long break . . .

R. D. Freels has his brother from Detroit, Mich., as a visitor . . . Oscar Blackwell is loafing around home . . . E. F. Rutherford is welcomed back after a long illness.

CHEMICAL OPERATIONS

First right off the bat—the Editor of The Bulletin wants to sin-

cerely apologize for a blunder in last week's paper—it was about the death and funeral services for the late Mrs. Helen Burkhalter—the writer had the name wrong. He joins the Chemical Department in extending deepest sympathy to the widower, Max Burkhalter, and hopes that the error didn't cause too much unhappiness . . . A recent vacationer was Ed Isham, who visited in St. Louis and Cincinnati to see some major league baseball . . . J. P. Cook is vacationing this week and plans to spend a few days in Gatlinburg and the rest of the time at home. . . C. G. Peck is going to Tampa, Fla. . . Congratulations to the newest Proud Pop of the department, W. E. Ramsey having become the male parent of a son, David Grubb Ramsey, born in Oak Ridge Hospital August 7, weighing eight pounds, four ounces.

Colex Operations swapped Paul Quinley off for Barbara Guettner as its vacationing representative at Myrtle Beach, S. C.—he just went and she just came back—with a gorgeous tan . . . Joette Rule lit out for the North for her vacation, first stop is Washington, D.C., and from there—you name it . . .

Elmo Johnson headed the other way, all the way to the Florida keys . . . T. S. Arnold is up in Virginia for a week, tending to his ailing herd of cattle . . . Joe Milligan is camping out for a few days at Cades Cove in the Smokies . . . Stay-at-home vacationers with things to do around the house—mainly relaxing—are H. R. Southern and A. B. Jones. . . J. D. Conatser is doing some fishing . . . Lew Skeel is welcomed back from his summer training toils at Ft. Bragg, N. C.

Cades Cove, where his grandfather settled after the War Between the States, drew Frank Morrow, Beta Two, for his vacation . . . O. L. Williams and family are spending this week around Oak Ridge with a side trip up to Newport, Tenn. . . Jim Hallau and folks are visiting his mother in Missouri . . . Gib Hatmaker and family relaxed at home and on their houseboat on Norris Lake.

ENGINEERING

Back from a swell vacation trip with his family to Washington and Chesapeake Bay places (including a place where he could buy six big, juicy clams and all the beer he could consume for \$1) is Gus Angele, Civil and Architectural Engineering. (Ed's Note: There will be some fine pictures made by Gus, Jr., in next week's Bulletin) . . . Craig Ross is vacationing this week, probably in that new boat of his . . . J. E. McClane is staying around home, not wanting to fight traffic on crowded roads—smart chap, that.

Mechanical Engineering is happy to report that B. L. Hammer is back after a siege of pneumonia. . . Carl Green is vacationing this week and visiting his parents in Booneville, Ky. . . Pat O'Brien is taking a week of leisure and

SPEBSQSA Chapter Organization Aim Of Tuesday Meet

Male Y-12ers who are free, adult, congenial, of good repute, who can sing (or think they can) or want to learn are cordially invited to a most special meeting next Tuesday night at 8 o'clock at the Oak Terrace. On this momentous occasion plans will be made to form an Oak Ridge chapter of the Society For The Preservation and Encouragement Of Barber Shop Quartet Singing in America, Inc. The society was organized in 1938 by a Tulsa, Okla., attorney, the late Owen C. Cash and now operates on an international scale with more than 600 chapters with approximately 26,000 members in the United States and Canada.

So all you Y-12ers with a "Sweet Adeline" complex who really want to fill the air with harmony are urged to attend the session. Instigators of the movement with their Oak Ridge telephone numbers in case any further information is desired on the project are C. R. Palmer, 5-2217; Ray Gustin, 5-4746 or R. N. Lyon, 5-4435.

plans considerable flying — of model planes . . . Jo Ann Sheahan is hostess this week to her parents from Detroit . . . Kenneth Newton was in Leeds, Ala., over the week end visiting kin folks living there and others from California who also are visiting there . . . Leonard Abbatiello has been mountain climbing in the Smokies with friends . . . The Frank Fuis and E. J. Asbury families pooled their appetites last Friday night for a larruping hamburger fry at the Asbury's new home on Crepe Myrtle Drive off Oak Ridge Highway . . . W. K. Forrester was off last week with a strep infection and resulting complications and is receiving get well wishes from the department . . . Lettie Ault was out again riding the waves of Norris Lake . . . Russ Hensley's new home in Kingston is in the rough frame stage of progress . . . Eleanor Bennett says she has tied up her past, present and future in a new color television set.

MECHANICAL OPERATIONS

Cruising down TVA watercourses all the way to Alabama and making color movies of the scenery en route this week are



J. B. Kimsey, Sunflower Shop, and his wife, shown in their snazzy little runabout . . . He just couldn't take all the joy of being a grandfather of a fine baby girl, so J. F. Spradlin took off for Florida last week . . . R. C. Dixon also is in the Sunshine State . . . P. R. Blackwell is visiting points in Ohio and Virginia . . . R. P. Russell went to Houston, Tex. . .

Y-12ers With 15, 10 Years Company Service

Congratulations to the following Y-12 employees who will complete 15 and 10 years of Company Service within the next few days:

15 YEARS

Herman J. Powell, General Machine Shop, August 28.

Andrew W. Byford, Utilities, August 28.

Billy J. McNelly, Chemical, August 29.

Robert Knaff, Buildings and Grounds, August 31.

Benjamin I. Scott, Electrical Maintenance, August 31.

Henrietta Y. Keene, Medical, August 31.

Lera F. Doss, Special Testing, September 1.

Harvey J. Ballew, Guard, September 1.

Paul F. Brownlow, Stores, September 1.

10 YEARS

John G. Gray, Buildings and Grounds, August 30.

J. K. Stewart beat it for Birmingham . . . C. L. Oliver also is in Alabama . . . P. S. Greene picked North Carolina . . . F. L. Teno chose Bryson, Tenn. . . E. M. Miller is at home getting acquainted with his new daughter. . . Home vacationers include C. B. Williams, R. J. Hutchens and A. B. Blevins . . . H. E. Clayton went to the Smokies and E. E. Worsham went fishing on Norris Lake.

After attending the wedding of their daughter last Saturday (more about that next week) Charley Ethridge, Production Inspection, and the missus took off for Denver, Col., to visit a son in the Air Force.

The Alloy Shop vacationers this week have varied pursuits . . . J. L. McGinnis is touring the Smokies, George Cotter is looking over the longhorns out in Texas and O. C. Hutchison is at home making fence posts . . . Donnie Mingis is the Proud Pop of a seven and one-half pound son . . . Get well wishes are extended Horace Hamilton, ailing with the flu.

Z Area sends get well wishes to E. "Preacher" Luttrell and J. W. Steverson . . . Likewise to the mother of Chester Estes, who recently underwent surgery; and to Mark Franzreb, son of John Franzreb . . . Clarence Cottrell is spending a week of leisure in Knoxville . . . D. H. Bowman went over to Darlington, S. C., for to see the gas buggies whiz by.

The TW Shop reports H. B. Thackston vacationing at home—loafing and fishing (what's the difference?) . . . D. L. Morgan is cavorting over at Charlotte, N. C., for some golfing . . . Rapid recovery wishes are sent W. L. Beals, in St. Mary's Hospital, Knoxville, recovering from injured hand and arm sustained in a fall from a ladder . . . Also to Glen Neal, recovering from a stomach ailment at Rockwood . . . Likewise to L. K. Phillips, J. A. Collins and H. M. Phillips.

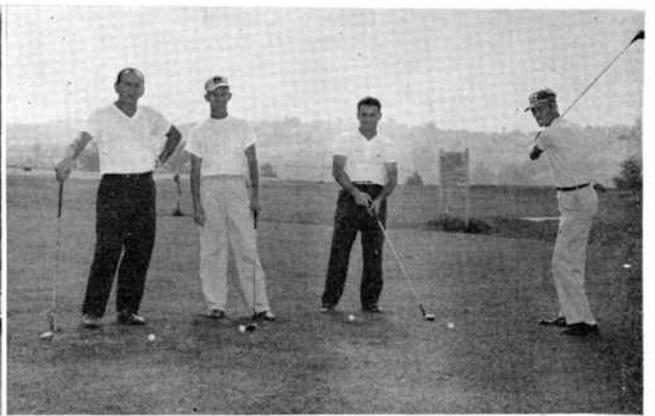
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GOLFERS OF Y-12 THOROUGHLY ENJOYED THE HOSPITALITY AND THE COURSE AT THE Morristown Country Club where the fifth and final plant tournament of the season was played August 15. In the picture at left a group of entrants are paying their green fees to Bob Cantrell, Y-12 Recreation Supervisor, seated, before starting play.



From left are Ernest Stinnett, C. R. McGinnis, F. K. Clabough, Avis Collins, C. C. Dinkins, P. C. Dabbs, III, J. E. McNabb, L. T. Hardin, bending, and Mrs. P. C. Dabbs, III, an interested spectator. In the middle photograph a group is looking down the fairway of Hole No. 1, a dog-leg affair. At right is the foursome that contained the



three top scratch scorers of the tournament. From left are Joe Pryson, Carl Dorr, second high scorer with 82; Newt Hamby, tied for third and fourth places with Frank Kennedy, not pictured, at 87; and George Wylie, the low medalist of the tournament with 75. All contestants high praised the Morristown golf course.

Boyd-Oliphant Cop Ridge Golf Title In Round Robin

John Boyd and George Oliphant, who finished in second place in the Red League for Y-12 golfers in Oak Ridge are the plant champions for the Atomic City. They defeated Ed Gambill and Newt Hamby, Blue League runners-up, four points to two in the decisive match of the round robin matches to pick a winner between the first two teams in each league.

The final standings in the play-offs found Boyd and Oliphant with 12 points won and six points lost. Gambill and Hamby had an 11 and seven mark. J. B. Smith and J. E. Bartholomew, Blue League champions, ended up with a four and eight mark. Jay Holzknicht and Paddy Peckman, Red League titlists, had a three and nine mark. The last two teams each had one more match to play but with the championship decided, they decided not to play more matches.

Hunt Bids Due By September 1

All Y-12 sportsmen intending to participate in the bear, boar and deer hunts in Tennessee management wildlife areas this fall are reminded that their applications must be filed with the State Game and Fish Commission not later than next Tuesday, September 1. Drawings for the hunts will be made Saturday, September 26.

Application forms for the hunts may be obtained from the Y-12 Recreation Department, Room 265, Bldg. 9704-2 and from the Jefferson Shell Service Station, Jefferson Ave. and Oak Ridge Turnpike, operated by M. D. Varnadore, of the Y-12 Buildings Grounds Department, who is distributing the application forms as a public service.

Only YOU can make security effective.

Tellico Fishing Season Extended

Tellico River fishing which was scheduled to end September 7 on the Tellico Wildlife Management Area will now remain open to fishing until February 1, 1960, as a result of action taken by the State Game and Fish Commission. According to the Commission, fishing for all species of trout in the Tellico River, exclusive of tributaries, inside the Tellico Wildlife Management Area, will be permitted on Thursdays, Fridays, Saturdays, Sundays and national legal holidays (or days observed as such), from September 7, 1959, until February 1, 1960, except that fishing will not be permitted during the dates of the managed big game hunts. A one-day permit costing \$1 is required in addition to the current fishing license and trout stamp.

Whiz Kids Need Pair To Get Tie

Reactors End Second Half With Two Wins

Both the Reactors and Whiz Kids, leading teams in the Y-12 Plant Softball League, picked up a pair of wins last week in the stretch run for the second half of the season. The Reactors beat the Slow Pokes 18 to 1 and the Sportsmen 7 to 1. The Whiz Kids turned in a double-header win over the Sportsmen by 8 to 0 and 9 to 0.

The Reactors have finished their schedule with a seven won and one lost mark. The Whiz Kids have two games to play this week and must win them both to claim a tie for the second half title.

The Whiz Kids' twin win Saturday night was featured by the hurling of Don Matlock, who pitched both games. He allowed only two hits in each game and whiffed 13 batters in the nightcap. The Kids hopped on veteran Ed Sise in the second game for 10 hits, including two homers by Ernie Collins. Sportsmen bobbles aided the Whizzers in both games.

The Reactors had field days at bat in their two wins, gaining 13 from Spradlin, of the Slow Pokes. Chandler gave up but two to the Pokes in this one. Against the Sportsmen Hawkins, for the Reactors, allowed but three bingles.

In the only other game last week the Sportsmen hung a 10 to 6 win over the Slow Pokes. The Atoms and Slow Pokes also were scheduled to play last Saturday night, but neither team could field a quorum so the contest was cancelled out.

Revised standings through play Saturday follows:

Team	W	L
Reactors	7	1
Whiz Kids	6	1
Sportsmen	4	4
Atoms	1	5
Sportsmen	0	6

Tilly-Evans Take Lead At Harriman

Tilly-Evans took first place in the Harriman Golf League for Carbine players in that area in the fifth match of the third round of play. They took four points from Cuneo-Grimes as Hoppe-Walker were handing a similar defeat to Thomas-Crass, previous leaders. Warlick-Willmarth won two and one-half points from Isham-Henck and Brown-Franzreb got a four-point forfeit decision from Ellis-Anglin.

League standing follows:

Team	W	L
Tilly-Evans	16	4
Thomas-Crass	14 1/2	5 1/2
Hoppe-Walker	11 1/2	8 1/2
Cuneo-Grimes	11	9
Brown-Franzreb	9	11
Isham-Henck	8	12
Ellis-Anglin	6 1/2	13 1/2
Warlick-Willmarth	2 1/2	17 1/2

Squelch rumors. They spread and grow. They can jeopardize security.

Kennedy-Beckett Take 1959 Crown At Lenoir City

Frank Kennedy and Charley Beckett took an 18-hole playoff for the seasonal championship of the Lenoir City Golf League for Y-12ers living in that vicinity. In the clash last Saturday, Kennedy and Beckett took three points to one for P. J. Arrowood and S. D. Peters.

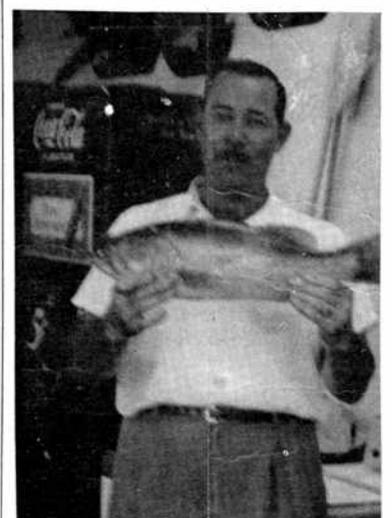
The 1959 champions had won the first half of the season play while Arrowood and Peters came in on top in the final round.

Kennedy had two fine rounds of 38 each in the championship match while Beckett posted 51-56. Arrowood had 41-46 and Peters 45-45.

Masters Cop Title In Pistol League

The Masters clinched first place in the Y-12 Summer Pistol League on August 18 by handing the one-man Experts team, Tommy Swindell, a defeat in both scratch and handicap scoring. In the other match of that night the Sharpshooters topped the Marksman by two points to take second place. One more match remains to be fired, but it cannot affect the championship.

Dave Alford had the top Masters' scratch score of 265 to 249 for Swindell. In handicap firing J. V. Ledbetter fired 285.178 to 285.026 for Swindell. The Sharpshooters' P. H. Williams and K. E. Smith were one-two in scratch and handicap scores as Williams posted 276 and 291.826 to 243 and 288.144 for Smith. T. J. Bush fired a 258 scratch and 286.325 for the Marksman and D. E. Bailey 215 and 286.460.



ONE OF Y-12'S MOST prolific fishermen is Fred G. Leon, Process Maintenance, shown above with a fine largemouth bass he caught recently from Watts Bar Lake. The lunger was taken with a flex crawler and is entered in the Y-12 Annual Fishing Contest.

59 Y-12ers Entered In All-Carbine With Deadline Set For Noon Tuesday

Competition Expected To Begin September 5 With Finals To Be Completed September 27

With 59 Y-12ers already enrolled for play in the All-Carbine Golf Tournament as of last Friday, indications point to the mark of 63 competing last year being well topped before the deadline for receiving entries at noon next Tuesday, September 1. After the last entry is received, the tournament directors, recreation supervisors of the three Carbine facilities in Oak Ridge, will begin their task of bracketing contestants in flights and arranging a schedule for the event.

It is expected that this work will be completed and schedules mailed to all entrants by Friday, September 4. This will permit play to get underway by Saturday, September 5.

The first round of the tournament must be completed by Sunday, September 13, the second on September 20 and the finals by September 27.

For Y-12ers who have not yet entered the tournament and who wish to do so, entry blanks may be obtained at the Y-12 Recreation Department, Room 265, Bldg. 9704-2.

Campbell Defeats Christman In Loop

Alan Christman's perfect record in the Y-12 Men's Tennis League was shattered last week when defending champion Sam Campbell set the loop leader back with a hard-fought 6-4, 3-6, 6-0 defeat. The match marked completion of the schedule for Christman and only Campbell and Charley Robinson have a chance to tie for the 1959 crown.

League standing as of last Friday follows:

Player	W	L
Alan Christman	8	1
Sam Campbell	6	1
Charley Robinson	5	1
Mike Laggis	3	2
A. M. Stephens	2	2
Ray Kuhn	2	4
J. L. Disney	1	1
John Perry	1	4
P. C. Rekemeyer	1	6
W. L. Harper	0	7

Knox, Kingston Pin Loops Offered Aid

Y-12 bowlers living in Knoxville or Kingston will be assisted in forming leagues for the season if they so desire, it has been announced by the Recreation Department. This particularly applies to bowlers living in the West Knoxville, West Haven and West Hills sections, where new alleys will be ready to serve residents of those sections this season. One of the new alleys is on Oak Ridge Highway at Cumberland Estates and another is on Kingston Pike in the Bearden area.

Any individual or groups wanting to form leagues to roll on these alleys is asked to communicate with the Recreation Department, Room 265, Bldg. 9804-2, plant phone 7100.

Bowling Season Opens August 31

C League First To Go; Four Loops Are Set

With all berths in the four Y-12 Plant bowling leagues filled or expected to be filled by starting dates, the timber topplers will swing into action next week at the Ark Bowling Lanes in Oak Ridge.

The first loop to swing into action will be the C League, which will begin rolling next Monday night, August 31. The circuit will have 12 teams. J. A. Whitten was named president of the league last week, replacing Al Fischer, previously elected but unable to serve. W. B. Tyree is secretary of this group and C. C. Watson is vice president. The C League will perform at 5:45 p.m. every Monday.

The Classic League of 16 teams will launch its season on Thursday, September 3. U. G. Riddle is president of the loop, Sewell Brown is vice president and Tom Pappas is secretary. The league rolls every Thursday at 5:45 p.m.

Following the Classic League, the popular Mixed League of men and women maple maulers will begin play at 8 o'clock on Wednesday night, September 9, and at the same time every Wednesday night during the season. Jim Turner is president of this league, Nell McGinnis Jago is vice president and Shirley Brown is secretary.

Rounding out the program will be the Bush League of 10 teams. This group has Jack Forseman serving his second year as president. B. L. Hammer is vice president and Jack Cox is secretary. This league rolls every Monday night.

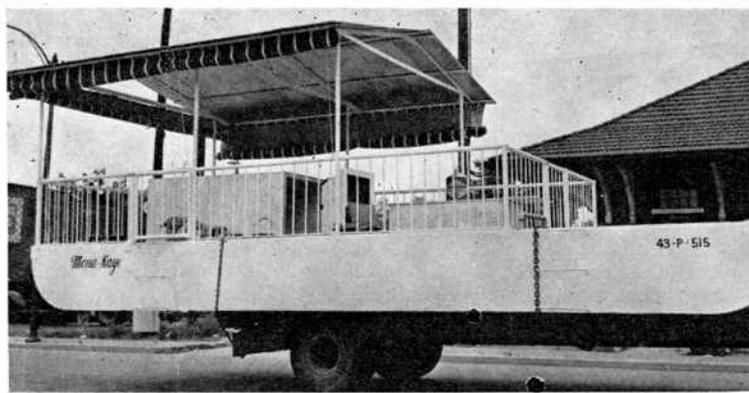
Y-12er's Son Hurls Team To LL Title

Randy Pool, 11, son of Y-12er W. H. Pool, Electrical Maintenance, pitched the Baptist team to the championship of the Kingston Little League recently. He gained credit for a Baptist victory over the Methodists by 10 to 6 in an eight-inning overtime game. Young Pool won three of the five games won by the Baptists in the playoff for the title. His overall record for the season was 10 won and none lost. His team had a 15-6 record for the season.

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THIS TWIN-PONTOON CATAMARAN CRAFT was designed and constructed by T. M. Rollins, husband of Mona B. Rollins, Production Assay, and is providing the Rollins family with a lot of fun on Norris Lake as a base for fishing, picnicking and just cruising around. It is 28 feet long and 12 feet wide and powered by an inboard motor. It is shown above being transported to Norris for christening and placing into service.

Continued Alertness On Espionage Urged

Dangers Of Soviet Regime Are Described

"You have been given the job to be constantly on the alert for penetration efforts by the largest, most ruthless, but yet the most effective intelligence and espionage agency the world has ever known—the Soviet Intelligence." **Particularly Applicable To Y-12**

This statement was made by Maj. Andrew J. Kukučka in an address at a security seminar in Washington, D.C., recently. The statement applies to every American—and particularly such persons as employees of industrial facilities like Y-12 that are engaged in national defense work.

Major Kukučka continued: "This ruthless organ has the unique job of keeping the present Soviet regime in power, and of penetrating the fields of science, industry and government of the major countries of the world. In view of the present world situation, it is extremely important we learn about that force that threatens our very existence and especially about that agency which is the instrument of communist power."

"Important to any espionage mission is the development of an informant network. The Soviets have various methods by which they can accomplish this mission. The first of these is through subversion. Communist sympathizers are selected and put in touch with undercover agents usually operating from one of the Soviet embassies in the United States. Sympathizers are selected because of their social standing, education, and professional skills. . . . They are provided with sufficient funds and means to become prominent in their fields through participation in social clubs, professional groups, fraternities and sororities. Once gaining a foothold in the club, group or fraternity, the sympathizer uses it for subversive activity."

Major Kukučka explained that one of the most effective methods of penetration is by means of agents, usually from satellite nations, skilled in various trades, who are provided with carefully manufactured anti-Communist backgrounds, and who are able to enter this country under legal immigration quotas. On arriving in this country they are usually given a good security rating and, on account of special skills, soon find employment in sensitive industries. They become model citizens, often community leaders, and gain access to many sources of information through social, professional and community activities. They use anyone and everyone to gather intelligence information.

"As long as we keep the security of our nation and our nation's industries uppermost in our minds we will cope with this problem effectively. As long as we can educate our workers and employers in the importance of security we will succeed in stamping out Communist subversion and penetration to make our America and our American industry the most secure in the world," he concluded.

UCNC Expanding Tungsten Plant At Bishop, Cal.

Union Carbide Nuclear Company has announced plans for expansion of its tungsten mill at Bishop, Calif. The new unit will enable the Company to produce a high-purity tungsten raw material, ammonium paratungstate, at the mine site. It is the first direct method for preparing this product of this high purity from scheelite ore sources. Ammonium paratungstate is an important raw material for the manufacture of cemented tungsten carbides, lamp filaments and numerous electrical appliances.

Welding Group Sets Interesting Program

Continued from Page 1
cluded on September 24 when J. J. Prisliger, University of Florida, will speak on "Hardenability." The tentative program for the rest of the season also includes talks of interest to the AWS and the American Society for Metals. In October, W. D. Doty, U.S. Steel Corp., will speak on "Weldability Tests and Mechanical Properties of Weldments." D. C. Smith, of the Harnischfeger Corporation, will be the November speaker on "Low Hydrogen Electrodes." The January speaker will be E. F. Nippes, Rensselaer Polytechnic Institute, whose subject will be "The Heat Affected Zone." In February "Welding Problems of the Steam Turbine Industry" will be described by R. M. Curran, General Electric Co. The March subject will be "Field Erection of Containment Vessels for Nuclear Reactors" by P. C. Arnold, Chicago Bridge and Iron Co. The series will be wound up in April with L. Petryk, International Nickel Co., speaking on "Welding of Dissimilar Metals."

Dove, Squirrel Season Near

The dove and squirrel hunting season in Tennessee will get underway next Tuesday, September 1. The squirrel season will run until January 1 with hunting hours being from sunrise to sunset. The dove season will be divided into two parts, the first closing on October 21 and the second running from December 19 to January 1. Hunting hours for doves are from noon until sunset. The possession limit for squirrel is 12 per hunter. For doves the limit is 20. Federal regulations covering baiting, firearms, bag and possession limits and methods of hunting are applicable in dove hunting in Tennessee.

Cove Lake Planting For Waterfowl Set

Cove Lake in Cove Lake State Park in Campbell County will again be planted to attract and hold waterfowl, according to Dale Yambert, principal waterfowl biologist for the State Game and Fish Commission. This year's plantings will consist of millet, rye grass, and ladino clover; and will be strip-planted around the lake shoreline.

Planted to attract waterfowl for the first time in 1958 this beautiful East Tennessee lake now harbors an ever increasing number of wintering visitors. In addition to the cold weather population of geese that may be found there, almost every species of wild ducks that visit East Tennessee may also be seen during the waterfowl season.

So often the human touch is that of the itching palm.

Y-12ers Can Study From Home TV Screen

Continued from Page 1
willing to learn. The intermediates range from eight to 14 years of age who have completed the beginners course. The range age of the swimmers is from nine to 12 years old who have completed intermediate requirements. There also are classes for adults—mostly housewives. Then there are the classes in junior and senior life savers by qualified instructors. **1957 Biggest Year For Program**

Last year the water safety program was the biggest in history. There was a total of 3,108 children and adults enrolled. This year, although final figures have not been compiled, it is believed the enrollment is even higher.

At the Oak Ridge swimming pool, where the Red Cross water safety program is carried out, all of the program activities are under supervision of Blanche Dresner, water safety coordinator for the chapter. She is a trained Red Cross instructor and has been teaching at the local pool since 1953. The entire program involves work by some 75 persons, with all of their efforts being on a volunteer basis.

Engineering Division Sets Cove Lake Picnic Saturday

The annual picnic of the Y-12 Engineering Division has been scheduled for Saturday of this week, August 29, at beautiful Cove Lake State Park, near Caryville on U.S. Highway No. 25-W. The program will open with swimming from noon until 2 p.m., games for guests of all ages from 2 p.m. to work up appetites for "chow time" starting at 4 p.m. There will be favors for all youngsters attending. The picnic will include barbecued chicken, baked ham, baked beans, potato salad, potato chips, pickles and olives, cup cakes and soft drinks.

NEW LINDE PLANT OPENS

The new Linde Company on-site plant for the Armco Steel Co. at Middletown, Ohio, now is on steam. It has a capacity of 80,000,000 cubic feet of gaseous high-purity oxygen per month.

THE WINNER



IN THE LONG RUN



Continued from Page 2
Malicoat, with undisclosed miseries.

Production Control has **L. R. Loveless** visiting in Texas . . . **H. R. Bailey** and **W. Z. Trimble** went to Florida . . . **C. F. Brockmeier** is in Illinois . . . **M. M. Dickens** week ended recently in Nashville . . . **R. G. Spurling** was a Smoky Mountain visitor a few days ago. Beta Four Machine Shop welcomed newcomer **J. P. Young** last week—also **N. R. Parrott**, transferred from the Sunflower Foundry . . . **B. Rankin** is a home vacationer.

INDUSTRIAL RELATIONS

The Colyum got a booful picture post card last week from **Liz Campbell**, the Fire and Guard Department reporter, vacationing in Daytona Beach. She got the card and postage free from an old pal of the Colyum Conductor—the pal is a vendor of fine viands and victuals. (Note to Mack Gill: How come the horse in front of the place? Have you a new item on the menu?) . . . Back to Y-12 for further notes of the Boys In Blue and Gray . . . Condolences are extended Guards **R. L. Carson** and **H. H. Neal**, whose fathers died recently . . . Get well wishes go to Guard **J. P. Barber**, in St. Mary's Hospital, Knoxville, following a heart attack . . . Lieut. **J. C. Hastings** and family are vacationing in Fontana, N. C., and then to Williamsburg, Ky., where his son will enroll in Cumberland College . . . Fireman **Clyde Cook**, referring to the aforesaid Liz Campbell's flight to Florida, is reported to have commented when asked as to his vacation plans, "Since Liz went to Florida it's nobody's business where I'm going."

A trip to Ohio is in the vacation plans of **Judy Reeves**, Personnel Records, this week.

MAINTENANCE

Mechanical Maintenance sends get well wishes to the fathers of **A. L. Donald**, in Mississippi, and **R. J. Malone** . . . Also to **Grace Watkins**, on the ailing list . . . Congratulations are extended **F. B. Matthews**, whose daughter graduated from East Tennessee State College at Johnson City last Friday . . . Sympathy is extended **C. F. Huskey** and Mrs. Huskey on the death of her grandmother.

Electrical Maintenance has **W. O. Canant** on vacation to discover the sweet mysteries of little baby girls—his new daughter was born at 8 a.m. on August 19 at the Athens, Tenn., Hospital, weighing eight pounds, six ounces . . . **F. L. Margrave** is spending his week of leisure camping . . . **J. S. Jones** and family went to see relatives in South Carolina . . . **C. E. Dalton** and family are on a similar mission to Campbellsburg, Ky. . . . **Babs Stooksbury** and folks are resting up at their cabin on the shores of Norris Lake and also will visit the mountains . . . **J. H. Campbell** is tossing a coin to see whether he will go to Georgia or to the Smokies . . . Speedy recovery wishes go to **Melvin Whited** in Oak Ridge Hospital,

and also to **Jim Miller**, **H. L. Vandergriff**, **L. R. Irwin**, **M. S. Powell**, **W. K. Rainbolt** and **H. W. Montgomery**.

Dividing his vacation time between home in Oak Ridge and his farm in Claiborne County is **R. H. Gilbert**, Research Services . . . **C. G. King** is going to the Smokies for a few days and then come home to rest . . . **W. M. Boatman** is camping at Cumberland State Park . . . **L. Richardson** went out to San Antonio and Houston, Tex.

TECHNICAL

Radiation Safety has received word that **Evelyn Lowery**, formerly of the department, has become mother of a son, named Charles Stephen and weighing six pounds, two ounces on arrival—so congratulations to Mom, Pop and Sonny . . . "Lucky" **B. F. Rutherford** won a heat pump (What, in this weather?) as a door prize at an open house held at the new Oak Ridge subdivision, West Ridge, recently.

Locking up his cares and woes for a week, **George Lockhart**, Special Projects, spent a week in North Carolina . . . **Ted Newman** is determined to become a water skiing champ. (Note to printer—please spell this with an "a", not an "i" and not an "o") and 'tis understood he does equally well on his tummy, other portions of his anatomy, even his feet at times—and has black and blue decorations to prove it . . . **Fred Jones** isn't ailing these days—that whitewashed and pale look he has is only a hangeron from painting his automobile white . . . Get well wishes go to **Helen Stone**, again hospitalized . . . In signing off, our scribe in this department, **Jeri Kobisk**, utters dire threats—says that if the color of the paper she uses is the cause of any more wise cracks, she will write up her news with black ink on black paper—now Jeri, don't get rambunctious.

It is time to depart, good friends, so fare thee well until next week—the Old CC is off for a cold one.

ORNL Man To Give Talk At Physics Seminar Friday

Harvey B. Willard, Oak Ridge National Laboratory Physics Division, will speak at the Physics Division Seminar on Friday afternoon of this week, August 28. His subject will be "The Status of Polarized Particle Physics in Europe." All Y-12ers interested in the subject are invited to attend. The seminar will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL.

