

Drownings In TVA's Lakes High In '61

Simple Precautions Can Stop Many Accidents

Water-logged Y-12ers may be interested in some facts recently released by the Tennessee Valley Authority. Last year, a total of 59 persons drowned in TVA lakes! May and June, 1961, were the highest months with 11 each.

Almost half of the drownings occurred in the morning, or from 6 a.m. until noon. Of the 59 victims, 55 were males, and only four were females.

Twelve of the victims were under 15 years of age; 35 were between 15 and 45; and 12 were over 45.

Less than half (28) of the 59 persons drowned were boating or fishing from boats at the time of their accident. Ten were wading or playing in the water, or fell in. Twelve were swimming when the accident occurred, with no boats involved. Four were bank fishing. Two were skiing. One was skin diving. Circumstances were unknown in two cases.

Thus far, nine persons have drowned in Tennessee waters. It is predicted that over 6500 persons will drown in the entire country during 1962. A few simple precautions could keep you off this list.

Follow Rules

Never swim alone . . . better still, only swim in patrolled areas where certified lifeguards are present. Don't dive into unknown waters. Don't horse around in the water. Most important of all, learn to swim properly. The American Red Cross Chapter will gladly furnish information on swimming instruction classes for beginners and all grades of life-savings courses.

Water is to be enjoyed with all the sports activities involved with it. It should never be used as an obituary writer.

'Superconductivity' Is Topic Of ORNL Seminar

"Superconductivity" is the announced theme of the Oak Ridge National Laboratory's Physics Division seminar this week. Conducting the seminar will be J. R. Cullen, summer visitor from the University of Maryland, College Park, Md.

The seminar will be held in the East Auditorium of ORNL's 4500 building at 3:15 p.m. Friday, July 6. All technical personnel interested are invited to attend.

HEAVY MISS LIBERTY

One of the most famous statues in the world is made of copper. The Statue of Liberty which beacons the "homeless, tempest-tossed" at the entrance of New York's harbor weighs 225 tons.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
109 Days Or 3,649,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through July 8
Phone 7755
For Daily Report On Accident-Free Hours

Oak Ridge National Laboratory's Reactor Division Sets Impressive Safety Record In Y-12 Without Disabling Injury In Entire History



THE REACTOR DIVISION'S Safety Committee meets to discuss working conditions peculiar to that particular group. From left are W. R. Osborn, H. G. MacPherson, division director; A. P. Fraas, Robert Helton, R. N. Lyon, S. E. Beall, and W. D. Ghormley. Not pictured is another committeeman, R. B. Clarke. The Oak Ridge National Laboratory Division is located in the Y-12 area.

Rockwood Rites Held For Smith

Funeral services were held Sunday, July 1 for Louis A. "Pat" Smith, at 2 p.m. at the Lamb-Coulter Funeral Home, Rockwood. Interment followed in Winton's Chapel Cemetery.

Mr. Smith was employed in Y-12's General Machine Shop and

died Friday, June 29 in Rockwood. He was born there, and was a veteran of the United States Navy. The former employee attended Tennessee Polytechnic Institute and the University of Tennessee.

Before coming to Y-12, he had been employed by the Tennessee Valley Authority, the Coca-Cola Company and J. A. Jones Construction Company.

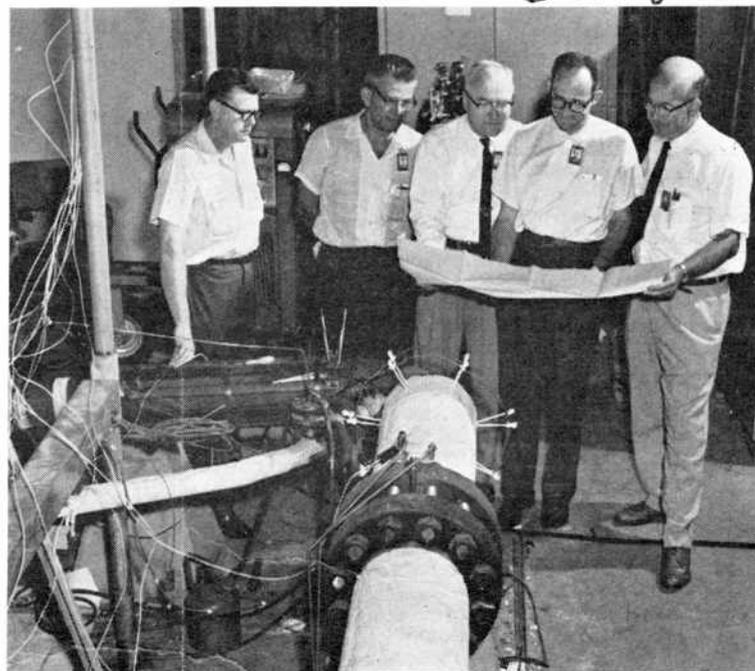
Surviving are his wife, Mrs. Ila Rae Long Smith; two children, Louis A. Smith Jr. and Nancy Frances Smith; brother, W. W. Smith; sister, Miss Frances Smith, all of Rockwood, and another brother, Jack F. Smith, San Antonio, Texas.

He was a member of the Methodist Church, the Masonic Lodge and the American Legion. He came to Y-12 March 11, 1954.

Fellow employees express their deepest sympathy to his survivors.

LIVING GIANTS

The largest living thing in the world is not a whale, but a tree—272 feet high, it takes 17 men to encircle its base. An African eucalyptus tree can grow 22 feet a year, while a Siberian spruce grows 11 inches every hundred years.



SAFETYMEN REGULARLY INSPECT facilities operated in Y-12 by ORNL's Reactor Division. From left are R. B. Clarke, J. F. Winesette, Robert Helton, Irving Spiewak, and E. G. Bohlman. Helton and Clark are on the division's safety committee. Although Winesette and Bohlmann are now in Reactor Chemistry, they were formerly associated with the group that has built such an impressive safety record.

Automatic Laundromats Can Dispense Death

A new hazard has entered this modern age of automation and vending machines. Most automatic laundries have dispensers for bleaching chlorine. For only a nickel the patron receives the necessary bleaching agent for use in automatic washing machines. Recently reports were received of children, thinking they were getting soft drinks for their 5c, drinking this toxic material. Thus, the laundromat has become another place in life to keep an eye on an active, energy-filled youngster.

Badge Exchange Deadline Is 11 P.M. Today . . .

New badges for the Summer Quarter will be picked up from the self-service racks at the portals today, July 11. No yellow-bordered badges will be honored after that. Employees holding last quarter's badges will have to go to the Badge and Pass Office, Building 9704-2 to exchange their identification pieces.

The quarterly exchange is made to acquire regular monitoring of the metered badges. The program is now two years old in Y-12.

An Oak Ridge National Laboratory division, located in Y-12, has added considerably to the plant's safety performance. The Reactor Division has had no chargeable lost-time accident in its entire history.

The division was formed in late 1960 from two former divisions, the Reactor Experimental Engineering Division, commonly known as REED, and the Reactor Projects Division. This latter group was an outgrowth of the former Aircraft Nuclear Propulsion (ANP) Division. These organizations, although part of the ORNL organization, have been located in Y-12 since their very beginning.

The Reactor Division is comprised of over 300 scientists, engineers and technical personnel and the clerical personnel necessary to support these groups. The main objective of the division is the design and construction of operating reactors.

Many Factors Involved

Safety factors faced by the Reactor Division are many-fold. High pressures, relatively high temperatures, corrosive acids, and other normal hazards met in a chemical or industrial plant are encountered by Reactor personnel daily.

Both the present ORNL division and its ancestral divisions have maintained the spotless safety record which, along with other ORNL divisions in the plant, are contributing agents to Y-12's safety history.

The enviable safety record established by the present Reactor Division has been built by individual effort from every member of the group.

Experiments Vary

Many experiments are conducted on several elevations in Buildings 9201-3, and 9204-1. Some of the experiments take place 50 or 60 feet above the floor level. Often because of the apparatus it is necessary to conduct experiments in extremely confined areas. To prevent injuries due to these cramped spaces and height, precautions are taken to insure the employee's personal safety.

The ANP Division was organized in August, 1950, and the REED Division came to Y-12 the following Spring. Both groups were concerned with reactor projects and dealt with the normal hazards of such operations. The chemicals and compounds, coupled with high temperatures, gave this division special hazards not confronted in many operations. During the research and development stages of the reactor program it was necessary to develop methods of fabrication techniques, welding methods and the proper mechanical components, so that the desired experimental information could be obtained.

Many Acids Used

During the course of the program it was found that the full chemical properties of all metals used in the system must be known. A great variety of acids was used in corrosion testing of the metals as possible material for reactor construction.

While the former REED Division was facing problems of high pressure at slightly elevated temperatures, personnel of the ANP Division were facing problems of low pressure at extremely high temperatures.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division of



UNION CARBIDE CORPORATION

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July 1 Rites For Glen Stones

Funeral services were held Sunday, July 1 for Glen Stones, formerly employed in the Y-12 Maintenance Division. He died Friday, June 29 at his home in Harriman. The rites were held at the New Ebenezer Zion Methodist Church, Harriman. Burial followed in the Harriman Cemetery.



Mr. Stones came to Y-12 August 19, 1944. He was born in New Castle, Alabama, November 3, 1914. He had previously worked with the Tennessee Valley Authority and Ford-Bacon and Davis. He is survived by his widow, Mrs. Sallie May Gordon Stone, and one child, Harriman; and a sister, Mrs. Mattie Stones Sludge, Athens, Alabama. Sincere sympathy is expressed to his family.

Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12 employees who will observe 15 and 10-year anniversaries with Carbide within the next few days.

- 15 YEARS**
Conrad R. Roberts, Graphite Shop, July 14.
- 10 YEARS**
Willie L. Jones, A-2 Shop, Mechanical Operations, July 11.
Paul E. Clifton, Process Maintenance, July 14.
Aaron E. Bittner, Project Engineering, July 14.
Robert W. Jackson, Electrical Engineering, July 14.
Frank D. Jeffreys, Beta Two, July 15.
Troy N. Burklow Jr., General Mechanical Engineering, July 16.
Ben A. Easter, General Machine Shop, July 17.
Clyde W. Shook, Research Services, July 17.

One Of 20 Employees Are Now Specialists

Nearly one person in every 20 employed by American industry is a scientist, engineer or technician, according to a study conducted by the U. S. Bureau of Labor Statistics for the National Science Foundation. Of the 30 million persons on the payroll of the companies surveyed by the bureau, more than 800,000 were scientists and engineers and just under 600,000 were technicians. Over a third of the science-engineering group — 37 per cent to be exact — were found to be engaged in research and development. Others were employed in production and operations, management and administration, and other activities.

Share classified material only with authorized co-workers.



The public opinion survey craze often is evident in America's main stream of life. We like the recent one on why women buy. The answers were: 1. Because her husband says she can't have it; 2. Because it is on sale; 3. Because she can't afford it; 4. Because nobody has one; 5. Because everybody has one; 6. Because . . .

Because there's lots of news this week, let's start in

CHEMICAL OPERATIONS

Vacationing to visit his son in service stationed at Biloxi, Miss. is E. S. Jackson. Part of his two weeks stint will be spent at home in Knox County just resting . . . C. P. McDaniel is on vacation next week . . . her daughter is visiting at home from Oklahoma City. Will spend part of the time in Chattanooga.

They say an ant can pull ten times its own weight. After the Fourth of July picnics, this fact is easy to believe.

FINANCE AND MATERIALS

The Mail Room has S. P. Eubanks visiting his son who is stationed with the Army in Amarillo, Texas.

The Plant Records Department enjoyed a surprise birthday dinner at the home of Evelyn Rouse, Concord, on July 3, given in honor of Emma Puckett.

Microreproduction and Engineering Services has Wayne Silver on vacation, honeymooning in Daytona Beach, Fla. Wayne was married last Friday night to Jessie Ricketts of Knoxville.

F&M Administration has Bobbie Hill vacationing this week in Virginia and Kentucky.

The Reproduction Department reproduces news that J. G. McArthur is vacationing in Middle Tennessee.

Material Control reports that Buck Davis and his family are vacationing in Winter Haven, Fla.

MAINTENANCE

The Janitors Department had Katie Cole on a recent vacation, visiting friends in Cincinnati and Columbus, Ohio.

The size of one's foot has very little to do with the ability to get it into one's mouth.

SHIFT SUPERINTENDENTS AND UTILITIES

Reports of vacationers have E. Clowers camping and painting . . . J. B. Peters took off to parts unknown . . . T. N. Barnes is relaxing at home while on vacation . . . D. H. Rader took in the swim meet at Murfreesboro on Friday and Saturday. It was a State Meet in which his boys Danny and Pat participated.

ENGINEERING

Tool Engineering flashes in that Wimpy Hilton is a grandfather again . . . his daughter Nancy presented little Jeffery Hilton Hayes to the world on June 25, Knoxville . . . Bill Rogers and his wife enjoyed a recent stay at the Holiday Inn, Kingsport . . . E. J. Asbury is vacationing at home patiently awaiting the arrival of the stork . . . Welcome in to newcomer Theodore J. Sizoo, formerly a resident of Holland . . . Paul Febbo is certainly proud these days. His sister-in-law Carlene Patty was among the finalists in the Miss Oak Ridge pageant. Carlene is the daughter of Mr. and Mrs. Harold Ratjen. Harold is a retired Y-12er, popular amongst everyone who knew him.

It's understood that Bert Robbins got married on his vacation . . . and is honeymooning in parts unknown . . . more on this later . . . Jack West vacationed around Clinton, seeing all the sights . . . Kenny Pluhar recently attended a wedding (not his own) in New Jersey . . .

Nora Hurst vacationed recently in Gatlinburg and around . . . Vic Allen took off to Ormond Beach, Fla.

Project Engineering's Betty Thompson and Ernie Watkins, Beta Four, were honeymooning last week at Jekyll Island, Georgia after their recent marriage. Much happiness is wished the two.

Ken Cook's son, David, is sent get well wishes. He suffered a head injury swimming over the Fourth holidays.

Get well wishes to Helen Ledford, who is ailing . . . also to H. F. Akin. It's hoped they'll both be back soon, hale and hearty . . . Belated sympathy is sent to Clarice Cagle in the recent death of her father.

Ed Long vacationed during the week of the Fourth to see the sights in the nation's capitol.

Gals might do a lot better if they spent as much time mending socks as they do trying to mend men's ways.

TECHNICAL

The Beta Four Special Projects group has Ed Fleischman, his Mrs. and chil'ens piling into the family buggy (that pants everytime it passes a gas station) and making a 900 plus mile trek to Long Island to visit all the relatives . . . Deepest sympathy is extended to Jim Dodson upon the death of his grandfather . . . Margaret Williams and Ella Stansell (Production Planning) took off with some small fry for a fish fry at Myrtle Beach for the Independence holiday-vacation spread.

Sam Rea claims he's going to do nothing but absolutely nothing while on his vacation except possibly take a trip over to Asheville to visit in-laws . . . In complete contrast, the prolonged rat-at-tatting issuing from the east end of Oak Ridge isn't caused by a pileated woodpecker, but George McGown putting siding on his house.

Statistical Services is welcoming in Ron Ragland, recent transfer into the department.

Now that everyone's had a Sane Fourth, let's worry about the 364 other days in the year!

MECHANICAL OPERATIONS

Production Control comes along with a vertible volumn (after a misplaced column of news recently) to report that Goodbyes were said recently to Emily Helton who terminated June 8, to Jim Crone, who left May 31, and to Bob Harris, who terminated June 22. Emily is awaiting the stork at her home in Karns. Her charm and beauty are missed by all. She was presented with a bathinette at a party in Building 9212 at which coffee and cake were enjoyed by all her friends. Mr. Stoner says he is going to demonstrate the bathinette for her.

Jim Crone terminated to accept employment with Boeing Aircraft in New Orleans and has been training in Huntsville, Ala. Jim was treated to dinner at the C'est Bon and to several articles of clothing to dazzle those New Orleans gals with. Jim and Bonnie are missed by all around the Oak Ridge area. Mike Shemanski has purchased the Crone home in Emory Valley.

Bob Harris is now residing in New Orleans after a short stay in Huntsville. Bob was also treated to several parties before leaving and a set of luggage was given him for his travels.

A happy note for PC folks is that Jerry Houser returned to the States after having spent 10 months in Germany. He expects to be discharged August 15 and



WORLD WAR II MASTER-SPY Eric Erickson, right, shows actor William Holden, his movie counterpart, the exact spot in Berlin's famed Moabit Prison where he was forced to watch the execution of a German associate. Erickson's dramatic story is told in the film, "The Counterfeit Traitor."

Master-Spy Erickson Kept Nazi Bombs From Falling On American Coast Area

Boston, New York, Philadelphia, Baltimore
And Washington Were Targets For V-Rockets

(EDITOR'S NOTE: The following story is of great interest to security-conscious Y-12ers. If spying was easy in Nazi Germany in the thirties and forties, think how easy it could be in a free society, such as ours. It is hoped the Erickson story will hit home, and, even though he was on our side, his work will be a challenge to us for an even greater consciousness of the protection of our nation's interest.)

Just how close did the United States come to getting bombed during the past war? Actually, in mid-April, 1945, six German submarines, armed with deadly V-rockets, crawled westward across the Atlantic toward the USA.

In a final, desperate attempt at revenge, Hitler had ordered attacks upon five eastern cities — Boston, New York, Philadelphia, Washington, D. C., and Baltimore.

But the rockets never fell on American soil. The U. S. Navy intercepted and destroyed the flotilla . . . thanks to an alert from an Allied spy operating in Europe.

That spy was Eric "Red" Erickson.

Brooklyn Born

Born 73 years ago in Brooklyn, of Swedish immigrant parents, Red Erickson served as an officer in the U. S. Army during World War I. After the war, he became the Swedish representative for an oil company and settled in Sweden.

In the early thirties, Erickson helped many high-ranking Nazis arrange for imports of Mexican petroleum . . . badly needed by Hitler. He didn't know it at the time, but he was sowing seeds for his adventure-filled future career . . . that of World War II's most outstanding Allied spy!

Ostracized By Family

By the time war broke out in Europe, Erickson owned his own oil company, but was blacklisted by the British and ostracized by all Allied sympathizers because of his friendly dealings with the Nazis. Even members of his own family in America wrote pleading and later scornful letters, asking him to stop collaboration.

Yet all the while, Erickson had been delivering reports on the Nazi oil industry to Allied officers at OSS headquarters! He knew that if the Allies could destroy enough Nazi oil refineries, Germany's industry, as well as its air force, rockets and rolling stock, would be crippled.

While working secretly with many Allied sympathizers in Germany, Erickson met and fell in love with a girl of nobility who hated Hitler and his excesses.

Friend Did Not Talk

The girl, Marianne, was caught by the Gestapo and executed at the Moabit Prison in Berlin, as Erickson was forced to look on from behind the bars of a cell window. "The Gestapo never learned a thing from her," Red proudly beams today.

After Marianne's death, the spy pulled off one of the greatest "coups" of his career. Realizing

that there was plenty of Nazi capital available for investment in neutral countries, he proposed the building of a giant synthetic oil refinery in Sweden, to be financed by Germans and Swedes.

Traveling to Berlin with an elaborate but fake prospectus, he managed to interest none other than Gestapo chief Heinrich Himmler and to extract from him a pass enabling him to tour Germany's refineries.

Pin Pointed Refineries

Thus he was able to pinpoint the sites of refineries (including those moved underground) for Allied bombings.

The world was told of Erickson's heroic actions by Herschel Johnson, U. S. Minister to Sweden in 1945. It was after this that he was happily reunited with family and friends who once called him traitor!

Life Is Filmed

Erickson's life is portrayed on the screen by actor William Holden, and Marianne's role is assumed by Lilli Palmer. The exciting technicolor film is set for early local showings.

The citizens of Baltimore, Washington, Philadelphia, New York and Boston, as well as all Americans, owe Eric Erickson a debt they can never repay.



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

Archie R. Palmer, Area Five Maintenance; Robert W. Jenkins, Beta Four Assembly and Forming; Ellis T. O'Rourke, Research Services; Joe C. Gibbs, Special Mechanical Production; Joseph D. Collins, A-2 Shop, Mechanical Operations; Ernest G. Vann, General Machine Shop; Tom D. Foust, Beta Four Assembly and Forming; James C. Parker, Product Processing; Dudley L. Hall, General Machine Shop; Royce L. Vanderpool, Research Services; Robert H. Bacon, Area Five Maintenance.

Continued on Page 4

E Wingers Lose For First Time

Spotless Record Is Marred By Shifters

Rains slowed play again last week in the Slo Pitch League for Carbiders, as only three games were played Monday, July 2.

Y-12's E Wingers lost their first game of league play as they fell before the wrath of the Shifters, also from Y-12 by the close margin of 8 to 9. Hits were equally shared at 11 each. It was the big stick wielded by the brothers Grubb that spelled the difference . . . Jim had a homer; Bill had two of them. This loss brought the Wingers into a tie for first place with Oak Ridge Gaseous Diffusion Plant's Kentucky Wonders. Each team has won seven and lost one.

Line scores	R	H	E
Shifters	9	11	2
E Wingers	8	11	3

Batteries: Shifters: Collins and Habermas. E Wingers: Thompson and Pack.

The Shifters extended their perfect night on the diamonds by clipping the Y-12 Tabs 7 to 5. Jim Grubb again produced a four-bagger, while Chapman, Ridings, and Thompson doubled for the winning team. For the losers it was Ryder, Wyatt and Scott with double-baggers. The Tabs suffered no errors, while the Shifters had three mishaps at play.

Line scores	R	H	E
Shifters	7	15	3
Tabs	5	11	0

Batteries: Shifters: Thompson and Rutherford and Pack. Tabs: Ryder and Jones.

Y-12's Eagles edged by the ORGDP Fly Swatters 15 to 14 in a close one. Both teams scored 17 hits. For the winning Eagles it was Evans and Pridgeon with home-runs and Richards with a double. For the losing Swatters it was Cates with a four-bagger, Maddix with two triples, Slattery and Carter with one each. Slattery also had two doubles and Love tallied one.

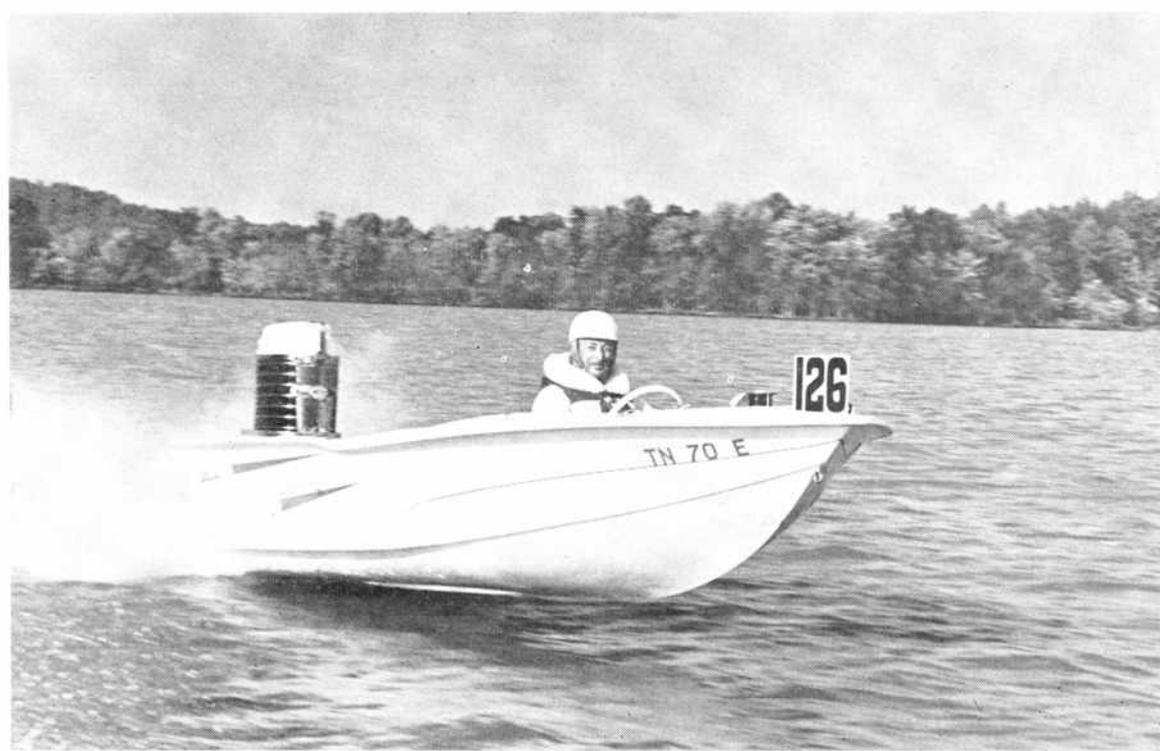
Line scores	R	H	E
Eagles	15	17	4
Fly Swatters	14	17	4

Batteries: Eagles: Blanks and Hulsey. Fly Swatters: Box and Love.

Two games were left to be played in the first half of league play . . . as the E Wingers must play the Codgers; the Shifters are set to tangle with the Kentucky Wonders. These games were probably played earlier this week.

If the Wonders from ORGDP and Y-12's E Wingers come up with eight wins, and only one loss, a play-off must be played to determine the winner of the first half. Second half games were also set to begin this week.

Our grandmothers told us that the worst things never happened. Gad, they must have been hum-dingers . . . the things, not grandmothers.



SEEN IN HIS HANDSOME speedboat is Harley H. Buckner, Y-12's Electrical Department. Buckner recently set a new national record of 46.296 mph for pleasure boats. He also came close to breaking his own newly-established record last week in the Fourth of July races held at Kingston.

Putt-Putters Harte-Porter In 2nd Place

Steve Porter and Bob Harte edged into second place in the Y-12 Putt Putt League by virtue of their win over Cantrell-Young last week in a 'hurry-up-the-schedule' holiday week of play. Porter scored a magic hole-in-one on number nine. They tallied a total of 10 strokes over the cellar-dwelling Cantrell-Young pair.

More matches were scheduled for this week, and finals in the first half will be set next week.

League standings follow:

Team	W	L
Akers-Sinclair	3	0
Porter-Harte	3	1
Hines-Pearson	2	1
Cusman-Gilliland	2	1
Isham-Boswell	0	3
Cantrell-Young	0	4

Flags With Capitol History Are Available

Flag Day (June 14) has, of course, come and gone. Some civic organizations or fraternities looking for something worthwhile to do might consider obtaining a flag for their community that has flown over the United States Capitol. These flags can be obtained from the Congressman from this district for about \$3. It could give Old Glory a bit of added prestige and sentiment, badly needed these days.

Be a "security" patriot.

New National Pleasure Boat Speed Record Set By Buckner, In Electrical

Speed Of 46.296 Mph Set July 1 Is Nation's Highest; Electrician Is Speed Boat Enthusiast

A new national record on the water has been set by Harley H. Buckner, Y-12's Electrical Department. In the National Outboard Association-sanctioned race in Knoxville July 1 Buckner's record was 46.296 mph. The previous pleasure boat unlimited mark for a closed course was 44.978 held by Jim Penton, Denton, Texas.

Winning is not a new experience for Buckner and his Norriscraft and Mercury 800. Out of 11 races (nine closed courses and two marathons) he holds a record of five first place wins, four second place, one third place, and one fourth place. He also won a trophy for the best looking rig in 1961, and held third place in the nation for overall high points for the 70-80 class in 1961.

In setting the new national record July 1, Buckner placed in three out of five events, and now has added three more trophies to his collection.

Appearing in the combined professional and amateur races held July 4 at Kingston on Watts Bar Lake, Buckner also won there, lacking a few seconds of breaking his own record of three days prior to that.

The previous high record set in Texas was scored on May 14, 1961.

This past week-end Electrical's boating enthusiast hoped to compete in the NOA races near Chattanooga.

Buckner has been interested in boating a long time, and has been racing for the past three or four years. He says there's nothing like it, absolutely nothing.

Boat Cruise Planned By Shift Communications

Cruising down the river . . . on a summer afternoon! That's the present plan for the combined H & J and E, F and G Shift crowd. A boat cruise is all set for Saturday, July 21. More details may be had by calling C. R. Ferguson, extension 7573, Herman R. Butler, 7135 or Bill Lanter, 7-8086.

Details of the cruise will follow in next week's Bulletin.

'CLASSLESS' SOCIETY

Contrary to propaganda, class structure in Communist societies today is far more rigid today than it was under the czars. Soviet classes in descending order of power and privilege, are: state officials, party members, MVD or secret police, army officers, skilled city workers, rural workers, peasants and slave labor.

Ace Collins Has A No-Hitter Game

Ernie Collins, Z Area Assembly, set the fields on fire down in Chattanooga in the Fast Pitch play. Ernie is an ace for the Oak Ridge team, and pitched a no-hitter Thursday, July 5, against Rockwood. The Oak Ridgers blanked Rockwood 9-0.

Collins allowed only one base runner, a walk in the fifth inning. His teammates gave him a five-run lead in the same inning that the walker got on base for Rockwood. Bobbie Hopkins, J. D. Cheek and Collins himself got on base with hits to help the cause of the hometown. One of Hopkins' hits was a good triple.

The win kept Oak Ridge's hopes up in the invitational softball tournament being played in Chattanooga.

Rockwood Rotary Club Plans Horse Show

The Rockwood Rotary Club is holding its first Horse Show, Friday, July 27. Scheduled to begin at 7 p.m. the show will take place at the Civitan Field, Rockwood. It is being held under the rules and regulations of the East Tennessee Horse Show Association. Entries have already been received from Georgia, Alabama, Kentucky and Tennessee.

Officials estimate that between 125 and 150 horses will compete in the show. Four prizes will be given in each of the 18 classifications. Tickets may be purchased from Rotarians and will also be available at the gate. They are \$1 for adults and 50c for children.

BARE FACTS

Only one man in five can expect to keep his hair all his life. Lack of vitamins, hereditary, and illness are believed to be the most common factors concerning baldness. Science has yet to explain why more men than women are bald.

Shhhh . . . the enemy's ears are always open.

Niota Is Scene Of July Contest

Golfers Will Meet In 4th Tournament

The Fourth Y-12 Golf Tournament of the year will be held Saturday, July 28. Greens selected for this tournament is the Springbrook Country Club, Niota, Tenn. Tee-offs will be taken from 6:30 a.m. on.

Golfers wishing to register for times should appear in person at the Recreation Office Tuesday, July 24 at 7:30 a.m. Times will be given out until 8 a.m.

Niota is below Sweetwater after passing through Lenoir City and Loudon. The course is new to Y-12ers, since this is the first tournament held there.

Green fee is announced as \$3. Only one man from a foursome is required to register for tee-times. That's the Recreation Office, Tuesday, July 24.

Pitt, Case Are Skeet Scratch First Firers

The July 1st shootings in the All Carbide Summer Skeet League saw Don Pitt take scratch honors, tying with Jack Case, each firing 23/25. Another Y-12er, Charlie Asmanes took handicap tops with a 294.942/300 score.

The next shoot will be this Sunday, July 15, beginning promptly at 1 p.m. The July 1 firing saw three of the eight shoots in the current league completed.

Bill Sahr and Jack Case still lead in handicap standings with 868.669 and 867.348 respectively. Don Pitt is leading in scratch standings with a 68.

Scratch standings follow:

Don Pitt, Y-12	68
K. W. Bahler, ORGDP	67
Jack Case, Y-12	66
F. S. Patton, Y-12	63
R. H. McNabb, Y-12	62
Fred Welfare, Y-12	62
Bill Davy, ORGDP	60
Bill Sahr, Y-12	57
B. L. Powers, Y-12	56
Jack Steward, Y-12	55
Charlie Asmanes, Y-12	54
J. P. Murray, UCNC	51
E. E. Kennedy, Y-12	48
J. M. Patterson, Y-12	47
*W. E. Brundage, ORNL	38
*M. C. Wiest, Y-12	36
*J. A. Swartout, ORNL	33
*Avis Collins, Y-12	20
*Newt Hamby, Y-12	10
*J. F. Mannenschmidt, ORNL	5

Handicap standings follow:

Bill Sahr, Y-12	868.669
Jack Case, Y-12	867.348
R. H. McNabb, Y-12	856.384
Don Pitt, Y-12	863.348
J. P. Murray, UCNC	858.889
Charlie Asmanes, Y-12	856.746
F. S. Patton, Y-12	855.626
Fred Welfare, Y-12	851.464
Jack Steward, Y-12	851.333
B. L. Powers, Y-12	848.162
W. H. Davy, ORGDP	848.005
E. E. Kennedy, Y-12	841.561
K. W. Bahler, ORGDP	837.758
J. M. Patterson, Y-12	833.601
*M. C. Wiest, Y-12	575.132
*J. A. Swartout, ORNL	573.748
*W. E. Brundage, ORNL	554.452
*Avis Collins, Y-12	287.676
*J. F. Mannenschmidt, ORNL	281.736
*Newt Hamby, Y-12	281.010

*Incomplete scores.



JERRY EVANS, center, of Y-12's Guard Department, brought back this photograph from his recent Florida vacation. Those red snappers hanging behind the fishermen's back make mighty good eatin', Jerry says.



L. L. SPEAR brandishes this tremendous largemouth bass he pulled from the waters at Dale Hollow last month. He trapped the big one on a small bomber lure. Spear, in Y-12's General Machine Shop, was certain this one got entered in the quarterly and annual rodeo for Y-12 anglers.

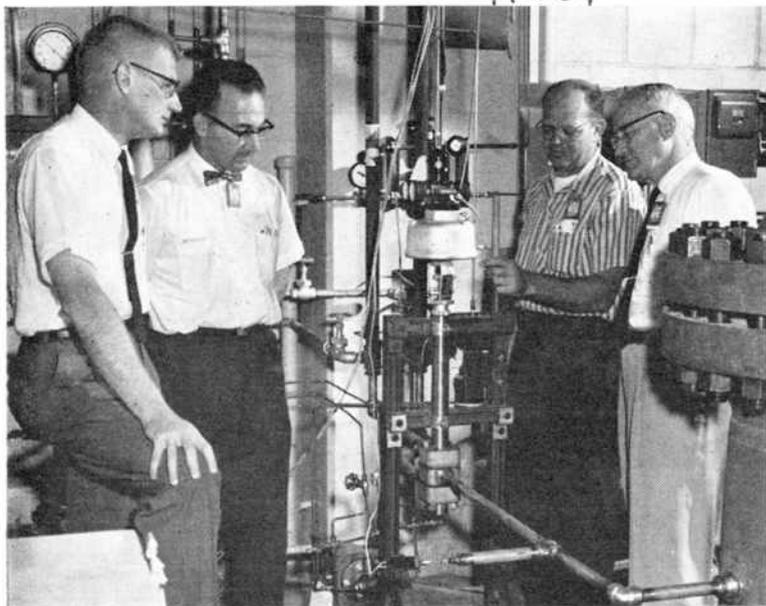
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ORNL Reactor Division

6-11081



EQUIPMENT MUST BE KEPT in top performing condition by ORNL's Reactor Division men. Here the apparatus is checked by R. E. MacPherson, F. H. Neill, D. L. Clark and safety committeeman Robert Helton. The ORNL division has operated during its entire existence in the Y-12 Plant without a disabling injury.

Continued from Page 1
 temperatures, some running as high as 2000° F.

During these experiments research was going on in liquid metals, and a parallel program utilizing molten salts. No serious thermal burns were sustained during the entire course of the work.

Record Still Stands

Today, the Reactor Division is engaged in the same type work as in the past. High pressure, liquid metals, acids, molten salts, radiation, and routine hazards still confront personnel who conceive, design and operate the experiments. The no lost-time accident record still stands.

This is even more significant when one considers the close working relationship that exists between the Y-12 maintenance groups and this ORNL division. It is evident that this record has only been established through

the concentrated effort of all personnel within the division.

Through June 30 of this year, the Division has moved past the 5,728,000 man-hour mark. Considering the relatively small number of personnel involved in the ORNL group, the record stands among the highest of any group in the plant.

MacPherson Is Director

The Reactor Division is under the direction of H. G. MacPherson, who is also Associate Director of ORNL, in charge of reactor programs. R. Helton is the Safety Coordinator for the division, and Y-12's Safety Department Engineer E. L. Bentley provides continuous assistance and advice.

Since ORNL work done in Y-12 is included in the overall picture of plant safety, it is gratifying to Y-12ers to know that employees working here from another part of the organization are concerned with the individual safety of all.



Three riders wanted from Rambling Acres, West Haven section, to East or North Portal, straight day. E. E. Hickman, plant phone 7798, home phone Knoxville 525-9832.

Ride wanted or will join car pool from Fountain Park Boulevard, North Hills, Knoxville, to West or Central Portal, J Shift. C. M. Cottrell, plant phone 7701, home phone Knoxville 523-6093.

Riders wanted from Loudon to any portal, straight day. C. F. Huskey, plant phone 7950.

Car pool members wanted from vicinity of Washington Pike, Whittle Springs Rd., Lincoln Park section, to any portal, straight day. Jim George, plant phone 7-8204, home phone Knoxville 525-5848.

Riders wanted from Sevierville, Knoxville (via Western Avenue)

UN Study Group To Hear Myer On Disarmament

The United Nations Study Group will hold its July meeting tomorrow, Thursday, July 12, at 8 p.m. in the School Administration Building.

Discussing disarmament will be Axel Myer of Oak Ridge National Laboratory's Chemical Technology Division. The group is interested in promoting the United Nations, and the general public is invited to attend.

to North, West or East Portal, straight day. H. H. Reno, call Sevierville 453-3775 collect.



HOSTING THE COFFEE AND CAKE honors for the retiring Captain is this group of Y-12ers, in the photo at left. From left are Lts. Ralph E. Reynolds, and Doyle B. Williams, Carl Frazier Sr., Arnold Tiller, Capt. and Mrs. D. C. Shults. In the photo at right Chief W. O. Elam presents Capt. Shults with an engraved watch with his company service date on it. "It's as pretty a watch as I ever saw," Shults said, "I wouldn't take the world for it."

6-11086



Continued From Page 2
 return to work after a vacation in Florida.

Ray Sanders is missed around 9212 since he transferred to 9204-4. Clyde "Big Daddy" Hopkins is also missed since he is on loan to the Ad Building . . . Welcome to W. C. Shelton Sr. and W. E. Sorrell who transferred from Elza Gate . . . to Elinor Charpie who transferred over from Z Area . . . to Judy Tiller who transferred from Elza Gate . . . to Elinor Charpie who transferred over from Z Area . . . to Judy Tiller who transferred from another department recently (also best wishes to hubby Ray who broke his ankle playing ball.) . . . T. E. Todd, transferring in from the Paducah plant . . . to Cleon Hartman back after his stint in Wage Standards.

Congratulations to Dick and Laura Holbrook on the birth of a daughter, Laura Kate, July 1.

Vacationing all over the map is the word . . . Ray and Jo Sanders motored to New Orleans and visited historical places in Mississippi . . . Mike Shemanski spent his time moving from Hall's to Oak Ridge . . . D. C. Morrison spent his working on his home in Kingston . . . Clyde Hopkins and family motored to Albuquerque for Clyde to do some work and Ada and Cindy to play in the sun. Enroute home they visited relatives in Memphis.

Jerry Dunn and family spent a week visiting relatives in Pennsylvania . . . Jeff Bostock sent his wife off for a week with her folks in New Jersey and then went back to get her, and they spent another week in Washington, D. C. . . . Carolyn Sharpe spent a long weekend recently visiting friends in Shelyville . . . David Owens and spouse are soaking up the sun in Florida.

Doris Sartelle and family camped out on Watauga Lake . . . Jack Thompson spent a week at Blowing Rock, N. C., golfing, etc. . . . Mary Ellen Boyd took a few days off to move . . . The Tommy Webbers are vacationing in Cheyenne, Wyoming . . . A bunch from the Production Planning Group visited the facilities recently at Tullahoma with the ASTM.

Vacationing around home was Ronnie Taylor . . . Charlie Myers spent his week enjoying the new swimming pool which he built at his home in Oak Ridge . . . Jim Cole vacationed at home in the Ridge . . . Martin Gardner vacationed in Florida recently . . . Jack Gamble at home . . . Avis Collins spent two weeks at Clearwater, Fla., with his family . . . Toney Gable spent one week at home with company and one week in Indiana, being company! . . . Eddie Maeyens and family spent a week in New York recently . . . Jim Newsome spent a week in Florida and was with his daughter when she had surgery on her throat. Best wishes to her.
 Pretty Gail Duggan, subbing



INSPECTING THE ENGRAVED WATCH his fellow workers presented him with is Capt. D. C. Shults, third from left. From left are George Flack, superintendent of Industrial Relations, Chief W. O. Elam, Fire and Guard Department; Shults; and K. R. Merrill, Plant Protection Superintendent.

6-11087



INDUSTRIAL RELATIONS SUPERINTENDENT George Flack presents Capt. D. C. Shults with his first retirement check. Shults left Y-12 June 29 with 18 years, 11 months company service.

down in the General Machine Shop, comes up with loads from down thataway . . . R. L. Gouldy, J. L. Cadle and J. N. Nagotte all vacationed in parts unknown . . . J. C. Daniels took off for Florida . . . H. T. Pless chose a site near Cape Canaveral . . . Howard H. Pratt took a week to visit friends in Cincinnati and another week to mind the little lady . . . Jo B. McConnell visited relatives in St. Louis.

W. E. Chadwick took a three-weeker to take things easy . . . K. S. Murphy stayed at home . . . H. F. Dick had intended to camp out, but got sick . . . F. D. Williams took a two weeks vacation to nowhere . . . Also vacating nobody knew where were John C. Cooley, D. R. Murphy (with four full weeks!), A. W. McGinnis and Jay Johnson.

You'uns come!
 Guard Y-12's secrets.

Around Home Watch Those Oily Rags!

It's a good idea to never leave a rag soaked in linseed oil or paint around your home or garage. Due to spontaneous ignition, such a rag can burst into flame. Practice fire safety, protect your home by burning outdoors, rags or waste of this kind after use. Never store oil soaked rags except in a tightly covered metal container.

'Lip service' aids enemy agents.

