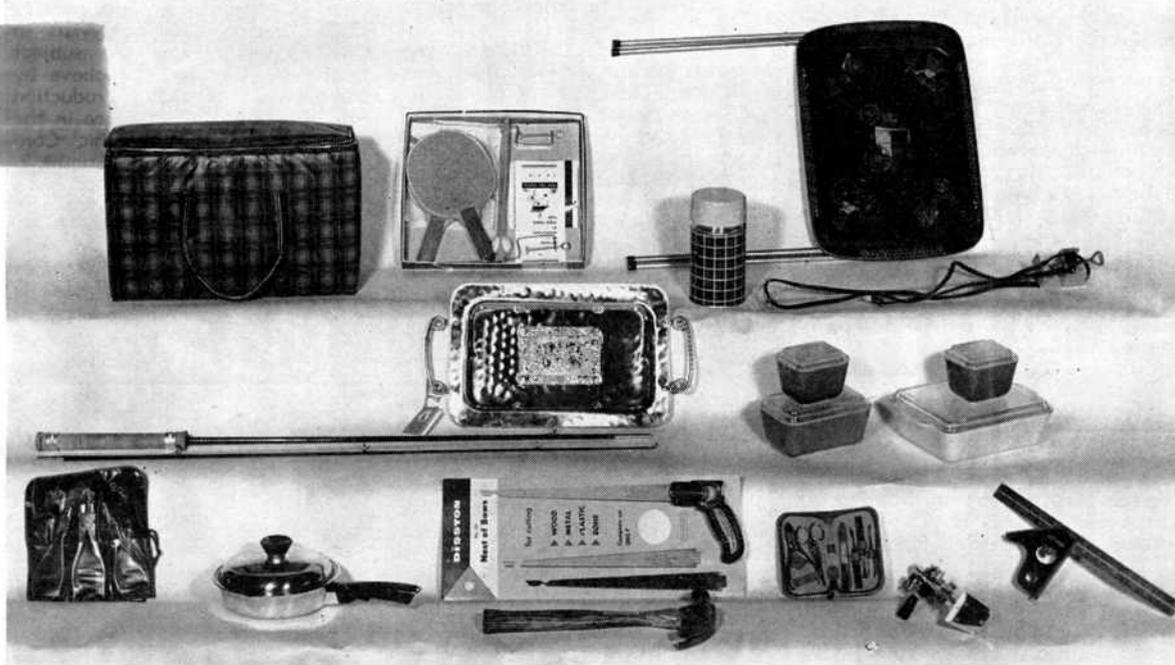


## 21st UCC SAFETY PERIOD SET IN PLANT

\* \* \* 6-8799 \* \* \*



**INDIVIDUAL SAFETY AWARD ARTICLES** for eligible Union Carbide Nuclear Company employees helping to establish the 20th Union Carbide Safety Period in the Y-12 Plant are pictured above. Top row from left are insulated food and drink bag, table tennis set, wide-mouth one pint Thermos bottle, TV folding tray and Proctor Cordminder ironing board attachment. In the middle row are a spinning rod, aluminum serving tray and a four-piece Pyrex refrigerator set. In the bottom row are a three-piece plier set, seven-inch aluminum frying pan, nest of saws to cut wood, metal, plastic or bone, six-piece manicure set, wall type can opener and a combination square, 12-inch rule and level.

### Visitor Control Program In Y-12 Plant Protects National Defense Information

**Every Employee Has Part In Responsibility To Challenge Presence Of Unauthorized Persons**

An effective visitor control program in the Y-12 Plant and others operating as contractors for the Atomic Energy Commission is a vital part in the overall AEC security procedures aimed at protecting the classified information pertaining to the atomic energy field and defense of the country. In this visitor control program the responsibility

### Travelogue Film Set For Camera Club Meet

**Slide Contest Slated For Session On Tuesday**

An European travelogue film in color will be presented by J. S. Drury at the next meeting of the Carbide Camera Club at 7:30 o'clock next Tuesday night, August 13. The club is resuming meetings after observing a July vacation. The meeting will be in the club headquarters in the Y-12 East Portal building.

Drury has just returned from a six-week tour of Europe with more than 30 rolls of color film of interesting places.

The contest for the August meeting will be for color slides on "open" subjects. Entries should be left with Don Cline, 176 California Ave.; C. F. Lovejay, 113 Underwood; or B. L. Geldmeier, 207 Outer Drive; before 6 o'clock Friday night, August 9.

Another feature of the meeting next Tuesday will be the auction of some club equipment that has become surplus to the needs of the organization.

### CLERICAL WORK POPULAR

More than 19,000,000 employees in the nation, outside of the agricultural field, are women. Of this number 32 per cent are in clerical work.

### SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
53 Days Or  
1,587,395 Man-Hours  
(Unofficial Estimate)  
Without A Disabling Injury  
Through August 4  
Phone 7755  
For Daily Report  
On Accident-Free Hours

### Friday Deadline To Pickup Individual Safety Awards

All Union Carbide Nuclear Company employees who have not picked up their individual safety awards for the 18th and 19th UCC Safety Periods are requested to obtain them not later than Friday of this week, August 9, the deadline set for distribution of the articles. This does not apply to the window cleaners, the supply of which ran short in the original distribution.

### PAY CHECKS AVAILABLE THURSDAY FOR Y-12ERS

For the convenience of weekly paid Y-12 employees on the hourly and weekly salaried rolls, pay checks will be available at the regular pay points on Thursday afternoons. The pay checks may be picked up on entering the plant by employees on shifts beginning work in the afternoon and on leaving the plant by shift workers concluding their work in the afternoon. Straight day employees may pick up their checks on leaving the plant.

### Individual Awards For 20th Period Offer 15 Items From Which To Pick

**Latest String Of Accident-Free Days Reached Last Thursday—Let's Keep The Record Unbroken**

The green light of safety is still flashing at the Y-12 Portals. Safety-minded employees of Union Carbide Nuclear Company have established the 21st Union Carbide Corporation Safety Period in the Y-12 Plant Area as of last Thursday midnight, when the 1,500,000 man-hour mark of plant operations without a disabling injury was passed. The string of accident-free days began on June 13.

Of course, the record still is unofficial — pending the 20-day waiting period to determine if any disabling injuries turn up that happened during the period.

#### Items To Be Displayed

Meanwhile, the Safety Department has obtained samples of articles to be offered as individual safety awards for UCNC employees helping to establish the 20th UCC Safety Period in the plant. A list of 15 items will be available from which to choose. They are shown in the photograph at the left. The awards will be on display at the Cafeteria and on a rotating basis at the various portals for the next several days.

Safety award selection cards will be distributed this week to division headquarters, along with lists of employees eligible to receive them.

The 20th UCC Safety Period in the Y-12 Plant Area ran from March 13 through May 27, when a total of 2,342,579 hours of plant operations were performed with no lost time accidents.

#### Only Five Injuries So Far

With only five disabling injuries listed in the Y-12 Plant Area so far this year and the UCNC safety record being the best in several years, Y-12 safety authorities are hopeful that the accident-free period now underway can be continued indefinitely. The improved mark is attributed to closer attention by all employees to the principles of safe working habits and conditions.

The Y-12 Plant has received many awards in the past for its fine safety record and individual safety awards will have been presented on 20 occasions when the items to be given for the 20th UCC Safety Period are distributed.

However, as has been pointed out time and time again in The Bulletin and at divisional, departmental and shift safety meetings, the true value of a safety record lies not in the plant and individual awards but in the continued good health of every employee and the freedom from pain, worry and cost involved in every disabling injury.

#### Individual Awards Incentive

Of course, those individual awards are an incentive to continued safe working habits — and all Y-12 UCNC employees are reminded that the longer the safety period the more valuable are the awards. For instance, for UCC Safety Periods up to 3,000,000 hours of accident-free plant operations, the value of the award is \$2. If the 3,000,000-hour mark is exceeded, the value of the award goes up to \$5. If 5,000,000 hours of safe operation is reached—the goal of every Union Carbide Corporation plant — the awards will be worth \$10 each.

So let's keep up the present fine record — make it 5,000,000 or even 10,000,000.

### Bear Creek Road Rider Pickup To Be Banned

**AEC Ruling Eliminates Unsafe Traffic Practice**

To eliminate an extremely hazardous traffic condition on Bear Creek Road at the North Portal, the Atomic Energy Commission Patrol will ban picking up of passengers by East bound motorists on the South side of the highway during afternoon hours beginning tomorrow, Thursday, August 8. The ruling will not affect riders entering West bound cars on the North side of the road.

#### Turnout To Be Closed

Failure of many East bound motorists to enter the turnout intended for picking up riders, causing traffic congestion; and passing of these cars on the inside lane by drivers impatient at delays, resulting in many near-collisions; brought the AEC ruling. The pickup turnout will be closed off to traffic either by a chain barrier or an AEC patrolman.

Car pool drivers and riders in Y-12 are urged to make new arrangements for pickups inside the North Portal parking areas. The new AEC ruling will not apply to the Biology exit to Bear Creek Road or the Biology parking lot.

#### Light To Control Traffic

Another change in traffic control at the North Portal will be placing in operation of the traffic light at the exit into Bear Creek Road. The light will be operated manually, similar to the East Portal light in the mornings, instead of having traffic controlled by an AEC patrolman standing in the middle of Bear Creek Road.

### Movies Of Argonne Reactor To Be Shown On Thursday

A color film on the experimental boiling water reactor operated by the Argonne National Laboratory will be presented at the second of a series of three meetings being staged by the Oak Ridge-Knoxville Section of the American Institute of Chemical Engineers at 8 o'clock tomorrow night, Thursday, August 8. This second session of the symposium on power reactors will be held in the Green Room of the Ridge Recreation Hall.

Also included in the August 8 meeting will be pictures and discussions on other power reactors. The final meeting will be on Thursday night, August 15, at the same time and place with Wilson R. Cooper, in charge of the nuclear division of the Tennessee Valley Authority, presenting an analysis of proposed power reactors.

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
**UNION CARBIDE  
NUCLEAR COMPANY**  
A Division Of  
Union Carbide Corporation

GEORGE W. DOBBS . . . Editor

### OFFICE

Post Office Box Y  
Oak Ridge, Tenn.  
Bldg. 9704-2 Room 228  
Telephone 7751



Miss Helen Gombita

### GOMBITA—CORBETT

The engagement and approaching marriage of Miss Helen Bernadette Gombita to Bernard Lee Corbett has been announced by parents of the bride-elect, Mr. and Mrs. Paul Gombita, of Middlesboro, Ky. Both the principals are Y-12ers in the Colex Auxiliary Operations Department.

Miss Gombita is a graduate of the Indiana, Pa., High School and Corbett graduated from Carnegie Institute of Technology, Pittsburgh, Pa., after attending Brownsville, Pa., High School. A fall wedding is planned.

## American Nuclear Society Announces New Officers

The American Nuclear Society has elected at its third annual meeting as officers for the 1957-58 year:

President, L. J. Haworth, director, Brookhaven National Laboratory; Vice President, T. G. LeClair, Commonwealth Edison Co.; Treasurer, M. A. Schultz, Westinghouse Electric Corp., CAPA; Editor, J. G. Beckerley, Schlumberger Well Surveying Corp.

Seven new directors at large have been elected and complete the board of directors of 30 members. They are John C. Bugher, Rockefeller Foundation; Karl Cohen, General Electric Co., APED, San Jose, Calif.; W. Kenneth Davis, U. S. Atomic Energy Commission, Washington; Miles C. Leverett, General Electric Co., ANPD, Cincinnati; W. B. Lewis, Atomic Energy of Canada, Ltd.; John R. Menke, Nuclear Development Corporation of America; Sidney Siegel, Atomics International; Clarke Williams, Brookhaven National Laboratory.

W. W. Grigorieff remains as the executive secretary of the American Nuclear Society, Oak Ridge, Tenn.

The older generation thought nothing of getting up at 5 o'clock in the morning—and the younger generation doesn't think so much of it either.



**GOIN' FISHIN'** was the title of this snapshot by T. H. Barton, Production Analysis, that was declared "Picture Of The Month" for June in the Y-12 Weekly Photographic Contest. The picture won the weekly event for the week ending June 21.



### HOUSTON—BORUM

Two Y-12ers in the Product Processing Department exchanged wedding vows last Saturday afternoon, August 3, when Miss Addie Sue Borum and A.J.E. (Joe) Houston were married. The ceremony was performed at 2:30 p.m. by the Rev. R. V. Bridges, pastor of the Church of the Nazarine in Oak Ridge, at the minister's residence, 100 Poplar Road.

The bride is the daughter of Mr. and Mrs. McKinley Carpenter, Bean Station, Tenn. Houston is the son of Mrs. Mary Houston, Route 2, Powell.

For her wedding the bride wore a blue lace dress with white accessories and carried a corsage of white rose buds. Miss Juanita Lawing was maid of honor and wore a pink dress with white accessories. Her flowers were a corsage of white carnations. Miss Patricia Ann Borum was the bride's other attendant and wore a blue dress with white accessories and wore a corsage of red roses.

Robert G. Watson, 122 Viking Road, Oak Ridge, acted as best man.

The couple will live at 120 Latimer Road, Oak Ridge.

## A Shift Wiener Roast Set At Concord Park August 15

Y-12 Plant A Shift employees and members of their families will stage a wiener roast at 7 p.m. on Thursday night of next week, August 15, at the Concord Park picnic area. The site of the affair is at the top of the hill in the park, overlooking Ft. Loudoun Lake. The wieners and drinks will be provided by the A Shift Recreation Committee and the only admission will be a 25-cent contribution to the A Shift recreation fund.



Everybody around the place seems to have been having a good time recently—picnics, vacations and such—so let's hear more about them, department by department—

### FINANCE AND MATERIALS

From reports reaching the Column, Production Inspection really had a ball at their July 20 picnic—attended by some 91 fun-bent folks. Prominent roles of one sort or another were played by Softballer M. R. Emery, Archer Roy Hardy, Skier Red Cantrell, Boat Skippers Etheridge and R. E. Worley, Horseshoe Pitcher "Slick" Gragg, some git-tar players and a harmonica tooter as one and all had a large day of entertainment.

Joyce Bruce, Materials, and family enjoyed Myrtle Beach as a vacation spot . . . Jackie Tankersley picked Chattanooga and Oak Ridge . . . Boating, skiing and fishing occupied C. H. Harris at Kingston . . . St. Augustine, Fla., drew W. L. McKintry, Jr., and family . . . Gertrude Gentry stayed at home in Lenoir City.

Plant Records sends get well wishes to Dot Park.

Lloyd Wyatt, Tabulating Services, and the missus attended a Wyatt family reunion Sunday at Crossville . . . L. T. Carden was among the local delegates to the DeMolay conclave last week in Oak Ridge.

Madeline Franklin, SS Control, and her family are enjoying their new Oak Ridge home at 200 Michigan Ave.

Another new home owner is Eris Johnson, Quality Control, at 101 Essex Lane in East Village.

### ALLOY

Steve Pelizzari, Colex Auxiliary Operations, has the right idea—he's taken off for the cool, cool mountains . . . R. R. Duff is visiting his nephew in Orlando, Fla., and A. S. Kirby also is in the Sunshine State . . . Dave Smith is camping out at Cape Hatteras, N. C.

Proud Papa in Alpha Five Cascade Operations is George W. Evans with a girl born July 18 at Oak Ridge Hospital weighing six pounds, four ounces and named Martha Ann . . . Welcomed to B Shift is Pat Dabbs, II, replacing C. B. Bridges, transferred to Research Services . . . Also welcomed to B Shift are J. L. Hunnicutt and Grady Bennett—and to C Shift is E. A. Donahue . . . Get well wishes to J. O. Wiseman, in St. Mary's Hospital, Knoxville . . . Vacationers are E. W. Stooksbury in Charleston, W. Va., Joe Ailey at Dayton and Akron, Ohio, L. E. Richardson at Kokomo, Ind., and E. C. Carroll at home in Oak Ridge.

### TECHNICAL

Another big picnic—the Laboratory Division pitched one at Big

Ridge Park July 27 when about 100 turned out from Production Analysis, Special Testing, Production Assay and Laboratory Operations to swim, play volleyball, badminton and go horseback riding. Daisy Ward and her food committee were highly praised for their offering of outstanding victuals (trust our pal Daisy).

Ann Fleener, the Laboratory Division news coordinator, is getting settled in her new home on Oak Ridge Turnpike.

Production Analysis sends rapid recovery wishes to C. B. Burnette, ill in Knoxville . . . Also to the brother of Daisy Ward and Doris Campbell, recovering from a heart attack in a Harlan, Ky., hospital . . . Paul Bonner is vacationing in Lenoir City and Harry King is back from a visit to Washington, D. C.

Helen Hicks, Special Testing, plans to spend a week in her cabin on Parksville Lake . . . C. M. Knowles and the missus are touring New Mexico, Colorado and other Wild West points.

Jean Shelton, Production Assay, visited her parents in Virginia over the week end and brought her mother back to Oak Ridge for a visit . . . Other week-end travelers included Rassie Condrey and family in the Smokies . . . Nadine Graham and folks at Boone, N. C. . . T. D. Martin and family also in North Carolina . . . Dorothy Moore and her husband, Raymond, General Machine Shop, went to Alabama . . . Shorty Heatherly and his wife camped out in the wilds near Ocoee, Tenn.

Merwyn Sanders, Health Physics, is back from two weeks in Old Mexico—leaving the natives singing "I'm All Shook Up" . . . Jerry Lambdin and G. R. Whitaker are back from military training . . . Also back from vacation in South Carolina is G. R. Patterson and P. C. McRee from supervising the remodeling of his Pasadena Road home.

Special Projects extends deepest sympathy to Harvey Hankins, whose favorite pastime has been curtailed by removal of a molar . . . Didn't mean to overlook the pint-sized vacation taken three weeks ago in Atlanta by Jim Warner and spouse . . . The Don Woodbridges are headed for the Outer Banks of N. C. for a couple of weeks.

The Analytical Development group of Development Operations rolled out the welcome carpet last week for Bob Hankins, a newcomer . . . Erie Cofield is back from Windy Hill Beach, S. C., and a visit to kin folks in North Carolina . . . Bill Dietrich vacationed at his new home in Knoxville.

Development Operations' Metallurgical Development outfit reports H. D. Whitehead and family were over at Big Ridge Park last week . . . C. J. Pratt was at home

Continued on Page 4



**PRACTICAL EDUCATION** in engineering and good will work for the Karns Community being done by United States Army Reservists in Oak Ridge provided the subject matter for the snapshot above by Joseph H. Stewart, Production Analysis, to take first place in the Y-12 Weekly Photographic Contest for the week ending August 2. This was the only picture entered for the week.



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

Chester R. Kennedy, F. C. Wheeler, William L. Scruggs and B. J. Jones, General Machine Shop; A. D. Marlow, Stores; F. L. Rigney, Charles E. Harness and V. A. Stanley, Mechanical; Lloyd R. Nolan, A Mechanical Operations; Virgil Lovett and A. D. Casey, Electrical Maintenance; Perry Suber and W. B. Eisenhower, Buildings and Grounds; F. A. Wells, Product Processing; H. C. McBirney, Mechanical Operations Division; J. B. Mathes, Fire Department; Hugh F. Akin, Project Engineering; William T. Crowe, Alpha Four Cascade; Lissie Reynolds, Chemical; L. C. Manley, Janitors.

## MIT Speaker Will Appear On Seminar Program Friday

Harold Enge, of the Massachusetts Institute of Technology, will speak at the meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon of this week, August 9. The meeting will be in Room 18, Oak Ridge Institute of Nuclear Studies Training Building, on Administration Road. Enge's topic will be "Results of (d,p) Stripping Measurements on Some Light-Intermediate Nuclei." Y-12ers interested in the program are invited to attend.

### MANY OWN STOCKS

More than 600,000 American men and women own stock in large industrial firms. Of this number, 25 per cent live in towns under 10,000 population or in the country.



Oh boy, ice cream?



It sure looks good.



Hurry up, Mom.



Shucks—mashed potatoes.

**THESE CUTE SEQUENCE PHOTOS** are of perky little Jeffrey Neal Pipes, six-months-old son of E. W. Pipes, Electrical Maintenance. Young Jeffrey has red hair and blue eyes and has an older brother and sister. Naturally the parents, brother and sister are proud of Jeffrey.



**A PICNIC LUNCH WHILE VACATIONING** in Chickamauga Park, near Chattanooga, is shown being enjoyed by the family of Bob Orrison, Industrial Engineering. He couldn't be in the snapshot because of the very good reason that he took it. From left are youngsters David, Leta, Bobby and John and their mother, Mrs. Leta Orrison.

## Peterson, Wilburn And Troutman Winners In Knoxville League Golf Tournament

George Peterson, Bill Wilburn and D. E. Troutman were winners in the First, Second and Third Flights, respectively, of the tournament staged for players in the Y-12 Golf League for golfers in the Knoxville area. The tournament was held at the Whittle Springs Golf and Social Club in Knoxville.

Peterson beat J. Miller for the First Flight title. The winner previously had defeated E. F. Leach and Al Sawyer to advance to the finals.

The Second Flight champion, Bill Wilburn, started out with wins over J. Hill and George Everitt to reach the finals, in which he trimmed K. D. Cook.

In the Third Flight finals, Troutman triumphed over P. F. Galle after handing losses to B. Schappel and P. E. Stein.

Each flight winner received prizes of eight golf balls with four balls going to the runners-up.

## Squirrel Season Opens August 15

The open season for squirrel hunting in Tennessee will open on Thursday, August 15, and Y-12ers who will go afield after the little nutcrackers should have good success, according to Roy H. Anderson, chief of game management for the Tennessee Game and Fish Commission. Food production for the furry animals was fair last year and a good population was held over for this season.

Tennessee's squirrel hunting, opening 15 days earlier this season on an experimental basis, should produce best results around hickory and oak trees. Since leaves will not have begun to fall by the opening date, most of the hunting will be of the "still" variety with use of rifles or shotguns. Dog hunting for squirrels will come later in the season, which extends until January 1.

## Two Teams Advance In Tennis Ladder

Two advances were made in the Y-12 Tennis Ladders last week with the only two matches being played. In the men's doubles Caudill-Stephens defeated Henry-Sheehan 6-3, 5-7, 6-4 to take over the No. 5 position. In mixed doubles Mildred White-Kuhn beat Nell McGinnis-Harper by 6-4, 7-5, to move into the No. 5 rung.

The standings as of last Friday morning in the men's doubles was (1) Campbell-Thomson, (2) Hackett-Ballenger, (3) Perry-Laggis, (4) Nicely-Gregory, (5) Caudill-Stephens, (6) Henry-Sheehan, (7) Kuhn-Harper, (8) Fischer-Horton. In mixed doubles the standing was (1) Cusman-Ballenger, (2) L. White-Campbell, (3) Gombita-Laggie, (4) Brown-Everitt, (5) M. White-Kuhn, (6) McGinnis-Harper.

Female voice over telephone: "Hello, is this the Fidelity Insurance Co.?"

"Yes, ma'am."

"Well, I want to speak to someone about having my husband's fidelity insured."

## Reactors, Cubs Softball Winners

### Idle Rebels Remain On Top In League

The idle Rebels held their top spot in the Y-12 Plant Softball League last week while the second place Reactors and third place Cubs each added a win to their marks. The Reactors, although outthit by the B Bombers, turned in a 9 to 6 win; and the Cubs also conked the Bombers with a 10 to 7 victory. In another tilt the Bombers took out their ire on the Screwballs with a 28 to 3 triumph.

**Reactors Have Big Round**  
A big six-run first inning gave the Reactors the win over the Bombers, with the victors clinching it with three more in the sixth. Cheek rapped a homer for the Reactors and Hardin duplicated for the Bombers. Hardin also rapped four for four for the game and Shotts three for four.

Myers led the Cub win over the Bombers by slapping out one homer, hitting four for four and scoring four runs. Kindricks also hit a round tripper for the winners which iced the scrap with five

### SMITH PITCHED FIRST, NOT LAW, FOR REACTORS

Through an unintentional erroneous report to The Bulletin last week Manager Harley Law, of the Reactors, was given credit for pitching both of his team's victories in a double win over the Early Birds on Saturday, July 27. Manager Law, anxious to give credit where credit is due, pointed out that "Sid" Smith, a team member all season, hurled the first game in which the Reactors scored a 6 to 5 win, while the manager himself was on the mound in the second contest, also won by the Reactors by 19 to 4. Smith deserved full credit for the victory, Law declared.

runs in the sixth round. Gib Hatmaker hit for the circuit for the Bombers.

**Bombers Blast Seven Homers**  
Against the Screwballs the Bombers blasted seven home runs, Beeler getting two and Lee, Peters, Hardin, R. McNabb and Messenger each getting one. Messenger had a perfect night with three for three and Beeler hit safely in four out of five trips to the plate. Gib Hatmaker held the Screwballs to two safeties, one a homer by Simons.

In a pair of slugfests last Saturday morning, the Screwballs and Early Birds broke even. The Screwballs took the first by 14 to 10 and the Early birds the closing engagement by 17 to 8. The Early Birds' Bowman got a pair of homers in the first and one in the second clash.

League standing and line scores follow:

LEAGUE STANDING			
Team	W	L	
Rebels	4	0	
Reactors	6	2	
Cubs	3	1	
Wildcats	1	2	
B Bombers	1	4	
Early Birds	1	3	
Screwballs	1	5	

LINE SCORES				
Team	R	H	E	
B Bombers	010	201	2-6	12 3
Reactors	600	003	x-9	8 2
Batteries: B Bombers, Burnett and Beeler, Reactors, Law and Smith.				
Cubs	201	025	0-10	11 1
B Bombers	210	121	0-7	11 5
Batteries: Cubs, Hill and Myers. B Bombers, Hatmaker and Beeler.				
Screwballs	020	10x	x-3	2 5
B Bombers	691	39x	x-28	21 1
Batteries: Screwballs, Seivers and Simons. B Bombers, Hatmaker, Messenger and Beeler.				
Screwballs	930	20x	x-14	8 3
Early Birds	080	02x	x-10	5 1
Batteries: Screwballs, Belton, Simmons and Furlong. Early Birds, Bullard and Bowman.				
Early Birds	634	4xx	x-17	12 1
Screwballs	114	2xx	x-8	9 2
Batteries: Early Birds, Compton and Rhea. Screwballs, Belton, Simmons and Furlong.				



**A PAIR OF GOLFERS** from the General Machine Shop performing as a team in the Y-12 Plant Golf League at Lenoir City are E. S. Henck, left, and F. K. Clabough. They were in seventh place in the latest standings.

## Muskies Cost Bans Fish In Tennessee

People who would have the Tennessee Game and Fish Commission produce muskellunge in state fish stations should consider prices established by commercial hatcheries, Commission officials announce. Because of cannibalism and other production troubles, muskies are difficult to raise in quantities. A Wisconsin hatchery quotes prices of \$250 per thousand, or 25c each, for swimming fry 10 to 15 days old. Yearling adults are quoted at \$13,500, or \$13.50 each, a price hardly feasible to distribute at current costs of hunting and fishing licenses!

## Wise Old Owls Trick Poor Chickens

Dr. George R. Mayfield, of Nashville, tells of a trick great horned owls used to obtain food, according to the Tennessee Game and Fish Commission. Those were the days before many chicken houses were built, when poultry roosted in trees. An owl would alight in a tree and sidle up to a chicken. Given a nudge, the chicken would move farther out on the limb. This kept up until the limb bent downward, whereupon the chicken would try to fly to the ground. The owl then seized his victim in midair and flew off with it.

To be successful—look for work after you have found a job.



**SOUTH HOLSTON LAKE** up near Bristol, Tenn., yielded this fine largemouth bass to B. A. Murr, Production Inspection, on a recent fishing foray to the East State waters. The Y-12 angler used a doll fly lure to catch the lunker, which is entered in the Y-12 Annual Fishing Contest ending December 31.

## Fishing Rodeo Ends September 2

### Many Big Contenders Still Are Uncaught

There still are a lot of big 'uns in lakes and streams hereabouts awaiting being hooked by a Y-12 angler — despite some of the fine catches during the first seven months of the year by plant fishermen—and a little more than three weeks remain to nab them as contenders in the summer-long fishing rodeo now being staged by the Recreation Department. The event opened back on June 15 and will end at midnight, Monday, September 2, which is Labor Day.

**Fine Prizes To Be Given**  
Some mighty fine prizes in the form of merchandise for fishing and hunting trips are to be awarded first and second place winners in eight different species of fish. Entries for the rodeo must be in the hands of the Recreation Department, Room 226, Bldg. 9704-2, not later than noon on Thursday, September 15, when they will be judged and the winners announced in The Bulletin the following week.

The fish eligible for awards in the fishing rodeo are largemouth, smallmouth and striped bass, walleye and sauger pike, crappie, bream or bluegill and trout. Fish must be taken on a rod or cane pole and line and must be caught in Tennessee waters. Dock operators or other disinterested parties must verify the catches by signing the entry card giving the specie, weight, length and girth of the fish.

**Weight Determines Winner**  
Winners are determined by weight, but in case of ties length and girth of the fish will decide the contest.

No contestant may win more than one prize, but any Y-12er may enter fish of as many species as desired.

## One Tilt Pitched In Horseshoe Loop

Only one match was tossed in the Y-12 Horseshoe Ladder last week, the team of Charley Gillman and Avery Kendig, with Sam Simmons substituting for Kendig, turning back the Beckett-Smith outfit in three out of four games. The ladder standing as of last Friday was (1) Dunlap-Stanley, (2) Hart-Zupan, (3) Hilton-Hackett, (4) Kendig-Gillman, (5) Morgan-Wyatt, (6) Beckett-Smith, (7) Collins-Lewis, (8) Dyer-Dick.

It's smart to be safe.

## Bowling Leagues Meeting Called

### Teams Urged To Name Captains For Sessions

Tempus does fugit — it's nearly bowling time again.

Taking an advance look at the calendar — the Recreation Department has called organizational meetings for the four pin leagues that operated last season and has invited all Y-12ers interested in the popular sport who want to join existing circuits or form new ones to speak up.

In calling the organizational meetings the Recreation Department suggests that all teams participating in the four leagues last season do their own organizing as soon as possible to elect team captains or representatives to attend the sessions.

Here are the dates and times for the meetings, all of which will be held in the Recreation Department office, Room 226, Bldg. 9704-2.

**Classic League, 1 p.m., Tuesday, August 20.**

**B Shift League, 1 p.m., Thursday, August 22.**

**Mixed League, 1:30 p.m., Tuesday, August 27.**

**C League, 1 p.m., Thursday, August 29.**

## Gilliam Brothers Leading In Lenoir

The Gilliam brothers took over first place in the Lenoir City Golf League for Y-12 players by a one-half point margin with a two and one-half point win over Henck and Clabough. The previous leaders, Davis and Arrowood, dropped to second place by splitting three points with the Mills-Perry combine. In other matches Thompson-Kinkaid took two points from Wallace and Patterson and Oxford and A. Collins won from W. C. Collins and Watson by the same margin.

L. E. Kinkaid had the best scratch score of the period with 40 while the top handicap tally was 36 posted by Avis Collins.

League standing follows:

Team	W	L
M. F. & J. L. Gilliam	10½	4½
Davis-Arrowood	10	5
W. C. Collins-Watson	9½	5½
Wallace-Patterson	8½	6½
Thompson-Kinkaid	7	8
Oxford-A. Collins	6	9
Henck-Clabough	4½	10½
Mills-Perry	4	11

## Marksmen Extend Pistol Loop Lead

The eagle-eyed Marksmen team in the Y-12 Pistol League continued its runaway march last Thursday night, August 1, by taking both scratch and handicap wins over the second place Masters outfit — the figures being 263 to 238 and 291.775 to 284.953. In the other match of the night the Sharpshooters and Experts split even, the Sharpshooters taking the scratch decision by 256 to 247 while the Experts captured the handicap victory by 290.613 to 288.010.

Carl Brewster, of the Marksmen, was high gun for the night in both scratch and handicap scoring with 263 and 291.775.

## Split Stumps Hold Lead In Archery

The Split Stumps maintained their lead in the Y-12 Archery League last week with a total of 33 points. Roy Hardy of the loop leaders, had a high score of 107 while James Kyle, of the Quivers, scored 104.

League standing follows:

Team	Points
Split Stumps	33
Quivers	26
Broken Nochs	21
Apaches	12
Long Bows	3

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Continued from Page 2.  
in Kingston and **C. D. Robinson** went to Wartburg . . . **J. M. Turley** got the warm welcome treatment after his recent treatment from Alloy Development.

Another Development Operations branch—SS Chemical Development—welcomes **Walt Closssey**, recently transferred to the group . . . recent vacationers were **Otto Sheller** visiting relatives at Barberton, Ohio, and Indianapolis, Ind . . . Also **Morris Fortenberry** at home in Oak Ridge.

Before taking off for Indian Rocks Beach, Fla., with the **A. S. Prestons**, of Electrical Engineering, for a couple of weeks of "being just plain lazy," the Colyum authoress, **Kay Sideris**, Project Engineering, confided that non-smoker **Walt Simmons** was passing out cigars last week in honor of the arrival of a new baby girl—**Kimberly Anne**, who weighed eight pounds, 13 ounces . . . The **H. F. Akins** are touring West Tennessee visiting relatives and friends . . . **Fran Willie** is enjoying Myrtle Beach . . . The **Jack Thomsons** took off for various spots in New York State for a couple of weeks . . . **L. B. Cabe** and **Ronnie Stenglein** are "resting" at home in Oak Ridge.

Mechanical Engineering reports **Steve Koczan** and spouse are scanning the skyline of New York—and pals expect the Brooklyn Bridge to be under new management shortly . . . **H. A. Pohto** (Lt. USNR) is on two weeks leave with the U.S.S. Antietam off the West Indies . . . **Tom Norris** is reversing the trend—moving BACK to Oak Ridge . . . **Lillian Higgins** is relaxing at home and visiting her stepdaughter, stationed at the Charleston, S. C., Air Force Base . . . the **R. E. Austins** are in Washington and along the East Coast in general.

**MAINTENANCE**

Buildings and Grounds sends get well wishes to **L. M. Gibbs** in Oak Ridge Hospital . . . **Arthur Oden, Sr.**, is at the Civil Defense Staff College at Olney, Md., training in combatting atomic fallout.

**B. C. Harrington**, Research Services, and family are dawdling at Daytona Beach this week . . . **C. G. Hubbard** and his wife flew to Washington, D. C., last week for sightseeing and a ball game—one of the sights was Jerry Lewis . . . **B. D. Blackburn** is back after an extended illness . . . Rapid recovery wishes to the sons of **E. R. Baxter** and **H. W. Ditchen** in Oak Ridge Hospital . . . All Beta Three folks join in wishing a speedy recovery to **Carolea Bowers**, still ailing at home . . . **George Schierbaum** joined the Proud Pop's Club via a new daughter born July 26 . . . Sympathy is extended the family of **Don Hill** over the recent death of his father-in-law.

Process Maintenance extends condolences to **R. A. Moseley**, whose father died last Friday . . . Also to **J. C. McKinney**, whose father-in-law, P. Wyrick, died on the same day . . . Get well wishes are sent **O. E. Wiggers** in Oak Ridge Hospital . . . **Mary Williams** attended an open house for her parents in Chattanooga August 3 honoring their Golden Wedding anniversary . . . Vacationers hither and yon include **J. C. Gaddis** in

Baltimore, **J. C. Mills** in Asheville, N. C., and **J. G. Yearwood** visiting kin folks in New York City . . . **H. R. Mantooth** is doing likewise in Florida . . . **E. C. Barnes** is in Cincinnati with a side trip to Mammoth Cave, Ky., on the way home . . . **A. M. Kirksey** is seeing friends and relatives in Jawga where there's plenty of ham and deep freezers . . . **C. R. Eichelberger** is taking off for Whittier, Cal. . . . **R. D. Baker** and family can be found at Ormond Beach, Fla., and **W. P. Vogelgesand** is at Phoenix City . . . Closer to home base are **F. E. Daniels** at Powell and **V. L. Peppers** down on the farm at Dayton, Tenn.

Florida spots have **J. V. Hawkins** and **R. J. Spurling**, Electrical Maintenance—their destinations are Miami and Jacksonville, respectively . . . **R. S. Hickey** is somewhere down thataway . . . **Babs Stooksbury** is over at her cabin at Pellissippi . . . **R. E. Douglas** is welcomed back to the department . . . Get well wishes to **A. D. Casey** and **A. L. Prestwood**.

**SHIFT SUPERINTENDENTS AND GENERAL UTILITIES**

(Note to **Adm. Dan Rader**, Plant Shift Superintendent—it ain't cricket to publish that Florida bathing suit item, and besides her hubby is bigger and can run faster than either of us.)

**Vic Defenderfer**, Assistant B Shift Superintendent, had relatives from Shelton, Conn., as guests last week . . . Asst. D Shift Sooper **George Kirtland** will spend part of his vacation at home in Knoxville—then go to Decatur, Ill., to attend his son's wedding.

Utilities welcomes **Gus Angele** back following an operation at Oak Ridge Hospital.

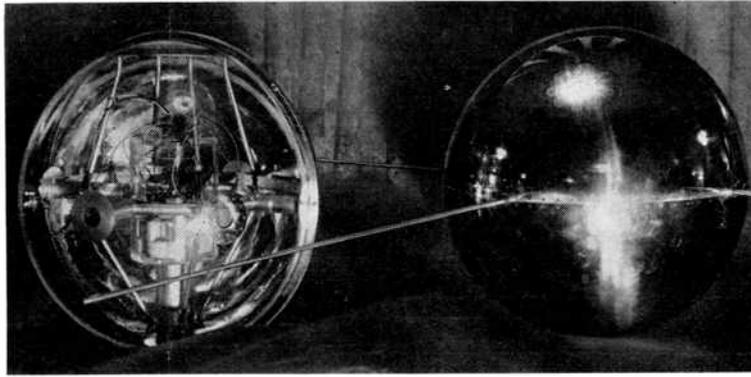
**MECHANICAL OPERATIONS**

The General Machine Shop's **Kathleen Milligan**, item gatherer for this corner, got scooped last week on her vacation time—the fellows were seeing snakes, lots of 'em. However, there were no experts to identify the critters that invaded the first floor of Bldg. 9201-1 so one was sent over to the Biology boys of ORNL in an effort to find out the breed . . . P'raps Kathleen will find out all about it later.

**Reece Robbins**, A Mechanical Operations, has moved into his new South Harriman home . . . **John Sewell** is a grandpa now—his grandson, weighing seven pounds, 11 ounces, was born Monday, July 22 . . . Get well wishes are dispatched to **Lloyd R. Nolan** in Oak Ridge Hospital and also to **J. H. Oldham** at home . . . **H. M. Zimmerman** is welcomed back after a long siege of illness . . . Vacationers include **Bobbie Griffin**, departmental reporter, at home in Knoxville . . . **John S. Reece** at home in Oak Ridge . . . **J. W. Weaver** wandering along the East and West Coasts of Florida . . . **D. H. Friar** in Panama City, Fla. . . . **Clyde Carter** fishing and swimming at Pickwick Dam . . . **Steve Pintur** is back from a Chicago vacation and **Bill Miller** from the Gulf Coast of Florida—minus fish.

C Mechanical Operations welcomes **A. R. Smith** back after a couple of weeks of illness . . .

**Heliarc Welding Used To Fabricate Little Earth Satellites Expected To Be Launched Next Year To Unlock World Secrets**



THESE MODELS SHOW THE INTERIOR, LEFT, AND EXTERIOR of the earth satellite. Electronic equipment will record valuable geophysical and solar research data as the sphere circles the earth at 18,000 miles per hour.

**Huge Rockets Used To Launch Spheres**

A world-wide crusade to unlock the world's storehouse of secrets began July 1, and will continue until December, 1958. One of the most exciting episodes of this campaign, usually called the "International Geophysical Year" (a year that will take 18 months to complete), will be the attempt by scientists to launch one or more earth satellites.

**Made Of Magnesium**

The satellites are magnesium globes, 22 inches in diameter, that hold less than 11 pounds of instruments capable of recording information and radioing it back to observation stations on the earth.

The sphere will be fabricated by heliarc welding. This process is the only one which can be used to fabricate the satellites efficiently. When welding is complete and the satellites have been machined and buffed, human hands aren't allowed to touch the mirror-like surface. The spheres are then gold plated. Four additional coatings are put on after delivery to the Naval Research Laboratory.

**Rocket 72 Feet Tall**

Each sphere is dwarfed by the tall (72 feet) rocket that will deliver it to a point roughly 1,400 miles from the earth's surface. The rockets weigh 11 tons (11 tons of rocket to carry a pay-load of 11 pounds). The rockets operate in three stages—when each stage is completed, a chunk of the rocket falls off and the next stage begins. The first two stages will raise the sphere to an altitude of 300 miles and a speed of 9,000 miles per hour. Then the third stage will project the satellite into its orbit at a speed of 18,000 miles per hour.

Scientists working with the space satellites expect to launch the first one sometime in 1958. Before then, dozens of inventions will have to be made, new processes will have to be developed. Scientists are confident that these obstacles will be overcome before the International Geophysical Year is over. Information gathered by a successful space satellite program will be invaluable to those now planning the final step—the conquest of space by man himself.

**Rides Wanted, Offered**

Ride wanted from Dayton, Tenn. via Rockwood, F Shift. H. R. Gilliam, plant phone 7925, home phone 1561-J, Rockwood.

Want to join car pool from Norris to any portal, A Shift, W. W. Anstott, home phone Norris 6125.

Two car pool members wanted from Upper East Drive or California Ave., Oak Ridge, to North Portal, straight day. R. E. Cofield, plant phone 7344, home phone 5-4298, Oak Ridge.

Ride wanted from Taliwa Courts Apt., Chapman Highway, Knoxville, to North or Central Portal, straight day. Jane Walker, plant phone 7751.

Ride wanted from Whittle Springs Road and Tecoma Drive, Knoxville, to North Portal. Barbara Loudermilk, plant phone 7204, home phone 2-0331, Knoxville.

G. F. Manning also is welcomed back to the Aspen Shop.

J. B. Moss is back with F Mechanical Operations after a two-week tour of Texas . . . Welcomed as new employees are **L. F. Brockmeir**, **F. C. Fluri**, **L. G. Fears** and **J. E. Pickell**.

**INDUSTRIAL RELATIONS**

**Blanche Gibbs**, Medical, is visiting old familiar scenes in Florida . . . **Jim Morehead**, of the Industrial Hygiene section, is spending a couple of weeks in Oak Ridge with some side trips planned . . . **Virginia Guettner** is welcomed back after a stay in the hospital. Get well wishes are sent **Mrs. Lee Bagwell**, Safety, ill in Baptist Hospital, Knoxville . . . **Laurene Holcomb** is kicking up her heels way down yonder in New Orleans.

**Ralph Pearson**, Training, is another new home owner—planning to move into his new domicile over around Clinton way while vacationing.

**CHEMICAL**

The Chemical Department extends sympathy to **B. I. V. Bailey**, whose mother died recently . . . Get well wishes are sent **Mary H. Jenkins**, a patient in Oak Ridge Hospital . . . **H. R. Butler** is back from a Panama City, Fla., vacation and **B. D. Duncan** is resting up over at Wartburg this week . . . **Milo Ward** recently week ended in Gate City, Va.

**Mattye May**, Product Processing, is pointing for a vacation at Monterrey, Mexico, with stopovers at Jackson, Miss; New Orleans and San Antonio, Tex. . . . **Wilma Rodgers** is jaunting around Daytona Beach and on to the Florida keys . . . **C. S. Legg** is welcomed back after visiting his folks in Webb City, Mo. . . . **Eleanor Duke** and her daughter-in-law, Jean Shelton, spent the past week end in Kenora, W. Va., with the latter's mother.

That's all the corn to pop for this time—let's send for a rain-maker.

**AEC Declassifies 9,076 More Documents More Information Available By Review**

To make available for use as soon as possible the maximum amount of information releasable under the new declassification guide, the Atomic Energy Commission has been expediting review of the documents, reports and diagrams that had previously remained classified under previous versions of the guide.

According to the 22nd Semiannual Report of the AEC, the accelerated review canvassed 18,677 technical documents that previously could not be declassified. Of this number 9,076 were declassified, 48.6 per cent of the documents reviewed. In addition 5,297 were downgraded from secret to confidential or confirmed in their confidential rating.

Conducting the review was an expert team of about 40 scientists, engineers and classification experts from the AEC and its contractors. The team worked in Oak Ridge under supervision of AEC staff members from its own classification division.

**10 Years Service**

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

**Bruce B. Coulter**, Research Services, August 9.

**Arthur Bass Seabolt**, Chemical, August 11.

**CU Statements Are Mailed; Deposit Limit Back To \$100**

Quarterly statements for members of the Y-12 Credit Union are being mailed out by the Supervisory Committee to home addresses and are not to be picked up at the Credit Union office as in the past, it has been announced by the board of directors. Mrs. Causey also announced that the deposit limit for any one month for individual members for purchase of shares has returned to \$100 per month.

**Union Carbide Corporation Declares 90-Cent Dividend**

The Board of Directors of Union Carbide Corporation have declared a cash dividend of 90 cents per share on the outstanding capital stock of the Corporation. The dividend will be payable September 3 to stockholders of record on August 2. The last quarterly dividend was 90 cents per share paid on June 1.

**Karns Fair On Saturday Will Draw Many Y-12ers**

A large number of Y-12ers and members of their families are expected to attend and help operate the fourth annual Karns Fair on Saturday of this week, August 10. The annual fair is one of the big events of the year for the fast growing little community in which many Y-12ers have made their homes. A fried chicken carnival will be held from 4 p.m. to 8 p.m. and barbecued hot dogs, ice cream, cotton candy and cold drinks will be available for the public. Other features on the program will be exhibits, a variety show and coronation of a Karns queen.

**POPULAR DISHES SLATED FOR SPECIAL LUNCHES**

Popular main dishes will be served on the 50-cent Special Lunches at the Y-12 Cafeteria tomorrow, Thursday, August 8, and again next Tuesday, August 13. For tomorrow's Special Lunch the entree will be baked beans with meat balls and on next Tuesday turkey hash will be served. Each Special Lunch also includes one vegetable, choice of salad or desert and rolls and butter.

