



# Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

VOL. 20 — NO. 20

OAK RIDGE, TENNESSEE

Wednesday, May 18, 1966

## Life Science Exhibit Showing At Smithsonian

A new "life science exhibit," under the direction of the Atomic Energy Commission, recently made its debut at the Smithsonian Institution, Washington, D.C. Museum visitors will see demonstrations of actual research with live fish, insects, animals and plants as part of the "Life Science Radiation Laboratory."

Experiments conducted in the working laboratory will illustrate the beneficial uses of radiation in medicine, agriculture, and biological research. Results of experiments conducted in the museum lab will be studied simultaneously by spectators and the demonstrator. Some experiments will be prepared and launched while visitors watch.

Typical experiments include exposing garden seeds, plants, and non-organic materials to radiation and using radioisotopes or "tracer atoms" to follow activities of animals and insects.

### Public Understanding

The program is aimed at achieving greater public understanding of natural and man-made radiation and its increasingly important role as a research tool for probing life processes.

The laboratory-in-the-round, designed for extended showings in major cities, has five closed circuit television monitors with one of three television cameras attached to a microscope. Spectators can watch the 20 to 30 minute programs from the elbow-high rim or on the monitors which show closeups of the experiments and slides studied in the exhibit's microscope.

### Designed By ORAU

The exhibit was designed and built by Oak Ridge Associated Universities, which operates the AEC's Domestic Exhibits Program including the American Museum of Atomic Energy, here in Oak Ridge.

The Oak Ridge trained lecturer-demonstrator keeps his presentation flexible to interest the layman, the student, the scientist, vacationing family, or any audience combination.

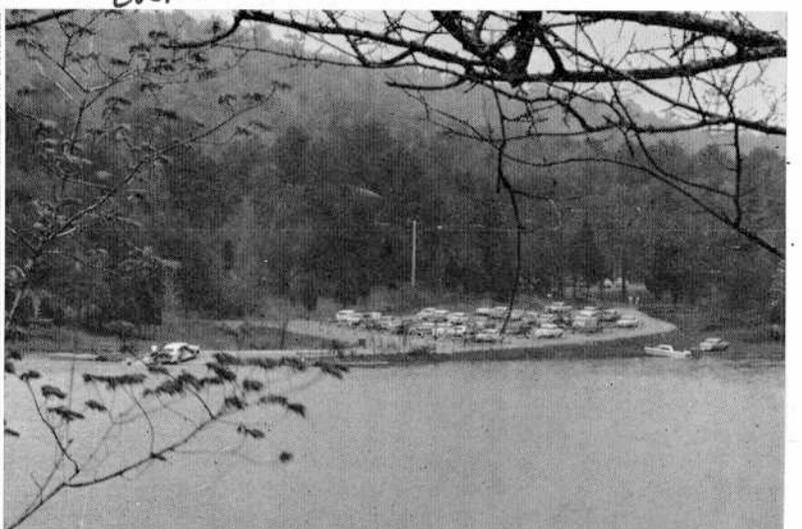
Small animals illustrate the use of "tracer atoms" to study the life span of blood cells, metabolism, and other processes. A healthy and otherwise normal white rat (you may pet it if you like) displays a tail with a crooked tip. The pre-determined abnormality was caused by exposing its mother to a controlled dose of radiation at a certain time of her pregnancy. Through radiation scientists have gathered valuable information on development of the fetal structure.

### White Spotted Mice

Also shown are playful black mice with a white spot where a tiny body area was exposed to radiation. The hair fell out but grew again — white. Different cells apparently differ in sensitivity to radiation. Scientists feel there may be a correlation between this sensitivity and the frequency of mitosis or cell division. Radiation, the life science program points out, is a key to unlock the mysteries of life's basic unit, the cell.



**A BUSY AFTERNOON** at the Carbide Recreation Area shows an ideal picnic spot overlooking Melton Hill Lake, and boaters busily launching. The Park is two miles off Bethel Valley Road, at the AEC-UT Agricultural Station. Follow all roads to the right. Ample



parking, enough picnic tables, playground equipment for the kids, and a host of other out-door facilities welcome the Carbide employee and his family. Large groups may reserve the bigger picnic areas by calling ORNL's Recreation Office, 3-6723.

## Spring Clean-Up Week Coordinators Get Big Thanks For Another Success

Spring Clean-Up Week (April 18-24) was a resounding success, according to D. B. Williams, Fire and Guard Department. In a memo to coordinators throughout the plant, he stated:

"It is most gratifying to review the over-all accomplishments of Spring Clean-Up Week. Prior to the actual start, a planned meeting was held with appointed coordinators from each division. These coordinators were oriented as to their responsibilities for that week.

A total of 36 color slides with sound track of hazardous conditions, i. e., poor housekeeping, electrical, improper storage, flammable liquids, gases and blocked fire protection equipment were shown 53 times to approximately 650 employees throughout the month. These slides proved very helpful in orientating employees in what to look for and corrective action to be taken.

A typical example of activity reports coming in from division coordinators is the one received from W. C. Tunnell in which it was stated:

'Appreciable initial progress was made on a problem that had existed for many years in Building 9723-10 (an old change house) and it is planned that a similar problem will not be allowed to redevelop. An inspection inventory was made by various groups using the building for storage and their stored material was marked with colored coded tags. Many tons of obsolete or scrap material were sent to Salvage. Reorganization of the remaining material is to continue and spaces will be allocated to responsible persons.'

It is indeed a pleasure to have been the Y-12 Plant Coordinator for Spring Clean-Up Week and I wish to extend my sincere thanks to all who worked to make this week so successful by their desire to make our plant a safer, cleaner place in which to work."

/s/ D. B. Williams

## Editor Is Named To National Board

James A. Young, Editor of the Y-12 Bulletin, was elected to the Board of Directors, American Association of Industrial Editors on May 11. The honor was bestowed



Jim Young

upon Young during the annual convention held in Chicago, Illinois. Young also served as arrangement chairman for this AAIE Convention.

The AAIE is the national association which is composed of sectional associations throughout the nation. Being elected to the AAIE Board of Directors is not the only honor bestowed on Young. He is the 1966 President of the Appalachian Industrial Editors Association which is composed of industrial editors in this section of the southeast. He was Secretary-Treasurer of the AIEA in 1961.

The Y-12 editor was Publicity Chairman and a seminar leader of the 1964 national convention which was held in Asheville, North Carolina.

The Sugar Grove Valley resident received his B.A. in Journalism from Emory University, Atlanta, Georgia, in 1949. He has been the editor of the Y-12 Plant Bulletin since April, 1961.

Congratulations Jim.

## Oak Ridge High Band Gives May 30 Concert

A special Memorial Day concert for Carbide employees and members of their family is set. Featuring the Oak Ridge High School Band, under the direction of Steve Combs, the concert begins at 6 p.m. Monday, May 30, at the Carbide Recreation Area.

Monday, May 30, is a holiday for Y-12ers, and concert tickets are available in the Recreation Office for those wishing to attend. One ticket will be required for each family that comes either by car or by boat. Details will follow in the Bulletin.

## Carbide Recreation Area Offers Many Varied Sports

Let's have a picnic. Let's go fishing. Let's take the kids out . . . and just relax. Let's go swimming. Let's get out and get some exercise. Let's go camping. Now that it's Spring, let's get out and enjoy some good, fresh air!

And there's no better place anywhere to enjoy all the above . . . and more . . . than the Carbide Recreation Area, just across the hill. Located on one of the green, tree-shrouded coves of Melton Hill Lake, the sight is something to behold. (Last year more than 5,000 Carbide employees and their families visited the area!) And there's more to come, too.

What was just a dream a couple of years ago has fast become a favorite haunt of many an employee. Improvements and additions are being made constantly to make the place an even more ideal spot.

### Something For Everyone

Whatever the recreational tastes, there is something for everyone . . . play equipment for the children . . . 39 tables with a grill for every two tables at the picnic area number one. Located nearby is a large pavilion. A loudspeaker system will be added to this locale for the benefit of large groups.

Employees have shown their respect for the beauty of the place, too. No ugly litter or debris has collected to mess up the place. Even before the litter barrels were installed there was little litter along the way. One of the only infractions noted thus far is the parking of boat launches, which makes it impossible for the next fellow to embark. A few boaters left their cars parked in the launching area. However, this problem was solved when a new parking lot was added adjacent to the launching area.

### Campsites On The Way

Campsites are being developed and will be equipped with electric power and drinking water. Temporary rest rooms are available. Campers may use the park to stay overnight or for weekends only . . . no week-long camping, please. A registration board will be located near the entrance of the camp grounds for the convenience of those using the area,

and camping will be on a "first-come, first-served" basis.

Construction is underway for a softball field, which should be ready for league action sometime next year. A parking lot has been planned for the area near the field, and facilities are planned for badminton, volleyball, horse-shoes and shuffleboard.

The new access road will be constructed soon. It will run from the area of the rock quarry on Bethel Valley Road, directly to the Park. Until it is completed, employees are to use the road next to the UT-AEC Agricultural Laboratory from Bethel Valley Road. Take all roads turning right from the UT station. The Park is exactly two miles beyond this point.

### Lighted At Night

Two pavilions already exist at the Park. Also to be added is a utilities and service building complete with drinking water and rest rooms, plus a children's playground. The entire area is lighted at night.

There are a few things to remember about the Park:

- Employees and their immediate families **only** are permitted to use the facilities. (An identification badge should be available.)

- Posted speed limits on access roads must be observed and shortest route followed.

- Do not fish from the banks. Let the grass grow. There are fishing ramps where grass cannot grow.

- Boaters and fishermen must obey entrance, parking and exit signs posted at the area.

Continued on Page 4

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated 19 Days Or 491,000 Man-Hours Through May 15 Without A Disabling Injury

Phone 3-7755

(Unofficial Estimate)

For Daily Report

On Accident-Free Hours

# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG *Editor*



OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37830  
Bldg. 9704-2 Room 137  
Telephone 3-7100

## Rogers Son Gains Honors For Paper



Donald E. Rogers

Donald E. Rogers, son of Everett N. Rogers, Mechanical Inspection Department, has recently attended the National Junior Science and Humanities Symposium. The event was held May 4-7 at Fort Monmouth, New Jersey, and Princeton University.

Don won the trip with a paper he presented at the Tennessee Junior Science and Humanities Symposium, one of six students selected from the state of Tennessee. Approximately 250 other students and teachers also attended the symposium.

Don is a junior at Everette High School, Maryville.

A. Paul Wishart, symposium director, a UT professor and James Major, a teacher, were the chaperons for the Tennessee representation.

## Stevens' Bostick Is Physics Seminar Guest

W. H. Bostick, Department of Physics, Stevens Institute of Technology, Hoboken, New Jersey, is guest speaker this week at the Thermo-nuclear Division seminar. His subject will be "Plasma Vortices — Parallel and Perpendicular to the Magnetic Field."

The seminar is set for Friday, May 20, at 9 a.m. in the TD Conference Room, Building 9201-2.

## Careful Use of '9' Trunk-lines Urged

Many Knoxville firms have Oak Ridge telephone numbers listed in the directory. Instead of overloading the "9" trunk-lines . . . just call them locally. The leased lines to Knoxville are often overloaded with official calls. Use care in not tying them up with personal business. Consult the Oak Ridge directory first.

# Harry S. Corey, Numismatist, Shows Interesting Coin Collection

6-13020

Harry S. Corey, III, in Y-12's Laboratory Development, is a numismatist! Before anyone goes consoling Harry, or offering their sympathy for his rare condition . . . you might give the old dictionary a try . . . for a numismatist is a coin collector. (Then you might do some research and find out the differences between numismatists and coin accumulators (or hoarders). There is a difference.)

Numismatists just don't run out and grab V nickels . . . or Indian-head pennies. They make a real science out of collecting coins. Hoarders buy rolls or bags of coins, hang onto them in the hopes that scarcity will bring the price up on the coins. Then there is the random collector . . . who just gathers quarters, or dimes, or Lincoln pennies minted during the war.

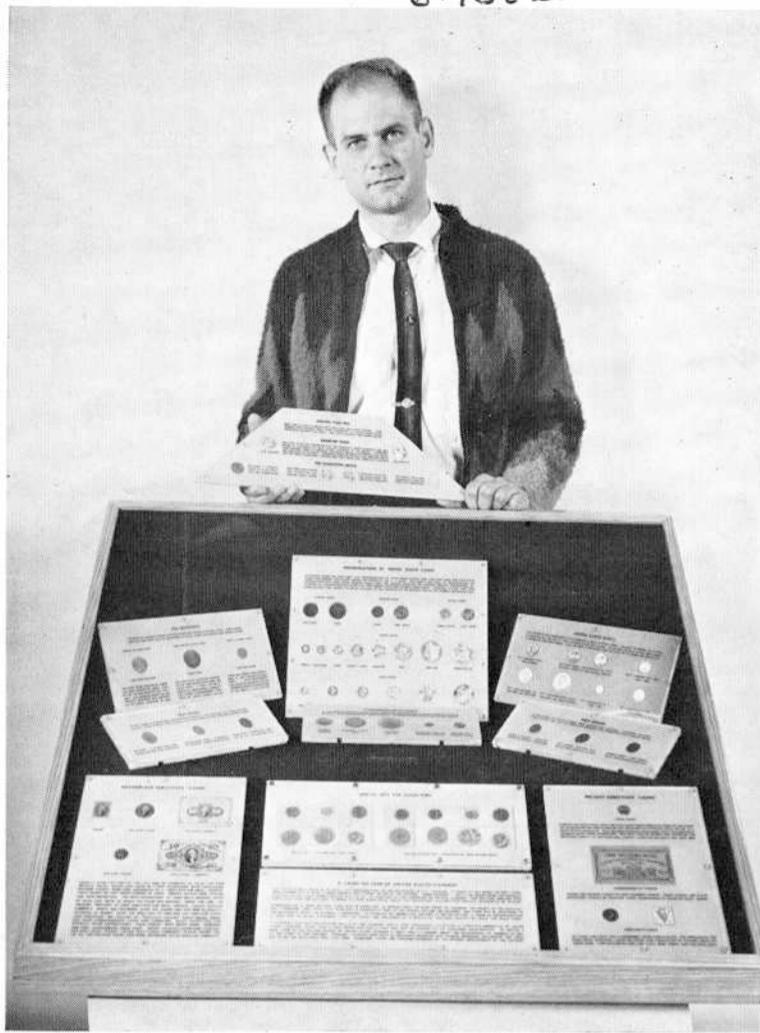
Corey recently attended the Central States Numismatists' Conference in Indianapolis, taking along his excellent collection of U.S. coins. "It is hoped that this collection will give the general public and beginning collector a complete perspective of United States Coinage; also that it will bring out facts that may not be known to the seasoned numismatist. In taking a brief look at the major phases of United States coinage, a great deal is learned about the development of America as well as the story of the nation's coinage. Famous men such as Benjamin Franklin and Thomas Jefferson influenced this coinage as did the Gold Rush and the Civil War. Therefore, coins are tangible evidence of the historic development of the country," reads a forward to Corey's exhibit.

### Three Mints Operate

Three government mints now coin money for distribution . . . Denver, which began operations in 1906, San Francisco, which operated from 1854 until 1955 . . . and was reopened last year . . . and the Philadelphia mint, which has operated continuously since 1792. (Other mints existed in Carson City, Nevada, from 1870 until



**THE HALF DISME OR DIME** was the first official coin minted by the young United States. This coin was minted in 1792 . . . and mentioned by President Washington in an address to Congress. It is believed that 400 were minted . . . although only 20 have been reported in existence now.



**HARRY COREY, LABORATORY DEVELOPMENT**, shows his collection of American coins . . . which has a sample of every denomination in it, plus many oddities that numismatists dream of. The interesting description panels were written and designed also by Corey.

1893; in Charlotte, North Carolina, from 1838 until 1861; New Orleans, from 1838 until 1861 . . . and again from 1879 until 1909 . . . and Dahlonega, Georgia from 1838 until 1861.) These coins all bear the 'tell-tale' markings of D for Denver, O for New Orleans, S for San Francisco, CC for Carson City, C for Charlotte, and D for Dahlonega. Philadelphia-minted coins, of course, bear no mint mark, except those five cent pieces minted from 1942-45 which bear the word "P". These nickels, incidentally, are the only coins in existence that are worth more for their metal than their face value. Today silver dollars are close to their worth in metal-content, also. But they are not minted now.

One of the most interesting coins in Corey's collection is the half disme . . . or nickel . . . or half dime. (Actually, a nickel is not a nickel . . . there have been three cent "nickels." The five-cent piece gained its name nickel because of its metallic content.) The half disme was minted in 1792, after the new Congress authorized the establishment of a U.S. Mint. On November 6, 1792, President George Washington told Congress: "There has been a small beginning in the coinage of half dimes," (the president did not use the disme word). Of course, English coins were still circulating in this country, even after the revolution.

### All Denominations

Corey's collection also includes different values of coins . . . from the lowly penny on up. It includes mint errors, design booboo's, coin substitutes (during the Civil War, stamps, enclosed stamps, postage currency, postage tokens and fractional currency appeared due to the shortages of metal.)

Also in the collection is a famous quarter-of-a-dollar, which

shows a partially disrobed Miss Liberty. An irate Congress demanded the redesign of the coin . . . and she appears now with iron mail across her bosom!

"You can trace a civilization's rise and fall through its coins," Corey enthusiastically stated. "A great deal can be learned of a people's culture through a look at their mint designs."

### Busy Writing Book

He is busily engaged now in the compilation of a book on a cross section of United States Coinage. A little known fact he brings out is that this country had a gold rush in the late 1820's and early 1830's in the foothills of Georgia and North Carolina . . . hence the location of branch mints at Dahlonega and Charlotte. Both were closed, however, by the Civil War . . . and the Confederacy never tried to mint "hard coins" except for a half-hearted

try at the New Orleans mint. Mint errors give numismatists a great deal of satisfaction (editors should be so lucky!) Completely blank coins have been issued . . . that is the coin fails to be caught at all by the die in the mint . . . or it is struck off-balance, or if the coin falls back into the die it is double struck."

Thus, the collection goes . . . commemorative coins, circulated and uncirculated pieces of money, test pieces, etc. A test piece, Corey points out, is an experiment divided into three classifications: patterns, experimental pieces and trial pieces. Although these items resemble actual coins they are not, as neither their design and/or metallic content has been approved by Congress.

### Ready To Move On

Now Corey is ready to desert the most interesting collection. "Essentially, my U.S. mint collection is complete. Naturally, I will get something to add to it later . . . but my interests have turned to another phase of coins."

He has plans to go into the history of gold as a medium of exchange through man's recorded history. He has already picked up a piece of gold from the 7th Century BC, formed in ancient Lydia, in Greece. The head of a lion can clearly be discerned on the old "coin."

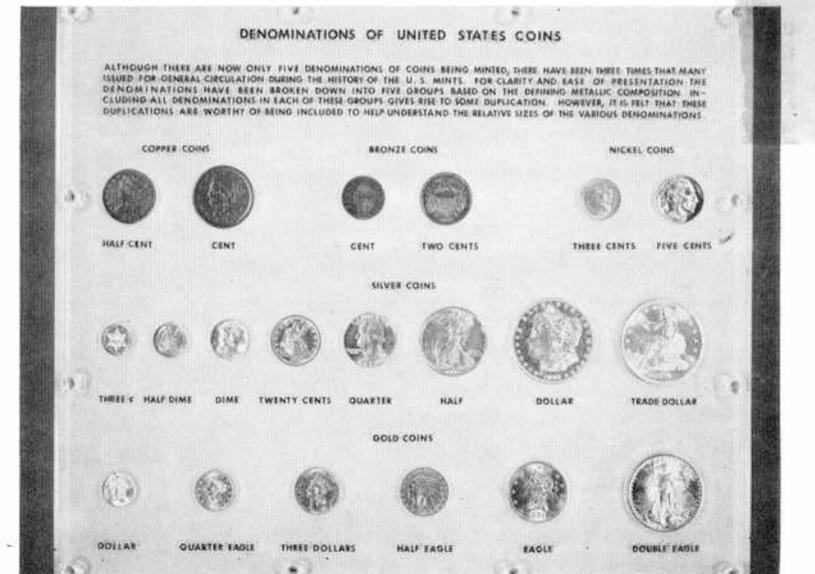
Japanese warlords pressed their own gold . . . in sheets, then impressed their insignia on them. These pieces of exchange were recognized as being of worth, and they were also a symbol of the maker's wealth.

Then gold dust, nuggets and assayer's bricks . . . tiny, little

Continued on Page 3



**A DIE ERROR** at the mint results in a coin such as the above 1957 penny. Other mint errors include "double struck" coins where the coin falls back into the die, and is struck again. These pieces of money get into circulation by error.



**A BREAK-DOWN IN AMERICAN COINS** divides them by metallic content in H. S. Corey's collection. Some denominations (such as the three cents and two cents piece, as well as the half-cent) no longer exist.



**IRA SHOTTS, TIMEKEEPING**, sits astride Eldorado, a handsome animal indeed . . . the horse, that is! Shotts will participate as Ringmaster this weekend in the Spring Horse Show, set Saturday, May 21. Hunter classes will be held during the late morning and afternoon sessions; the first class set at 11 a.m. Halter and Western classes will be held in the evening session beginning at 6 p.m.

### Harry S. Corey

Continued from Page 2  
bisquits, giving the purity, weight and approximate worth of the gold . . . were added, even in our own country.

#### Gold Easily Recognized

"Gold has been recognized as an international piece of exchange," Corey explains. "Its history throughout the ages should prove most interesting."

He picked up the ancient Greek coin on his recent trip to Indianapolis. Besides belonging to the American Numismatist Society, Corey also is a member of the Atomic City Coin Club and the Blue Ridge Association, which is holding an exhibit in mid-June in Knoxville. Y-12ers may see this fabulous collection along with others at the Coliseum from June 16 through the 19. Admission is free during the 10 a.m. until 10 p.m. showings. Sunday hours are from noon until 6 p.m.

Talking with Corey, just briefly, convinces one that coin-collecting is a serious matter . . . and it's not for the "fast-buck" guys either. To put as much research, study and time into it . . . you have to love it and appreciate the intangible story behind a country and its money.

### Why Lock Cabinets Inside Restricted Area?

**WHY** do we have to lock all classified documents in safes when we are in the middle of a secure area, surrounded by fences and with a guard force?

**BECAUSE** we are trying to eliminate possibilities — not probabilities. A locked safe gives the custodian a means of control over the documents in his charge. In an ordinary file cabinet, they would be accessible to anyone. Not only would the basic principle of Need-To-Know be violated — but, inevitably, the accountability system would suffer.

### Playhouse Plans Party Saturday

Four new Playhouse board members will be announced at the upcoming Membership Meeting and Party for the Oak Ridge Playhouse. The annual event is set for Saturday, May 21, at the Alexander Motor Inn at 8:30 p.m.

Mrs. Dave Alford, whose husband is in Y-12's Machine Tool Engineering, is a nominee for the board. Mrs. Alford has been connected with the Playhouse for 13 years, having served in nearly every possible capacity. She has appeared on stage, worked on scenery and prop crews, and is now in charge of costume storage and loaning. She is also in the process of moving and cataloging all props, costumes and general "junk" from the Playhouse building to the new annex.

The Membership Meeting which will include a short business meeting, a brief program and then dancing, is open to all Playhouse members and those interested in joining the group. No prior reservations need be made.



"Let me quote, sir, our safety rules do not permit the landing of unauthorized space craft."

### Bat Boys Take Softball Lead

Rain took its toll in the first week of softball action last week in the three-plant Softball League.

Y-12's Bat Boys opened the league Monday, May 9, by walloping the Naughts, ORNL, 15 to 5. Jim Turner tripled for the big boys.

Monday's second game saw the Red Devils, ORNL, crush the Big Shops, Y-12, 32 to 2. Home runs by the ORNL team saw Dunn and Payne gather two . . . Chesney Smith and Stakes all one each.

Tuesday's schedule went as planned with the Y-12 Falcons dropping game number one to the ORNL Clowns 17 to 12.

Isotopes Reactors, ORNL, copped game two 23 to 3 from the Y-12 Fireguards. Game three saw the X-10 Mets down fellow plantmen, the Peanuts, 18 to 5.

One make-up game Friday, the ORNL Bios vs. K-25 Sports, did make the schedule. The Bios won this tilt 25 to 11.

League standings follow:

Team	W	L
Bat Boys, Y-12	1	0
Red Devils, ORNL	1	0
Isotopes Reactor, ORNL	1	0
X-10 Mets, ORNL	1	0
Clowns, ORNL	1	0
Bio, ORNL	1	0
Naughts, ORNL	0	1
Big Shops, Y-12	0	1
Fireguards, Y-12	0	1
Peanuts, ORNL	0	1
Falcons, Y-12	0	1
K-25 Sports	0	1
Sluggers, ORNL	0	0
Braves, Y-12	0	0
Eagles, Y-12	0	0
K-25 Mets	0	0
Ecobums, ORNL	0	0
Health Physics, ORNL	0	0

### Bullock Holds Ping-Pong Lead

ORNL's Bob Bullock still leads the pack in the Table Tennis tournament but his lead was cut in half last week. Roy Huddleston, Y-12, now only three points behind the front running Bullock, took top honors in Monday night play.

Huddleston defeated Bullock and Wyatt stung Jones in semi-final action for the right to play in the finals. Huddleston then took Wyatt two games to one which enabled him to cut into Bullock's lead.

Current standings follow:

Player	W	L
Bob Bullock, ORNL	30	0
Roy Huddleston, Y-12	27	0
Loyd Wyatt, Y-12	26	1
Denver Jones, ORNL	19	14
Herbert Mook, ORNL	14	19
Gordon Brewer, Y-12	11	11
A. J. Norris, Y-12	9	9
Roger Pilloton, ORNL	6	4
V. R. Uppuluri, ORNL	4	4
W. B. Motley, Y-12	4	4
John Lushbough, ORNL	4	4
Joe Lewin, ORNL	2	2
Charles Goeking, ORNL	2	2
Fred Schull, ORNL	2	2
A. J. Weinberger, ORNL	2	2
F. Kertesz, ORNL	0	0

### 22 Calibre Rifle League Fires Last

The final shoot of the season for the 22 Calibre Rifle League saw the Y-12 team finish in third place. In the 10th firing, Jack Huff fired a 289, 289.861 . . . scratch and handicap score . . . to lead the pack. B. L. Powers finished second with 282 scratch, while G. W. Holcombe fired a 288.022 handicap score. Bert Searles fired 281, 287.530, respectively.

Teamwise it was scratch firing: Y-12, 1397; X-10, 1441; Independents, 1432. Handicap: Y-12, 1438.660; X-10, 1449.513; Independents, 1444.611.

Final standings:

Team	Points
Independents	43
X-10	43
Y-12	22



**SWAG FOR THE DISTAFF SIDE** of the house is the word from E, F, G, H and J Shift's big rodeo . . . coming Saturday, May 28, on Melton Hill Lake. Jeanne Mitchell, Mechanical Development, lands a string of pearls among the rodeo prizes . . . all aimed at women, and for women. You have to bring the little lady along, even to qualify for a prize!

### 'Powder Puff' Fishing Rodeo Is Set By Shifters To Give Girls A Break!

**SOMETHING FOR THE GIRLS!**

That's what E, F, G, H and J Shiftmen are saying about their Powder Puff Rodeo. Set for May 28, that's Saturday week, the fishing competition will be held on beautiful Melton Hill Lake . . . just next door.

Hours are from 6 a.m. until 5 p.m. . . . registration from 6 to 10 a.m. only. And, again, you have to be present to win . . . when the prizes are announced . . . **AND YOU HAVE TO HAVE THE LITTLE WOMAN WITH YOU!** Not only are all the prizes for la femme fatale . . . but fishermen have to bring the War Department along to be eligible for the competition. How's that for a switch in rules?

Prizes to be given out include (for crappies) a string of cultured pearls, a pearl and diamond

pendant, a jewel box, a Kleenex silver box, and a hair spray holder. To be given away for the beams will be a beautiful smoked glass punch bowl set, a jewel box, a jewel case, and pearl earrings. For the largemouth (fish, that is) will be large pearl earrings and sterling candelabra . . . for the smallmouth a gold jewel case and a silver dresser tray. Door prizes will be a beautiful four-piece coffee service, a silver plated well-tree tray and an evening clutch bag.

All Y-12 employees are eligible . . . but they must bring a wife, daughter . . . date, niece, or what-have-you. Boys may fish . . . but entries will be awarded to the little ladies present.

Launching will be from the Carbide Recreation area on Melton Hill Lake. For those not possessing boats . . . they may be rented at the Oak Ridge Marina, Bull Run Dock, or other commercial docks on Melton Hill. Then you can skip on down to the Park to register.

There is ample parking at the Recreation Area . . . and free launching, of course. Weigh-ins will be between 4 and 5 p.m. Saturday, May 28.

See y'all then . . . with your favorite female!

### Today Is Deadline For Entry In Tournament

Today, May 18, is the dead-line for golfers filing to play in the May 21st tournament, slated at Wallace Hills, Maryville.

Drawings for tee-off times will be held tomorrow at 8:30 a.m. and foursome leaders will be notified their starting times by telephone.

Loose talk is very dangerous.

6-13018

**UNION CARBIDE** UNION CARBIDE CORPORATION  
**NUCLEAR DIVISION**

RETURN POSTAGE GUARANTEED

Post Office Box Y  
 Oak Ridge, Tennessee—37830

BULK RATE  
 U.S. Postage  
**PAID**  
 Oak Ridge, Tenn.  
 Permit No. 71



May may not have been "the month of love" but it is a full month for anniversaries. Congratulations to the following Y-12ers seeing important landmarks with Union Carbide Corporation.

**20 YEARS**

**Lawrence H. Perry**, Fire Department, May 20.

**Clyde W. Clower**, Microreproduction and Engineering Services, May 22.

**15 YEARS**

**James C. Terry**, Stores Department, May 19.

**Ralph E. Gibson**, General Machine Shop, May 21.

**Robert L. Gouldy**, 9766 Machine Shop, May 21.

**Hubert A. Marrow**, Buildings, Grounds and Maintenance Shops, May 22.

**James K. Denton**, Accounting, Budgets and Scheduling, May 23.

**William L. Winters**, Arc Melting, May 24.

**Carlyle A. Goddard**, Area Five Maintenance, May 24.

**Clayton E. Wilson**, Area Five Maintenance, May 24.

**Even Sailing Is Faster These Days**

Sailing boats is even faster these days. When Captain William Bligh took the "Bounty" to Tahiti in 1787-89, it took more than a year to make the journey. The replica reproduced for the movie "Mutiny on the Bounty" sailed from Nova Scotia, and dropped anchor in Tahiti, a distance of 7,327 miles, in only 33 days.

**Recreation Area**

Continued from Page 1

● Boaters must observe a three mph speed limit in the harbor area.

● Picnic groups of 10 or more must reserve space through the ORNL Recreation Office, extension 3-6723, prior to 4 p.m. on the day desired, or prior to 4 p.m. Friday for weekend excursions. Reserved areas must be strictly observed.

● Camping is permitted on a "first - come, first - served" basis. Overnight or weekend camping should be the limited time.

● Boaters may not be permitted to dock at the ramp overnight.

● All fires should be completely extinguished before departure, and the area left clean.

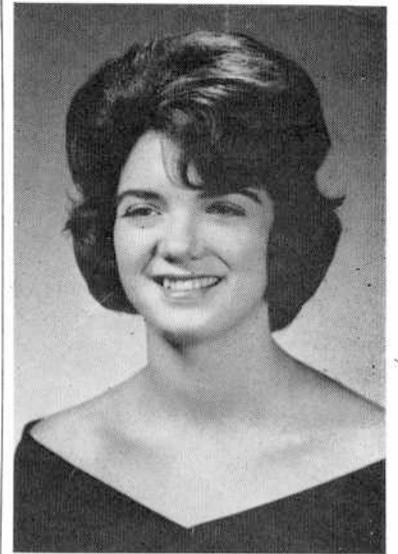
● Games and equipment for group entertainment may be borrowed from Y-12's Recreation Department, telephone extension 3-7109.

So, if it's the outdoors you like, the Carbide Recreation Area will be your cup of tea. Come on over.

**On Profits**

"Profits are not merely for business people. They help all our people. Profits make the most wonderfully progressive country in the world. They make possible not only our government but our defense, our teachers, our doctors, research and exploration. Profits go into support for community chest, colleges, and countless other humanitarian causes. From profits we help finance constructive activities throughout the world. People everywhere should know that capitalism as we practice it here — not as they practice it in some other places — has more humanitarianism in it than all the social philosophies of all the other countries

**Janice Seymour Is Powell High Tops**



**Janice Seymour**

Pretty Janice Seymour, daughter of Mr. and Mrs. W. G. Seymour, has been named the top student at Powell High School. Valedictorian Janice finishes her four-years of high school with a 3.9 average from a possible 4.0.

She served as president and secretary of PHS's Latin Club, was secretary of the Future Physicians Club . . . and a member of the Beta Club. Janice was winner of the freshman scholarship at the University of Tennessee's college of liberal arts. She plans to study medical technology at UT.

Janice is the daughter of W. G. Seymour, Beta Two Shop, here in Y-12.

put together." Hubert H. Humphrey, Vice President of the United States.



'IT TAKES SIX SECONDS to fasten a seat belt,' says Caroline Jones, Personnel Records. The National Safety Council says that hundreds of lives could be saved each year simply by the use of seat belts. . . . So let's all fasten up for our own sake.

**New National Drivers Testing Will Be Telecast On Channel 10 Tuesday**

An entirely new National Driver's Test will be presented on the Columbia Broadcasting System's television network next week. It will be viewed locally next Tuesday, May 24, at 10 p.m. over WBIR-TV, Channel 10.

This is not the same test that was telecast a year ago. It is a new show. Although final program content has not yet been determined, the show will cover key areas of traffic fatalities not included in the first show. Incidentally, last year's Test set a new record in home participation as millions of Americans "tested" themselves on the highways.

In addition to being tested on new driving situations, the viewer

will once again have the chance to compare his results with those from the pre - selected sample representing a cross-section of all drivers in terms of sex, age, geography and driving experience. There will also be more questions in this Test, providing a real challenge of driving knowledge.

For those interested in developing new driving skills and improving old ones, the program will show how to apply defensive driving techniques to new and different traffic situations.

A self-scoring sheet is added below for Y-12ers' convenience.

**Struxness Is Lecturer In Health Physics Series**

E. G. Struxness, Health Physics Division of Oak Ridge National Laboratory, will be the lecturer this week for the HP series. He will speak on "Problems of Radioactive Effluents."

The lecture is set tomorrow, Thursday, May 19, in the conference room of ORINS Medical Division Building, located at East Vance Road, Oak Ridge. All interested parties are invited. The series begins at 7:30 p.m.



Riders wanted from south Knoxville (Chapman Highway, Island Home section) via Western Avenue to any portal, straight day. W. H. Sherrod, plant, phone 3-7077, home phone 577-0295.

**OFFICIAL TEST FORM**

**THE NEW 1966 NATIONAL DRIVERS TEST**

**TUESDAY, MAY 24TH, 10-11 P.M. EDT ON THE CBS TELEVISION NETWORK**

Over 50 million people watched the first National Drivers Test last year.

Now you can try to improve your first-time score and, more importantly, your driving skills.

Compare your answers with those of a studio audience of motorists, with friends' and family scores, and with correct answers provided by expert drivers and consultants.

Be sure not to miss the new 1966 National Drivers Test on May 24th. Make a note of the date on your calendar today. That's *May 24th, the Tuesday before the Memorial Day Weekend.* (Consult your newspaper or TV Guide for local time and channel number.)

Fill in blanks with T or F (True or False), Y or N (Yes or No), A, B, C or D (multiple choice), or appropriate word. Opinion questions are not scored.

- |                              |                              |
|------------------------------|------------------------------|
| 1. <input type="checkbox"/>  | 13. <input type="checkbox"/> |
| 2. <input type="checkbox"/>  | 14. <input type="checkbox"/> |
| 3. <input type="checkbox"/>  | 15. <input type="checkbox"/> |
| 4. <input type="checkbox"/>  | 16. <input type="checkbox"/> |
| 5. <input type="checkbox"/>  | 17. <input type="checkbox"/> |
| 6. <input type="checkbox"/>  | 18. <input type="checkbox"/> |
| 7. <input type="checkbox"/>  | 19. <input type="checkbox"/> |
| 8. <input type="checkbox"/>  | 20. <input type="checkbox"/> |
| 9. <input type="checkbox"/>  | 21. <input type="checkbox"/> |
| 10. <input type="checkbox"/> | 22. <input type="checkbox"/> |
| 11. <input type="checkbox"/> | 23. <input type="checkbox"/> |
| 12. <input type="checkbox"/> | 24. <input type="checkbox"/> |

- |                              |                              |
|------------------------------|------------------------------|
| 25. <input type="checkbox"/> | 38. <input type="checkbox"/> |
| 26. <input type="checkbox"/> | 39. <input type="checkbox"/> |
| 27. <input type="checkbox"/> | 40. <input type="checkbox"/> |
| 28. <input type="checkbox"/> | 41. <input type="checkbox"/> |
| 29. <input type="checkbox"/> | 42. <input type="checkbox"/> |
| 30. <input type="checkbox"/> | 43. <input type="checkbox"/> |
| 31. <input type="checkbox"/> | 44. <input type="checkbox"/> |
| 32. <input type="checkbox"/> | 45. <input type="checkbox"/> |
| 33. <input type="checkbox"/> | 46. <input type="checkbox"/> |
| 34. <input type="checkbox"/> | 47. <input type="checkbox"/> |
| 35. <input type="checkbox"/> | 48. <input type="checkbox"/> |
| 36. <input type="checkbox"/> | 49. <input type="checkbox"/> |
| 37. <input type="checkbox"/> | 50. <input type="checkbox"/> |

**OPINION (NO SCORE)**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**TOTAL SCORE**

The new 1966 National Drivers Test is produced by CBS News, with the cooperation of the National Safety Council, presented by the Shell Oil Company.

