

Union Carbide Presents Chicago Museum With Hall Of Elements Depicting Miracles

Exhibit Contains Two-Story, Full-Scale Model Of Nuclear Reactor, Other Scientific Displays

One of the largest exhibits ever prepared to bring the public up to date on the new miracles achieved in the world of science has been presented by Union Carbide Corporation to the Museum of Science and Industry in Chicago. Entitled the "Hall of Elements," and completing filling one of the Museum's biggest two-story exposition areas, the exhibit features an animated presentation of the 103 known elements. Dramatized three-dimensional atomic models explain how each element differs in structure and physical properties.

Participating in the unveiling, which took place last month, was Birny Mason, Jr., president of Union Carbide. Formally accepting for the Museum was Lenox R. Lohr, president of the museum. A dinner attended by several hundred of the Midwest's leading scientists, educators, and business and civic figures followed the dedication ceremony. Dr. Glenn T. Seaborg, Chairman of the United States Atomic Energy Commission, made the principal address.

Among the scores of spectacular

display units in the Hall of Elements is a two-story, full-scale model of a nuclear reactor, which climaxes the story of the element, uranium. Spectators view the operation of the reactor from a platform surrounding its rim. Every phase of the reactor's operating cycle is demonstrated.

Another feature is a cutaway model of a modern chemical plant constructed with the processing units exposed. Visitors can watch a simulated flow of various compounds through a complex network of cracking furnaces and processing equipment to emerge as products used by many industries. By pushing buttons spectators can alter the course of these chemicals through the plant so that different reactions occur.

Bricks That Float

Visitors will have an opportunity to see scientific experiments performed in a large demonstration section, especially built for this purpose. Typical of the experiments to be held in this area is one using bricks which have been treated to float in

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Y-12'S OLD-TIMERS GATHER at the September 28 party at the Holiday Inn, Oak Ridge, to recognize newcomers to the old-timers group. From left are S. Finley Creigh (31 years); Y-12 Superintendent Robert G. Jordan; UCNC Vice President C. E. Larson; Tennyson I. Sloan (25); Daniel H. Rader, Jr. (31); Manager of Production John P. Murray (30); Harold B. Davis (31); Martin L. Nygard (35); and David W. Harrigan (27).

Six Y-12 Veteran Employees Saluted Recently In 'Old-Timers' Night For Four UCNC Plants

Tennyson I. Sloan Receives 25-Year Watch For Silver Anniversary With Only Company In Employment History

The Old-Timers' Dinner, held Thursday September 28, saw six Y-12ers present, representing a culmination of 180 years company service. In special ceremonies, Tennyson I. Sloan received his watch as a new addition to the select group. "Old-Timer" is taken by Union Carbide Corporation as the milestone of 25 years or more of company life.

Sloan was presented his watch by Union Carbide Nuclear Company Vice President Clarence E.

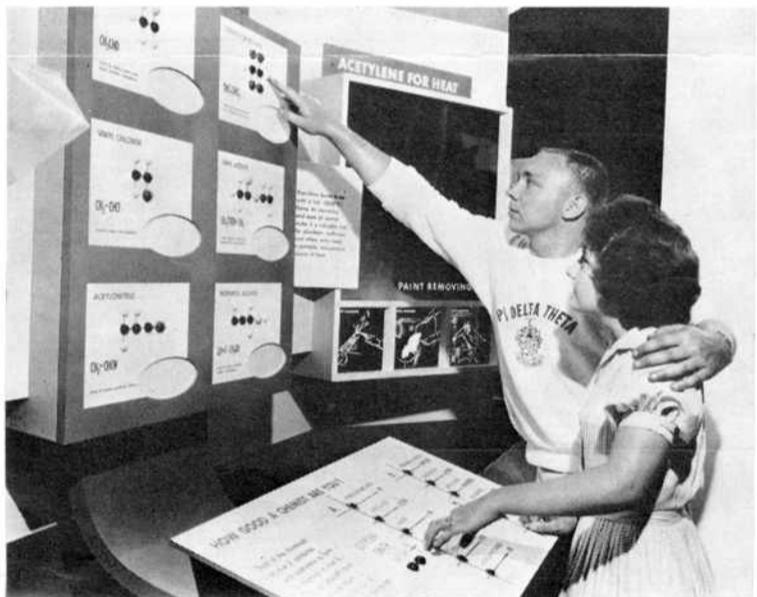
Larson. His 25th anniversary was noted in the Bulletin as August 31 marked his silver birthday at UCC. He began employment with the National Carbon Co., Cleveland, Ohio. Since he was only 18 at the time, Carbide is the only company for which he has ever worked. Sloan presently lives at Route 23, Knoxville, in the Hardin Valley community. He is a Machine Specialist in Beta Four's Heavy Machine Shop.

Other Y-12ers attending the affair were:

Martin Nygard

"Granddaddy" of them all, service-wise is Martin Nygard, Z Area and Dispatching, who began working with the American Carbide Co., Duluth, Minn., then the Electro Metallurgical Co. (now Union Carbide Metals Company). His Carbide days began April 16, 1926 . . . and only this year he passed his 35th year with the company. He came to the Oak Ridge Gaseous Diffusion Plant in March, 1944 and transferred to Y-12 June 1,

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"WHAT HAPPENS WHEN I COMBINE ACETYLENE with this element?" These college students test the automatic compound-finder in Union Carbide's giant exhibit of science miracles at the Chicago Museum of Science. The exhibit, said to be the largest ever of its kind, was dedicated in ceremonies last month. Birny Mason, Jr., president of Union Carbide Corporation, presented the displays to the museum.



"URANIUM LAND," a THREE-DIMENSIONAL presentation of the mining and milling of uranium, is one of the many features of the exhibits given to the Chicago Museum of Science and Industry by Union Carbide Corporation. The "Hall of Elements" opened last month, and includes a two-story operating model of a pool-type nuclear reactor. Y-12ers would find a wealth of information in the museum.

New Record Set By Y-12 For Drive

Y-12ers have proved themselves in the forefront of the fight community-wise by upping their contributions to the Central Fund this year by more than 11 per cent! Without even being asked to increase contributions, generous employees have set a new plant record. The combined plant drive for the Community Chest-Red Cross fund netted a total of \$36,626.10 for this year!

This final figure exceeds last year's total of \$32,899.60 by more than 11 per cent. There were noted increases in contributions in every division and department contributing!

Breakdown in the final tabulations shows the bulk of the fund going to the Anderson County Chest-Cross fund. Increases were noted also in the other three county contributions, and Loudon County, making its first appearance on Y-12 lists, netted \$340.50. The total 1961-62 money is distributed as follows:

Anderson	\$21,713.00
Knox	9,411.85
Loudon	340.50
Morgan	541.50
Roane	4,619.25

D. H. Rader, Y-12's chairman for the drive, grinned his satisfaction with the success of the effort. "Just turn Y-12ers loose, they can do anything. Of course, Bennie (H. N. Benninghoff) did a fine job of auditing and keeping up with the money daily." He continued, "The real credit goes

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CONGRATULATIONS, TED! Union Carbide Nuclear Company's Vice President C. E. Larson extends a hearty handshake to Tennyson I. Sloan, welcomed into the "old-timers" group. Sloan celebrated his 25th anniversary recently with Union Carbide.

Accountants Have First Meeting Tuesday Night

Next Tuesday, October 17, has been selected to open the Knoxville-Oak Ridge Chapter of National Association of Accountants meetings. The regular meeting place at the Dwarf Restaurant is announced, with dinner starting at 6:30 p.m. The restaurant is located on the Clinton-Knoxville highway.

Featured speaker of the evening will be L. B. Raisty, vice president of the Atlanta Federal Reserve Bank, Atlanta, Ga., who will speak on the "Current Economic Outlook." Members and guests are invited to attend this meeting.

SAFETY SCOREBOARD

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

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Post Office Box Y
Oak Ridge, Tenn.

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Metals Society Plans Educational Series

Vacuum Techniques Is Subject For Meetings

The Oak Ridge Chapter of the American Society for Metals announces its education series of technical meetings tonight and Thursday, October 11 and 12 at 7:30 p.m. in the Oak Ridge Institute of Nuclear Studies Auditorium.

Featured tonight will be "Introduction to Vacuum Techniques," by R. O. Williams, of Oak Ridge National Laboratory's Metallurgy Division. This will cover the definition of terms, merits of vacuum versus other environments, and gas theory. Also highlighting tonight's program will be "Vacuum System Design," by C. B. Sibley, or the NRC Equipment Corp. Newton Highlands, Mass. He will discuss the design of construction of the vacuum systems.

Thursday's program will consist of talks on "Measurement and Leak Detection Instrumentation and Techniques," by C. E. Normand, of ORNL's Thermonuclear Division; and an address on "Ultra High Vacuum Systems," by N. S. Carter, Stanford University, Stanford, Calif.

Members and guests are invited to these series on vacuum techniques.



Three Riders wanted from Norwood section of Knoxville to Central Portal, J Shift. J. F. Vance, plant phone 7515, home phone Knoxville 689-4695.

Riders wanted from University and Sutherland Avenue area, Knoxville, to North or East Portal, straight day. M. P. Edwards, plant phone 7-8759, home phone Knoxville 584-1324.

Riders wanted from West Haven section, Knoxville, to West or Central Portals, straight day. Bill Clark, plant phone 7-8773, home phone Knoxville 525-1365.

Car pool members wanted from Chapman Highway area, Knoxville, to East Portal, straight day. Edith Cruze, plant phone 7197, home phone Knoxville 577-6238.

Ride wanted from 7712 Nubbin Ridge Road or Vicinity of Rocky Hill School, Knoxville to West or Central Portal, straight day. H. M. Jeffreys, plant phone 7-8244, home phone Knoxville 588-8425.

Riders wanted from Cumberland Estates section, Knoxville, to any portal, straight day. S. S. McElhaney, plant phone 7-8894, home phone Knoxville 588-7269.

Ride wanted from Pleasant Ridge Park section, Knoxville, to Central or North Portal, straight day. C. K. Heisey, plant phone 7191, home phone Knoxville 525-5401.



BETTER WAIT THAN NEVER!



Tomorrow, October 12, is Columbus Day. If old Chris could actually see this country now 469 years later, he would have some tall tales to tell old Queen 'Bella, wouldn't he?

Let's nose around Y-12 to see if there are any tall ones going on here, mainly in—

TECHNICAL

Congratulations are being wafted down in Metallurgical Development to Paul Evans and his wife in the birth of their second daughter, Gwen Ellen, who put in her appearance September 19, at the Oak Ridge Hospital.

Mechanical Inspection has B. B. Stanton vacationing this week, but no more details than that.

If the space age doesn't do anything else . . . it sure took care of that old saw about "what goes up" didn't it?

MAINTENANCE

Research Services tells that B. A. Hicks planned to spend part of his vacation in Detroit, Mich. . . . M. Baillies planned to get in some world series watching on his time off . . . Get well wishes are speeded to S. H. Inman, ill in the hospital . . . Deepest sympathy is extended Milt Settle in the recent death of his brother . . . Congratulations go out to L. Daugherty on the birth of his daughter, Sheila Ann, on September 21 in the LaFollette Hospital. Both mother and little Sheila doing fine!

Electrical is sending condolences to Jo Phelps on the recent death of her aunt . . . Get well wishes are speeded to F. B. Parrott . . . B. I. Scott will be vacationing in Miami for a while and then in the hills of West Virginia . . . B. F. Hayes will be fishing the lakes of East Tennessee this week . . . C. E. Phillips enjoyed his stay at home and planned to do some bear hunting . . . D. A. Jennings and Sam King vacationed at home last week.

Sign seen outside a vet's office: "Hospital Zone—No Barking!"

INDUSTRIAL RELATIONS

Get well wishes are speeded to F. L. Ruckart's son, ill in the University of Tennessee Hospital; also to L. A. Litton's son, who had an emergency appendectomy recently. The Guard Department also has Captain Woodard "down in the back" and get well wishes are sent him . . . Capt. J. H. Shoemaker and Lt. E. M. Hunnicutt are vacationing this week in parts unknown.

The Cafeteria has Tommy Goss off last week relaxing in front of a T.V. screen watching the (you guessed it) world series . . . Next week Frankie Goss will be off, and plans to attend a church conference in Knoxville . . . The big news from the eating establishment, however, is that Verna Peckman and Paddy paddled up to Cincinnati to see THE games in person, mind you!

Employment is welcoming in Ann Hill with a big grin, but then remembers that Jane Klobe is leaving to join her husband who has accepted employment with Carbide elsewhere.

From Recreation it's told that Bob Cantrell is taking it mighty easy at home, mindful that these chilly nights are cutting down on the grass cutting.

Benefit Plans had Margaret Cook on vacation last week, with a planned trip down to Birmingham to visit relatives in the making.

Fishing has never been considered a branch of the medical arts, but it sure can cure ills that pills can't touch.

FINANCE AND MATERIALS

Best wishes are extended to Beverly Domer of Property who is terminating Friday to assume household duties at home . . . The Mail Room has Margaret

Anderson vacationing in Roanoke, Virginia.

Engineering Services went all out for vacations, too . . . Ann Fitzgerald went to Nashville . . . T. R. Gadson just stayed glued to the television screen watching the Cincinnati-New York tilts . . . Timekeeping tells that J. A. Shell went out west to parts around Galveston, Texas.

Rubye Lucas, Cashier and Travel, decided to travel some herself this time, and is visiting relatives in South Carolina.

Vacationing this week also in Sarasota, Fla., are Pearl Lindsay, Reproduction, and her husband, Sam, of the General Machine Shop.

There are two kinds of egotists . . . those who will admit it, and the rest of us.

MECHANICAL OPERATIONS

Special Mechanical Production tells that over in F Area, it's G. R. Goins off on one of those "nobody knows where" vacations.

There's a bunch of sick boys down in Beta Four's Heavy Machine Shop . . . Homer Day and P. H. Stewart are both off with ailments . . . J. C. Montgomery is still sick, but is home now recuperating . . . L. P. Stevens heard that cleanliness was next to godliness but in trying to find out got an ungodly fall and nearly killed himself in the bathtub. Get well wishes to all . . . J. E. Barton and Jesse Johnston are on quickie vacations and E. F. Gibson is on vacation at home . . . Another "home" vacationer is E. R. Watkins. We're happy to report that C. F. Butler is back in the shop . . . Another big, big welcome to Mozelle Kennedy, working in the office for A. E. Perry. Most Y-12ers will remember Mozell as working in Industrial Relations some years ago.

Down in the General Machine Shop it's a few vacations . . . Charlie Viar going fishing on Watts Bar . . . Ralph Lawson staying home to catch up on chores, and watch the series if it is still in progress . . . H. L. Howell is going to stay home and just rest . . . Grady Nichols is going to get in some fishing and camping . . . L. C. Bell is going to stay around home in Clinton . . . S. W. Lindsay went off to Sarasota, Fla. to visit his daughter . . . W. C. Crowe is attending a National Singing Convention in Memphis, Tenn. News from the Crowe household is that he recently received his ham radio licenses, of which he is very proud.

Actually, most women keep secrets as well as men. It just takes more women to keep them.

SHIFT SUPERINTENDENTS AND UTILITIES

Up on the hill in the bossuss office, it's learned that Mildred Kidwell hiked to Mt. LeConte last week-end. When asked what it looked like, she stated "Just another mountain—one side looked just about as bad as the other."

Utilities has P. D. Duke visiting relatives in Camden, Ala. . . . E. E. Robertson is mighty busy putting in a new oil furnace during his vacation . . . better hurry, old man! . . . K. E. Thomas took his vacation to watch you-know-what on TV . . . D. W. Woody is visiting his ill brother in Nashville. Best wishes for a speedy recovery are sent that way . . . K. E. Caughron visited relatives in Cosby, Tenn. recently . . . D. Stevens visited relatives in Jellico, Tenn. . . . Scotty Elsbree, his mother and brother, are visiting in Powanda, Pa., also planned to



Mr. and Mrs. Cleon S. Hartman



HARTMAN-DUNLAP

Of interest to Y-12ers was the September 30 marriage of Patricia Bonney Dunlap to Cleon Smith Hartman. Both the bride and groom are employed in Y-12, she in Employment and the groom in Wage Standards.

The new Mrs. Hartman is the daughter of Mr. and Mrs. W. H. Bonney, 101 East Damascus Rd., Oak Ridge. Mr. Bonney is in Y-12's Beta Four Assembly. The groom is the son of Mr. and Mrs. Orel C. Hartman, Route 17, Knoxville. His father is in the Mail Department.

For her wedding the bride chose a ballerina length dress of blush pink peau de soie, fashioned with a portrait neckline with an insert of reembroidered Alencon lace. The bell shaped skirt was gathered in a self bow trim. Her flowers were a cascade arrangement of stephanotis, pink sweetheart roses, centered with a white orchid.

Maid of honor was Miss Evelyn Louise Bonney, Oak Ridge, sister of the bride. She wore a sheath dress of Grecian rose satin with a round neck and short sleeves, fashioned with a detachable overskirt. Her flowers were an arrangement of happiness roses.

Mr. Orel Hartman was his son's best man. Ushers were Earl C. Fox, Knoxville; Jack Hartman and Jerry C. Houser, Oak Ridge; and Fred M. Hartman, Greeneville, Tenn.

A reception honoring the couple was held in the Church Fellowship Hall immediately following the ceremony.

The wedding was held at the Beaver Ridge Methodist Church, Knoxville, with the Reverends W. H. Dail and J. W. Duck presiding.

The bride's mother wore a blue lace gown over beige satin, with a white orchid corsage with matching accessories. Mrs. Hartman wore a cerise lace and chiffon dress also with a white orchid.

The groom is an alumnus of East Tennessee State College, and the University of Tennessee where he was a member of Pi Kappa Alpha Fraternity. He is active in the Oak Ridge Junior Chamber of Commerce.

Serving at the reception were Mrs. Jerry C. Houser, and Mrs. Devane Chapman, Oak Ridge; and Mrs. Earl C. Fox, Miss Elizabeth Bailey, Miss Anne Guinn, and Mrs. Don Beeler, all of Knoxville.

The couple is at home at 126 East Arrowood Road, Oak Ridge.

Carbide Sponsors College Course In Early Morning

Union Carbide is co-sponsoring the new College of the Air program, viewed locally over WBIR-TV, Channel 10, Knoxville. Started last month, the first quarter will feature as its first course "The New Biology," instructed by Dr. Ray Koppelman, prize-winning assistant professor of biochemistry at the University of Chicago.

College credit can be obtained from the course at home, according to officials at the University of Tennessee.

Travellers Have No Wings Saturday

Y-12ers "going somewhere" Saturday afternoon had better walk, take a train or drive an auto. The Cashier and Travel Office says that all air-lines will be grounded Saturday, October 14 from noon until midnight. This is part of the "Sky Shield II" test, which involves the continental United States, Canada and Alaska. The exercise is under the direction of the North American Air Defense Command.

go by Niagara Falls, New York City and then dash over into Canada . . . O. F. Jordan, it is understood, is buying specials at French's Market to stock his store over at New River . . . B. L. Fain just stayed around home vacationing.

It is frequently pointed out that people rushing to the scene of an accident right after it happens just get in the way. Even more troublesome are the people who are rushing to the scene of an accident just before it happens. Before anything happens, let's get outta here!



OAT WEBB RECEIVES HIS FIRST retirement check from J. W. Ebert, left, superintendent of Maintenance Division. Don Hill, supervisor of Webb's Research Services Department, looks on approvingly at right. The well-liked Webb retired September 29 with more than 14 years company service.

6-10717



WOMEN ALL SAY, "When did I gain all that weight? . . . Men say, "Where did I lose my hair?" . . . but George Reese says, "Where did all my freckles go?" This ancient photo (made in 1948) recently turned up behind a desk in The Bulletin office. It concerns George's pets, Laddie, a dog; Christopher, a cat; and Oscar, a squirrel, all of whom were friends. The then 13-year-old George lost his freckles, his dog, his cat, and his squirrel. He is in Civil and Architectural Engineering. (The editor promises NOT to dig any further in old photographs!)

Safer Hunting If Rules Are Obeyed

Managed Hunts Bring Out Rules Infractions

One of the highlights of the hunting year in this section is the big game hunts at Tellico Wildlife Management Area when the mighty bear and boar take to the underbrush to outrun the wary hunter.

From the very number of hunters who annually participate in this unique form of hunting, it is safe to say that most of them really enjoy the part hunts. However, each year there are a few whose hunt ends with a trip to the local judge's office for some infraction of the game and fish regulations of the state. Since ignorance of the law is among the less plausible of acceptable excuses, the following information may be of value to hunters not familiar with rules within the wildlife area.

No Loaded Guns In Car

Number one on the list of broken regulations according to the district enforcement supervisor, is that of carrying loaded guns in the car. While this regulation clearly states that firearms with ammunition in either the chamber or magazine is considered a loaded weapon, many hunters are fined each year for carrying loaded guns in their vehicles.

Number two on the most oft broken rule ledge is the regulation that states "No hunt participant shall be under the influence or in possession of any alcoholic beverage while within the management area." Officials do not enjoy putting a damper on the spirits of any hunter, but for obvious reasons, this regulation must be enforced.

The third most heard violation is the hunter careless with his gun. Despite the fact that all party hunts are preceded by safety talks stressing the importance of proper gun handling, some hunter permits are canceled due to careless gun handling.

High on the list, also, is the rule that hunters must check in and out of the area at the checking station designated on their hunt permit and may enter and leave the area only once each day. Violation of this check-in, check-out procedure is truly the mark of a thoughtless hunter.



TWO Y-12ERS WITH THEIR RIFLE TROPHIES are Dave DeWalt, Engineering; and Bert Searles, Mechanical Inspection. The two riflemen won special awards for their fine shooting at the Anderson County Gun Club meet held in Clinton in the late Spring. The tournament was sponsored by the National Rifle Association in association with the National Industrial Recreation Association.

Basketeers Ready For '61-62 Season

Recreation has put out the call to arms for basketball players throughout the plant to initiate the winter sports season. Already two teams (prospective teams that is) have hit the hardwood in practice.

Organizational meetings will be called shortly for lining up the basket loops within the Y-12 area. Meanwhile several hopeful captains are recruiting future stars from the ranks of basketeers.

Last year 12 teams participated in the Carbide Basketball League, pitting Y-12 players against players from Oak Ridge Gaseous Diffusion Plant.

Riflemen Offer Free Course

'Sighting-In' At Knox Club This Saturday

Big game hunters will be interested in instructions to be given this week-end by the National Rifle Association. Members of the Volunteer Rifle and Pistol Club have gone all out in a program to help East Tennessee big game hunters perfect their art. October 14 and 15 have been designated as sighting-in-days for the hunters and the Volunteer range near Fountain City will be open during these days for all hunters.

No registration or range fee will be charged for use of the club's range facilities during the sighting-in-days and targets will be furnished free of charge by the club. However, guests will be expected to bring along their own ammunition. Master and expert riflemen will be in charge of the range during the sighting-in-days and such expert help will be on hand daily Saturday and Sunday from 9 a.m. until 4:30 p.m.

All hunters desiring to take advantage of this special service should contact Henry W. Curtis, club secretary, in Knoxville.

Geese Arrive Early At Hiwassee Island

The early arrival of geese at the Hiwassee Island Waterfowl Refuge portends a long, hard winter, according to old-timers. But to Arnold Aslinger, refuge manager, the early arrivals indicate that Tennessee sets a good table to attract and hold winter visitors.

Some 42 Canada geese arrived at the poular refuge on Chickamauga Lake last month to take up their winter residences. This is the earliest arrival date of the big birds in history, coming one day ahead of last year's visitors.

Florida Naturalist At Audubon Society

The Oak Ridge Conservation Club in conjunction with the Audubon Society will present Robert C. Hermes, Homestead, Fla., tonight in its first meet of the season. Hermes will narrate his film "Animals at Home and Afield."

Admission to the event is 75 cents for adults and 35 cents for students. The lecture is slated for the Jefferson Junior High School, Oak Ridge, at 7:30 p.m. Season tickets for the society's entire season are still available.

B&B Season Open In East Tennessee

The first half of Tennessee's split season on boar and bear got under way Monday, October 2, according to officials of the State Game and Fish Commission. Dates for the two popular big game species are from October 2 through 25, and December 4 through 9, 1961. Bear may be hunted in Blount, Monroe, Sevier, and Cocke counties in East Tennessee, while wild boar hunting is confined to Monroe and Blount counties only.

C Shift Rodeo Set At Blue Springs

Tomorrow, October 12 is the big day for C Shiftmen as the Fishing Rodeo starts at 12:01 a.m. at Blue Springs Dock on Watts Bar Lake. Prizes include a tent, sleeping bag, tackle box, fly rod, boat seat and Scotch cooler. Awards will be given in the bass, crappie, sauger pike, and striped bass classes; also a door prize will be drawn for.

All Y-12ers, either C Shifters or otherwise, are invited to participate in the fall affair.

Carbide Takes To TV For Fall And Winter

The familiar Union Carbide Corporation hexagon will be seen many times on television this fall and winter. Among the 13 network productions Carbide is participating as sponsors are "Adventures in Paradise," "Surfside 6," "Laramie," and the "NCAA Football Pregame Warmup," all seen locally.

Deer Will Be Fat For Winter Kills

Central Peninsula deer hunts are already over-subscribed, but there's good news for those who will draw places in the popular event. Tennessee Game and Fish Commission officials reveal that the Central Peninsula deer herd is in very good condition and that this year's buck harvest should be about the same as that taken last year, when 250 bucks were checked out of the area. Officials state that this year's crop should outweigh any taken in recent years, however.

Due to the reduced population of the deer herd and the stepped up browse improvement program now in effect, the average weights of this season's deer should be in the 130 pound class as compared to last year's average of 110 pounds.

One reason there's no fool like an old fool is that he's had more practice!

Y-12ers With 15, 10 Years Company Service

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

15 YEARS
Jesse C. Sims, Utilities, October 12.

10 YEARS
Windell L. Nelson, Area Five Maintenance, October 11.

Odine C. Axley, Research Services, October 12.

Donald C. Hunt, Research Services, October 15.

Roy E. Ballew, Steam Plant, October 15.

Henry L. Finn, Process Maintenance, October 15.

Paul R. Schultz, Research Services, October 15.

Jake Y. Burchfield, Steam Plant, October 15.

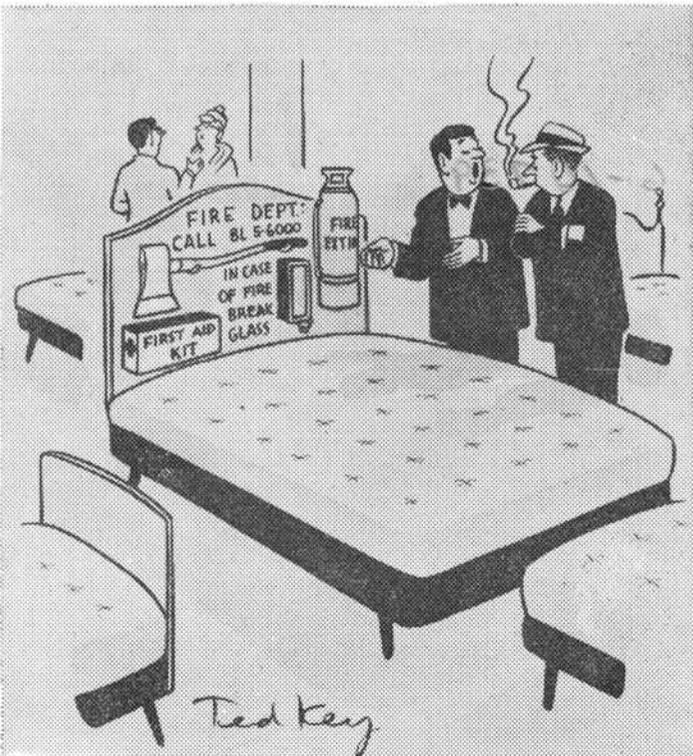
Everett N. Rogers, Mechanical Inspection, October 15.

John L. Crossno, Sr., General Machine Shop, October 15.

Perry W. Bullard, General Machine Shop, October 15.

Clarence V. Taylor, Production Control, October 15.

Apologies to Charles C. St. John, Research Services; and George R. Patterson, Jr., Radiation Safety, whose 15-year anniversary passed September 29 and October 1 and were inadvertently omitted from this column.



National Board of Fire Underwriters

"NOW FOR THOSE WHO PREFER TO SMOKE IN BED . . ."



"Good news, Turner, starting next month your take-home pay will exceed your deductions!"

Recreation Taking Annual Fish Entries

Due to several telephone inquiries the Recreation Department advises that there is no current quarterly fishing rodeo in progress. Only spring and summer rodeos are conducted on a quarterly basis.

Entries are still being received, however, in the annual fishing rodeo . . . and will be taken on through the dead-line of January 15, 1962. Only fish caught through December 31 are eligible for entry in the 1961 contest.

Classified documents should not be left unattended.

6-10740

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Y-12er's Son Serves SAC At Lincoln AFB

Visits Parents On Recent 15-Day Leave



A/2C James McKinley

Visiting his parents recently on a 15-day furlough was James McKinley, son of Mr. and Mrs. James McKinley, Route 1, Philadelphia, Tenn. His father is in Y-12 Production Inspection Department.

Airman McKinley is a graduate of Loudon High School, and also attended the University of Tennessee, where he was a business administration major. He was a member of the ROTC band at U.T. and was a drum major at Loudon High.

His basic training was obtained at Lackland Air Force Base, in Texas, and his tour of duty also includes Lincoln Air Force Base, Nebraska, where he is presently stationed.

Young McKinley is a member of the 98th Bombardment Wing in the Strategic Air Command.

ORCMA Concert By Chattanoogaans

Oak Ridge Civic Music Association will present its first concert of the year with the Chattanooga Symphony Orchestra, directed by Julius Hegy. The concert is scheduled for Sunday, October 15, at 8:15 p.m.

The Chattanooga musicians have chosen Mendelsohn's Scotch Symphony, Six Roumanian Folk Dances by Bela Bartok, Jacques Ibert's Ports of Call, and Georges Enesco's Roumanian Rhapsody to entertain Ridgers. The symphony orchestra is slated for its appearance in the Oak Ridge High School, Oak Ridge. Tickets may be obtained at the box office.

ORNL Seminar To Be Held On Ag And Cd Neutrons

The Physics Division of Oak Ridge National Laboratory announces its next seminar for Friday, October 20 at 3:15 p.m. in the Central Auditorium of ORNL's 4500 building.

K. Nishimura, of JAERI, Tokyo, Japan, will discuss "Gamma Rays from Neutron Inelastic Scattering in Silver and Cadmium." Technical personnel interested in the seminar are invited to attend.

Career Day Set By Metals Society

Saturday, October 14, has been chosen by the Oak Ridge Chapter of the American Society for Metals and the Department of Chemical and Metallurgical Engineering of the University of Tennessee as Annual Career Day.

Program highlights include a lecture, "The Role of the Metallurgist in the Nuclear Space Age," the NASA space mobile exhibit and presentation, films presenting some of the high points of the NASA program, including projects Echo, Tiro, Saturn, and Project Mercury. The high school students, lecturers and teachers invited to the event will finish the day off by attending the UT-Tulsa football game.

While the emphasis of this meet will be on metallurgy, the program has been designed to be of interest to all science and mathematics students.

Five students from all the neighboring high schools have been invited to the annual event.

Chicago Museum

Continued From Page 1
water. Another shows how liquid nitrogen can freeze mercury, which is liquid at room temperature, so that it can be used to drive a nail through wood. A third experiment explains how carbon is used to combine gases to produce electricity in a fuel cell.

In addition, in each of the major exhibits in the Hall the visitor will have an opportunity to test his knowledge or activate a demonstration showing a typical use of the element featured.

Construction Rushed

Museum officials state that the Hall of Elements has been rushed to completion to coincide with the start of the new school year. It is expected that it will be intensively used as a supplementary laboratory by large numbers of high school and college groups from all over the Middle West.

Y-12ers, vacationing in the Chicago area, would be welcome guests at the Chicago museum. Particularly interesting is the cut-away, three-dimension section of uranium mining on the Colorado plateau — demonstrating the mining and milling of this vital element.

New Record Set

Continued From Page 1
to the individual employee who dug down just a little deeper without undue pressure."

The 14 agencies benefiting from the \$21,713 going into the Anderson County Community Chest-Red Cross drive will all directly benefit from Y-12's over-subscription to the appeal.

With the work done in Y-12, and a hearty pat on the back to all, it's "Let's go, the rest of you folks!"

TASTEFUL HARVESTS

About one and one-half million gallons of cod liver oil are gathered each year by Norwegian fishermen.

Follow security procedures.

6 Y-12 Vets

Continued From Page 1
1961. He lives at 105 Poplar Rd., Oak Ridge.

Daniel H. Rader, Jr.

Beginning his employment at Carbide and Carbon Chemicals at South Charleston, W. Va., January 5, 1930 was D. H. Rader, Jr., Superintendent of Shift Superintendents and Utilities Division. A native of West Virginia, Rader came to ORGDP in 1944 and worked there ten years. He transferred to the Y-12 installation in 1954. Rader lives with his family at 114 Plymouth Circle, Oak Ridge.

S. Finley Creigh

Another CCC employee at S. Charleston is Finley Creigh, Shift Superintendent, who began his employment there April 7, 1930. He has worked at Carbide installations at Louisville, Ky.; Whiting, Ind.; and Paducah, Ky., before coming to Y-12 March 1, 1954. Creigh is now living at Route No. 2, Powell, Tenn.

Harold B. Davis

A 31-year Carbider is Harold B. Davis, also hiring in at the CCC plant at South Charleston. He was employed there until coming to Oak Ridge April 1, 1944 at ORGDP. He transferred to Y-12 April 1, 1961. The Davises live at 109 Pickwick Lane, Oak Ridge.

Dave W. Harrigan

Another Shift Superintendents Division man represents the West Virginia contingent of Carbiders in the personage of Dave W. Harrigan. Harrigan began his employment there September 15, 1934. He came to Oak Ridge in March, 1944 in the Oak Ridge National Laboratory (or X-10 as it was called in those days.) He transferred to Y-12 July 1, 1954. The Harrigans live at 113 Sandwood Rd., Knoxville.

Placed end on end, this company service of 180 years would back up time to George Washington's term as President in the early days of America's history. The entire plant congratulates the sixsome on their illustrious record with the company!

'International Atom' New AEC Motion Picture

A film, "The International Atom" is available from the local United States Atomic Energy Commission offices. The new movie was produced by the United Nations Office of Public Information and the International Atomic Energy Agency. Assisting in the production were government atomic energy establishments and private industries in the United States and several foreign countries.

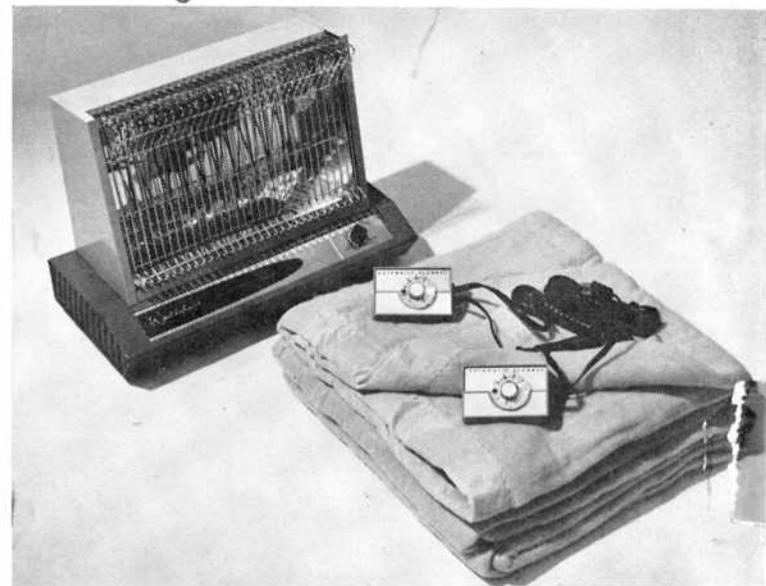
The film, considered useful for junior and senior high schools and adult levels, is available from the AEC's local Film Loan Library.

WHOLE LOT OF SHAKIN'

About a million earthquakes jar the earth's crust each day, most of which, fortunately, are too slight to do much damage.



THE TECHNICAL DIVISION SWEEP the September poster contest as Martin Medved, left, took first prize of a meat slicer. H. G. P. Snyder, a superintendent in the division, presents Mrs. Joe Stewart her second prize of a wall can opener. Mrs. Stewart is the wife of Joe Stewart, Production Analysis. Medved is in Technical's Process Analysis.



THE FINE PRIZES OFFERED in Safety's new poster contest are shown above, an electric wall heater and electric blanket. First prize winner will be given his choice of the awards, and the second prize winner will take the other one. The theme for the current contest is "How to Conduct a Safety Meeting."

Safety Announces New Contest With Bigger And Better Awards

October's Theme Now Open For Entries; 'How To Conduct Safety Meeting' Is Subject

Final contest winners in Safety's current poster contest were Martin Medved, Process Analysis, and Mrs. Joe Stewart, wife of J. H. Stewart, Production Analysis. Both Stewart and Medved are in the Technical Division. First place prize to Medved was a food slicer, and second place winner took a wall can opener. The August contest



MARTY MEDVED'S fine poster entry was the winning one submitted in the August poster contest. For the last of the current contests, Medved won a food slicer. This idea will be used in plant posters during the month of December.

determined the "Safety's Greatest Gift" winners, to be used in December safety campaigns.

Meanwhile, the Safety Department announces a new 12-month contest beginning this month with better and bigger prizes. October's theme, to be used in January, will be "How to Conduct a Safety Meeting." The only change in contest rules is that there is no first and second prizes anymore. The winning contestant will be given his choice of the two awards, and the second placer will take the other one.

All Employees Eligible

All employees in the Y-12 area, including Oak Ridge National Laboratory employees in the area, are eligible to enter, as well as members of the family. The name, department number and building number (the name of the related employee if a member of the family submits an entry) must be shown on each poster idea.

Dead-line in the October contest has been established as October 31. All entries must be in the Safety Office by that date to be eligible for judging.

Old Winners May Enter

All winners in the last 12-months competitions are now eligible to re-enter. They will not, however, be eligible once they win again in the new series. Only members of the Safety Department are barred from the contest.

The Safety Department also reserves the right to modify the sketches or wording after the judging and before use in safety agendas.

Contest A Success

Safety expresses extreme satisfaction with the completion of the poster competition. Also, due to the better awards offered in the new contest, confidence in the success of the new one was voiced.

As many numbers of entries may be made as the employee desires in each monthly contest. Pictures of the awards and winners will be carried frequently in the Bulletin.

Keep your security slate clean.

