

PART OF THE BERYLLIUM CONFERENCE ATTENDANTS are seen between sessions. From left are A. J. Murphy, College of Aeronautics, England; Y-12 Plant Superintendent Roger F. Hibbs; Barney Rubin, Lawrence Radiation Laboratory; Clarence E. Larson, vice president, Union Carbide Nuclear Company; and W. B. Lord, AWRE, Alder-

maston, England. In the center are S. H. Gelles, Kennecott Copper; F. A. Crossley, Armour Research Foundation; and R. H. Raring, National Aeronautics Administration. In the photograph to the right are C. E. Ellis, Atomic Energy of Canada, Ltd.; W. J. Husley, Y-12; A. Moore, AWRE, Aldermaston, England; M. J. Makin, Harwell,

England; Paul E. Wilkinson, Y-12; A. J. Murphy, College of Aeronautics, England, and R. F. Hibbs. The Y-12 sponsored conference was held April 30 and May 1 at the Mountain View Hotel, Gatlinburg, and attracted scientists and development engineers from all over the US and Canada and England.

Fire-Engine Red, Too

Plant Protection Adds Sleek, New Fire Engine To Facilities

There's a new fiery red fire truck in Y-12 that would thrill any child. Adults are not immune to the trim, sleek machine either. It is a thing of beauty.

Now being tested in the Plant Protection group the Ward LaFrance pumper weighs in excess of 12 tons.

Capable of pumping 1,000 gallons of water per minute under 150 pounds of pressure, the pump has already reached a maximum of 1,293 gallons per minute under the same pressure.

Powered by a 270 horsepower Walker-Shaw motor, the new fire engine is equipped with automatic transmission, power steering, and all the push button controls needed to power and control the huge monster. Geared to reach a maximum speed of 55 miles per hour, the vehicle can begin from a standing start and reach a speed of 35 mph in 35 seconds. (Quick take-off is one of the prime requisites of a fire engine, naturally.)

It can screech to a halt quickly, too. Going 20 miles per hour, it can stop on 30 feet of space . . . and can hold on a 20 per cent grade.

Two powerful 110 volt floodlights with extension cords are mounted on the top of the engine. There is 500 feet of one and one-half inch hose . . . 1,500 feet of two and one-half inch hose, with an additional draft hose to provide a boost to the water supply. (There is a strainer on the end of one of the hoses to filter the water added from a creek or river.)

The big flood-lights may be removed from the truck and placed in a more strategic spot.

Capable of seating six men (four in front of the cab . . . and two behind it) the up-to-the-minute fire-fighting equipment has a 500 gallon capacity water booster tank. There is also a 50 gallon tank of concentrated foam and another 50 gallon tank for a penetrant. Each is added to the water stream as a boost to the fire-controlling effect of water.

Test runs are being conducted at the Fire and Guard Department's training building in the West End of the plant.

All that's lacking is a Dalmatian. Does some enterprising Y-12er know where such a dog can be found? (Oh, yes, he has to have a security clearance.)

Y-12 Sponsored Beryllium Conference Held In Gatlinburg, Attracts U.S.-British Scientists

Approximately 100 scientists and engineers interested in the physical metallurgy of beryllium attended the Beryllium Conference in Gatlinburg, April 30 and May 1. The conference, sponsored by Y-12, attracted development engineers from all over the country as well as the United Kingdom.

Twelve papers were presented on the physical metallurgy and structural application of beryllium metal. "Techniques for Zone Melting of Beryllium" and "Basal Fracture of Beryllium Single Crystals" were discussed by M. Herman Ellis of the Franklin Institute. S. H. Gelles and E. D. Levine, Nuclear Metals, Inc., reported on work on the "Characteristics of Vacuum Distilled Beryllium." R. F. Bunshab of Lawrence Radiation Laboratory indicated that important advances had been achieved in the development of ultra-pure beryllium by distillation techniques. The three institutions conducting the research on beryllium discussed in these papers are among the foremost in this field in the United States.

AERE Represented

The Atomic Energy Research Establishment, Harwell, England,



DR. C. E. LARSON, Union Carbide Nuclear Company Vice President, made the banquet address at the Beryllium Conference, held in Gatlinburg. He is here introduced by J. M. Googin, Y-12 Development Division.

was represented by M. J. Makin and N. A. Hill. Of considerable interest was the paper presented by Makin on the "Effects of Neutron Irradiation on the Mechanical Properties of Hot Pressed and Extruded Beryllium."

Four delegates were present from the Atomic Weapons Research Establishment, Aldermaston, England. Alan Moore and G. C. Ellis contributed an informative paper entitled "An Account of Deformation and Fracture in Single and Polycrystalline Beryllium between 20° and 450° C." J. N. Lowe spoke on "The Recrystallization Characteristics of Wrought Ingot Beryllium Sheet."

Many Firms Present

Representatives were also present from Brush Beryllium Company, Beryllium Corporation of America, Ladish Company, Sandia Corporation, the United States Atomic Energy Commission, the

U. S. Air Force, Dow Chemical Company, Armour Institute, and other governmental, commercial and Canadian agencies concerned with the metallurgy of beryllium.

Y-12 Plant Superintendent Roger F. Hibbs made the welcoming address. Dr. C. E. Larson, Union Carbide Nuclear Company Vice President, was the banquet speaker. He was introduced by Y-12's J. M. Googin.

Another interesting feature of the conference was the practical application of the metal in some of the British work in making aircraft components from beryllium.

The conference was held at the Mountain View Hotel, Gatlinburg. It was the first such conference ever held. It concluded with a panel discussion on the future of beryllium research and development.

Conference chairman was Paul E. Wilkinson, Y-12's Development Division.

Red Cross Assisted In Spring Flood Damage

Recent surveys indicated that 270 homes were destroyed in the Spring floods in Ohio, Indiana, Pennsylvania, Virginia, West Virginia, Kentucky, Tennessee, Alabama, Mississippi and Georgia. Another 22,500 were damaged. Over 12,000 persons were sheltered and fed by the American Red Cross, which sent 300 staff workers into the affected areas to help in emergencies and rehabilitation work.

Your support of the Red Cross made this relief work possible. Without grass-root support the Red Cross cannot carry on its vital work.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
12 Days Or
360,000 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through May 12
Phone 7755
For Daily Report
On Accident-Free Hours

Thermonuclear's Beasley Will Hold Seminar

Friday's Physics Division Seminar is announced for Friday as "Recent Theoretical Work on Pion and Nucleon Electromagnetic Structure." Leading the discussion will be C. Beasley from the Oak Ridge National Laboratory's Thermonuclear Division.

The seminar is set for 3:15 p.m. Friday, May 17, in the East Auditorium of ORNL's 4500 building.



NOW BEING PUT THROUGH performance tests in Y-12 is this handsome, fire-engine red Ward LaFrance fire engine-pumper. The 270 horsepower vehicle is the latest addition to the fire-fighting equipment in Plant Protection.

6-11519

The Bulletin

Published Weekly For The
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NUCLEAR COMPANY
Division of



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THINK YOU'RE SEEING DOUBLE? Well, you are . . . twins, that is. The handsome youngsters above are the twin sons of Raymond O. Davis, Area Five Maintenance. Mr. and Mrs. Davis live at Route 4, Harriman. The boys are Larry Dean and Gary Gene Davis, and they celebrated their first birthday April 15 with a cake each!

An oddity about the twins . . . they celebrated two Easters before they were a year old, which is a neat trick for two fine young men.

Other news, singularly, in MAINTENANCE

Research Services is glad to hear that R. T. Guice has made a rapid recovery from surgery and will soon be back at work.

Area Five Maintenance would like to welcome the newcomers, J. T. Jones, W. W. Lee and J. C. Poland. The rest of the plant would like to say "Howdy, men," also.

Get well wishes to C. R. Hudson, convalescing in the hospital in Memphis following surgery.

Electrical reports that A. L. Skaggs spent a leisurely vacation at home and who wouldn't enjoy staying around home with all those beautiful flowers that his wife has in her gardens. It's reported that they are perfectly lovely.

Vacationing at Ft. Benning, Gawgah, was R. J. Spurling. He participated in the Army Rifle Matches there. Hope he did this year as well as last. Remember, the story on him in the Bulletin? (Who can remember that far back?)

Spending his vacation at home with his family was I. F. Cox, whose brother was home recently. Lt. Kenneth Cox is a jet pilot stationed on the USS Kitty Hawk. The brothers Cox planned to do a little fishing a la mountain style . . . and not from the fantail of a carrier, either!

Trying out all the good fishing spots at various and sundry places was V. T. Callaway. It's hoped he really found some good ones.

Reeling in their share of fish recently were Evelyn and C. H. Crockett, Mary Wayne and Joe White up at the Crockett cabin on Douglas Lake. They even had pictures to prove their catches, it says here. (The Bulletin says it ain't seen no pitcher, yet!)

And who is that energetic guy in Electrical who gets up at 5:30 a.m. for a game of tennis before coming to work? He might be interested in signing up for the tennis league. A word of caution, however, there are few Y-12ers who are going to take him on at that hour of day!

nance Shops in the Maintenance Division.

Young Chludzinski graduated from Oak Ridge High School in the class of 1960.

Then there's the one about the baby porcupine who bumped into a cactus plant in the dark and exclaimed, "Oh, excuse me, mother!"

SHIFT SUPERINTENDENTS AND UTILITIES

Vacationing around various parts are E. M. Baird on the lake, fishing from his houseboat. He has as his guest, one of his neighbors who is 87 years young. He also had a birthday dinner for his father on May 5.

Visiting his daughter in Omaha, Nebraska is J. A. Morgan. . . J. L. Chapman, J. L. Messenger and C. E. Welch vacationed, but welched on telling anyone. . . J. L. Hart visited relatives in Columbia, Tennessee.

Scotty Elsbree had as his guest last weekend, his cousin from Tawanda, Pennsylvania and they enjoyed a time fishing.

(Incidentally, someone in the newspaper business asked of the Bulletin recently why names of states are always spelled out in these pages. Take all fifty of them sometime and read them over. They are as pretty and melodic as any sounds on earth. Then you put them together and they spell a dynamic force of grandeur . . . so majestic as to burst the heart with pride. No abbreviating of states' names for these pages, thank you. End of sermon.)

Two girls were overheard talking at the water fountain. "You know, you look like Helen Green," one said.

"I know, dear, and I can't wear blue either," the other came back.

TECHNICAL

Radiation Safety radiates with news of Joe Youngblood, Pearl (she's in Statistical Services) and their pretty young daughter vacationing somewhere in Florida.

Adam may have had his troubles, but then he never had to listen to Eve brag about the other men she could have married!

FINANCE AND MATERIALS

Timekeeping keeps up with vacation news that W. R. Worthington is vacationing at home in Clinton this week.

Congratulations are extended to Noah Ensor, Jr., son of Noah, Sr. (naturally), Property, who recently attended the Regional Elected Delegate Conference for the Explorer Scouts in Pensacola, Florida. While there he stayed at the Air Force Base. . . . Get well

Maola Conner And James Little Are 20-Year Veterans In Y-12

Two more Y-12ers pass important milestones this week as Maola E. Conner, Stores, and James C. Little, Engineering Department, observe china anniversaries (that's 20 years, man!) as Union Carbide veterans. Both came in on the same day, May 17, 1943. Little's badge number of 220 is followed by Maola's of 225, which means he was employed only minutes before.

Maola E. Conner, a native of Lenoir City, is the first woman to cross the 20-year mark as a complete Y-12 veteran. She was educated at Lenoir City High School, Maryville College, Hiawasee College and the Lenoir City Business School.

She had taught school in the Loudon County system before coming here in the early days of World War II.

A member of the Pilot Club, she lives at 501 Fifth Avenue, Lenoir City.

James C. Little, Engineering Department, is a native of Southside, North Carolina. He holds a BS degree in Electrical Engineering from the University of North Carolina, Chapel Hill, N. C.

Little lives at 929 Cherokee Boulevard, Knoxville. Mrs. Little is the former Sarah Burnam, also a native of North Carolina. They have two sons, James C. Jr., and Douglas J.

Other Y-12ers with milestones receive felicitations on anniversaries they are observing with Union Carbide. They are:

15 YEARS

Edward E. Turner, Guard Department, May 21.

10 YEARS

Joseph Delmonte Jr., Chemical Department, May 18.

Virgil T. Callaway, Electrical, May 18.

Arthur I. Johnston, Area Five Maintenance, May 18.

John R. Baumgarner, Area Five Maintenance, May 19.

Naomi T. Hart, Maintenance Division, May 20.

William W. Potter, Electrical, May 20.

Rhea V. Harrell, Dispatching, May 20.



Maola E. Conner



James C. Little

Betty Ward Elected Senior Prom Queen

Reigns At Clinton High's Big Social



Betty Ward

W. C. Ward, Process Maintenance, has every reason to be proud of his lovely daughter, Betty. She was recently elected Queen at the Senior Prom at Clinton High School. The pretty young Ward lass will graduate next month at Clinton.

After completing a one-year term at Midway Junior College, Lexington, Kentucky, from which she was awarded a \$770 scholarship, Betty will go into training for a career in nursing.

The Wards live at Route 4, Crest Drive, Clinton.

Cpl. Chludzinski Back From Laos



Lance Corporal John E. Chludzinski

Visiting his parents after a 14-months tour of duty in Okinawa and Laos-Bangkok is Lance Corporal John E. Chludzinski.

Cpl. Chludzinski received his boot training in Paris Island, South Carolina, and will report to New River, North Carolina for a new assignment after his leave. His parents live at 126 Viking Road, Oak Ridge. His father Marion Chludzinski is in Y-12's Building, Grounds and Maintenance

Playhouse Open House Is Sunday

A joint Open House—General Tryout will be held at the Oak Ridge Playhouse in Jackson Square, Sunday, May 19. Everyone is invited to see the physical plant at the Playhouse and get acquainted with the committee chairmen, members of the board and Director Paul Ebert. On display will be costumes and props used in various plays. Scrapbooks of pictures and information about past plays covering many years will be available for examination. Playhouse workers will be on hand to show those attending the open house the equipment used to stage a play.

Everyone is invited to participate in — or watch — the tryouts which will be held from 8 until 9 p.m. during the open house. These tryouts are for roles in next season's plays and there are parts available for teenagers on up. Plays scheduled for next season are "Blood, Sweat and Stanley Poole," a military comedy; Sidney Kingsley's compelling drama "Darkness at Noon;" a musical "Bye Bye Birdie;" a mystery "Write Me A Murder;" and one comedy yet to be selected. All other willing hands, other than actors, are needed for such tasks as set-building, making costumes, lighting, sound, and the many, many other things necessary to put a play on the stage.

Refreshments will be served on the stage.

Is Pluto Escaped Moon From Neptune?

Pluto, the most distant planet from the Sun, may be an escaped moon of Neptune, a United States astronomer believes. But Neptune still has two other moons.

wishes sent to Ensor daughter Wanda who recently "enjoyed" a tonsilectomy at the Oak Ridge Hospital. . . . Frances Smith is vacationing at home in Oak Ridge this week enjoying a visit with her son who is home on leave from the Navy. . . . T. A. Narrosse is also vacationing at home in Oak Ridge this week.

Microreproduction and Engineering Services has Jim McMaster vacationing last week in Middle Tennessee. . . . Carl Roddy is vacationing this week at home in Knoxville.

The best kind of pride in the world is that which compels a man to do his best even when no one is looking.

INDUSTRIAL RELATIONS

The Fire and Guardsmen of the plant send get well wishes to T. E. Ford's wife, ill in the Harriman Hospital.

It's heard that W. E. "Little Red" Honeycutt is feeling much, much better up there in the La-Follette Hospital. Get well soon, Red.

Show me a man who can laugh well . . . and I'll show you one who knows how to live well!

SPECIAL PROJECTS

It seems the new car fever came along with Spring Fever in Special Projects. Jim Batch is sporting a new sports model . . . a Galaxie hardtop. . . . Frank McGuiness and Bob Bagwell had lesser aspirations . . . they recently purchased new VW's.

On vacation are Curtis Clark and Kermit Vinson. Curtis planned to spend a "restful" week at home and Kermit took in an antique gun show at Chattanooga.

Definition of an antique: An object that wouldn't be wanted by anyone if there were more of it! Let's go to Knoxville.



THERE'S BEEN MORE THAN THE USUAL talk about fishing in and around Y-12 here lately. It's about time everybody either "put up or shut up," so the Bulletin is putting up some of the prize specimens and bountiful catches advertised around the grounds within the past

two months. Just look at some of these dandies. From left, R. B. Johnston, General Machine Shop, is barely able to hold up the titanic largemouth bass he pulled from Watts Bar recently. Next, J. H. Case Jr., Production Inspection, admires his tremendous sauger

pike. L. L. Kilgore Sr., Utilities, demonstrates a banana stalk of crappies, stripes, bass and bream he and son Junior took recently. Finally, William C. Asbury and son (the older Asbury is in Beta Two) demonstrate a recent catch from Norris of 15 bass, and four crappie.

Tennis League To Be Set For Summer

Tennis, anyone? With the balmy days ahead when the livin' is easy that spare tire around the old middle section may begin to expand a little. A good way to keep in trim is to enter the plant tennis league. If enough interest is shown, both doubles and singles will be arranged. A women's league will be initiated also if sufficient interest is shown. Just call Recreation, extension 7109 and get your name in the pot. (If you plan doubles, give your partner's name also). Play should get underway about the first of June.

Tree Planting May Give Added Food

Concern over a diminishing supply of food for wild game in some of our East Tennessee areas has prompted two Sportsmen's Clubs to give Mother Nature a hand. The Tennessee Valley Sportsmen's Club, Knoxville, and its affiliate chapter in Union County have launched a tree planting program to supply more food for our game. So far, under the tree plant plan, the two clubs have purchased and planted some 300 young Chinese Chestnut trees. The small trees, averaging four to five feet in height are expected to start bearing fruit within five years. Planting is being done by the club membership and the first of such plantings were made on the Tellico and Central Peninsula Wildlife Management Areas.

Golfers Will Again Try Wallace Hills

Y-12 duffers will return to the Wallace Hills Golf Course Saturday week, May 25 for their second tournament of the season. Tee-off times will be given out in the Recreation Office, Room 149, Building 9704-2, Tuesday, May 21 at 7:30 a.m. No telephone requests for tee-off times will be taken. Only one man per foursome need show up. He can register for his entire group. Green fee on the Wallace Hills course, Maryville, is only \$2. A total of 144 golfers showed up last month to get the season underway. Recreation is again requesting that tee-men show up at least 20 minutes before their allotted time. The schedule ran so smoothly April 27 that many players could have fired away ahead of schedule if they had been present as requested. The June tournament is scheduled to be held at the Beaver Brook Country Club, Powell.

New Paint Developed With Good Durability

A water-soluble oil-water paint vehicle combining the best qualities of linseed oil paints with the convenience of water-base paints has been developed. Paints using the vehicle have excellent durability, good application properties and the advantages of easy clean-up with water.

Slo Pitch League Begins This Week

12-Team Contest Opened Monday
Lawsy, Sarey, they're a-playin' soft ball already. Pass the popcorn.* The big 12-team Slo Pitch League opens this week with the crack of the bat. (A total of 10 teams hail from Y-12, and two enter from the Oak Ridge Gaseous Diffusion Plant. Listed below are the teams to take part in competition this season. Managers and assistant managers are listed after the teams.
B SHIFTERS — Leon Hensley, J. D. Collins.
TABS — James L. Harris, Jim Moon.
PEONS — Roy Roberts, H. A. Keen.
EAGLES — R. A. Huber, John Pridgeon.
CHEROKEES — Earl Stair, Joe Blanton.
REBS — Jan Buckley, Ray Riggs.
SLIP STICKS — S. K. Delcour, Jack Anderson.
BIG SHOPS — G. F. Manning.
BUNT BOYS — L. A. Underdown, B. L. Tichenor.
E WINGERS — Robert Hagood, W. B. Stephens.
DATA PROCESSING (ORGDP) — George Rymer, Jack Hall.
METS (ORGDP) — Horace Lamberth, P. S. Cates.
Three nights a week, Monday, Tuesday, and Thursday, will occupy the play from this week until July 1 for the first half of league play. Play will be at Pine-wood. Make-up games for rained out ones will be re-set for Wednesdays and Fridays.
*Sarey, if you're outen of popcorn, how about a dip of snuff?

B Shift Planning Rodeo Monday, May 27

The B Shift fishermen are planning a big rodeo at Anderson County Park on Norris Lake, come Monday, May 27. Rodeo hours are the usual 12:01 a.m. until 5 p.m., and registration and docking are free, of course. There is the usual fine array of fishermen's gear for awards in various fighting species from the clearing depths of the TVA's oldest lake. Any Y-12er, except those working, of course, will be welcomed at the B Shift frolic Monday. If that day is an SDO, get the ole Mitchell oiled and come on out. B Shifters will be glad to have you.

Watauga Settlement Was First Independent State

The Watauga Settlement, first independent government of white men in America — free from the British Crown and free from the Colonies — was established in East Tennessee in 1772, four years before the signing of the Declaration of Independence.

Last Call Is Out For Y-12 Putt-Putters

Miniature golfers are still being paged for Summer activities once a week for Y-12. This year's play will be at the Par-Tee Miniature Golf Course at the Driving Range on the Turnpike. There's a new twist added also. Managers at the range state that league participants may purchase a season ticket for only \$5 which will enable them to play both halves of the league session. This will save league players a goodly sum. The usual 35 cents is applicable to non-season ticket holders. (The passes may be used for other than league play, too.) Just call Recreation, at extension 7109, and enter your two-some. There are several gruesome twosomes already entered and they're champing at the bit to get started.



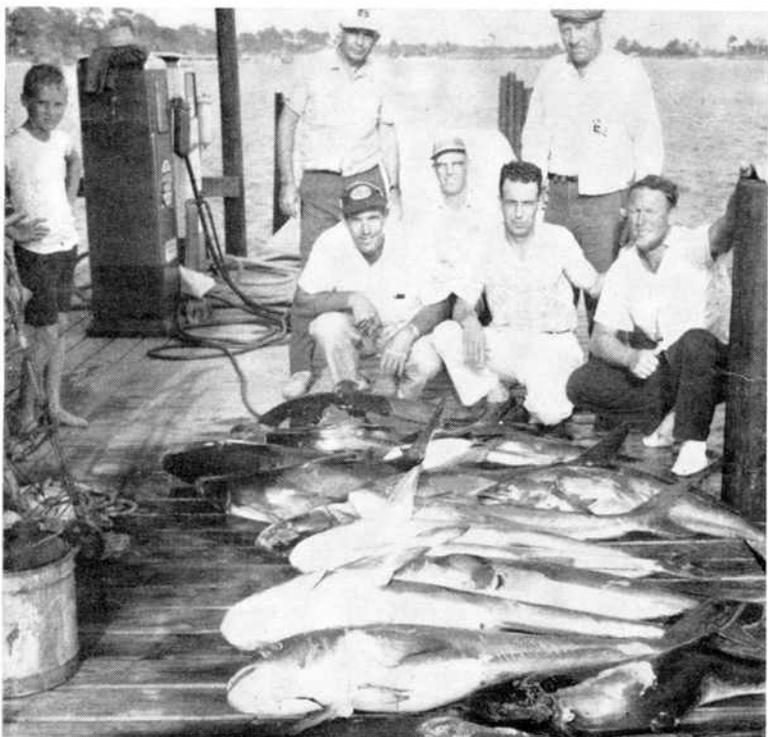
Riders wanted from red light at Karns, on Oak Ridge Highway, to any portal, straight day. Jim Delaney, plant phone 7-8727, home phone Knoxville 588-1296.
Ride wanted from California Avenue section, Oak Ridge, to West Portal, straight day. Donald Legacy, plant phone 7-8426, home phone Oak Ridge 483-3833.

Honors Were Split In Hi Power League

R. J. Spurling Is High Scratcher
Saturday, May 4, the All Carbide High Power Rifle League fired its sixth match of the season . . . with only two more to go. The honors were split up this time with R. J. Spurling not taking everything in sight, as per usual. In standing first honors went to Spurling with an uncompleted 95-2v, in sitting rapid fire a tie between Spurling and Carl Brewster with a score of 98-3v. Prone rapid fire honors went to A. A. Abbatiello with a 99-4v. Spurling took the high scratch score with 291-8v. High handicap totals went to H. F. McDuffie with a 292.508 . . . Spurling's handicap score was 292.200.

Scratch firings:	
R. J. Spurling, Y-12	291-8v
A. A. Abbatiello, ORNL	286-9v
C. G. Brewster, Y-12	283-9v
W. H. Kelley, ORNL	281-8v
H. F. McDuffie, ORNL	273-7v
Bert Searles, Y-12	269-10v
G. B. Marrow, Y-12	255-6v
Hugo Bertine, ORNL	216-0v
Handicap firings:	
H. F. McDuffie, ORNL	292.508
R. J. Spurling, Y-12	292.200
G. B. Marrow, Y-12	288.156
A. A. Abbatiello, ORNL	287.866
C. G. Brewster, Y-12	287.651
H. F. McDuffie, ORNL	286.619
Bert Searles, Y-12	286.599
W. H. Kelley, ORNL	284.532

The next match will be held Saturday, May 25, at the Oak Ridge Sportsmen's Association range at 1 p.m. The final match of the league will be a make-up match for the first one that was rained out. The date for this shoot has not been set yet.



A SCENE FAMILIAR TO MANY Y-12ers is this giant catch of cobias from Skipper LeRoy Walker's "Miss Kathleen." The group caught 1,100 pounds of giant cobia . . . weighing 33 to 58 pounds each. Squatting in front are Emmett Moore, O. F. Jordan, G. A. Atchley and Capt. Walker. Standing are W. G. Hatfield and J. M. Burchfield. This was the sixth annual "trek" for this group. They leave Orange Beach, Alabama, to fish in the warm waters of the Gulf for the big cobias.



TWO Y-12ERS WENT FISHING recently and came back with "the goods." Jim Bryson at left and Jerry Houser at right hold part of the string of crappies they recently pulled from the waters around Blue Springs Dock on Watts Bar Lake. That's their friend Don Cox in the center who went along to help pull the fish off the hooks. Man, what a season for crappies . . . looks like the Game and Fish Commission knew what they were doing when they removed all limits on the fish, doesn't it?

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ASSISTANT PLANT SUPERINTENDENT Jack M. Case, left, gets in on the ground floor readying himself for the dance Friday night. Athala Markland, Accounting and Budgets, prettily posed for the Bulletin with the tickets. (Mr. Case vows he did not paint that picture in the background. We believe him!)

Friday Night Is Magic Time As Y-12 Sets Spring Dance

"The Good Old Summertime" might well be the theme of the big Spring Dance set for Y-12ers Friday night. The door prizes include a giant picnic chest, a charcoal grill, and a chaise longue, two chair set of beautiful aluminum furniture.

Have you purchased your ticket yet? . . . or made plans to attend? The O. J. Bailey Orchestra will be back to provide the necessary rhythm for the merry-making at the Oak Terrace Starlight Room.

Dancing begins at 9 p.m. and goes on until 1 a.m. You'd better either be there early or send someone. Table reservations are not being taken . . . they go on the first-come, first-served basis.

Tickets in advance may be obtained from the cashiers at the Cafeteria, or may be purchased at

the door prior to the shindig.

The tickets cost only \$1.50 each, or \$3 per couple.

The hustle and bustle of Spring should let up a little. A human being has to relax once in a while, and have a good time. So forget that garden-planting, grass-mowing, cleaning and painting up. Come on out Friday, May 17, and let your hair down.

There's plenty of room in the redecorated Starlight Room . . . and there's plenty of fun to be had at the Spring Dance.

Children Grow Up In Spite Of Parents

"Badgered, snubbed and scolded on the one hand; petted, flattered and indulged on the other—it is astonishing how many children work their way up to an honest manhood in spite of parents and friends. Human nature has an element of great toughness in it." . . . Henry Ward Beecher.

Extra Charges Sometimes Included In Payments

In securing loans watch for interest rates, extra charges, and easy payments. It is often to a purchaser's advantage to borrow cash and pay for a major purchase, rather than obtain it on "1,000 easy payments." Free financial counseling is available to members of Y-12's Credit Union.

New Puerto Rico Plant Announced

Plans for the construction of a plant to produce alcohol intermediates in Puerto Rico have been announced by Birny Mason Jr., president of Union Carbide Corporation. The plant will be constructed and operated by Union Carbide Caribe Inc., a wholly-owned subsidiary of the corporation.

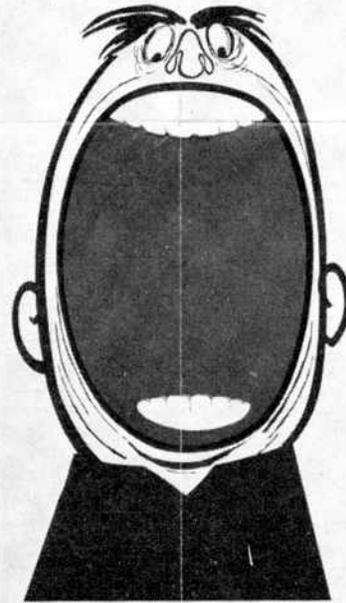
The new facility will be adjacent to the existing ethylene glycols plant of Union Carbide Caribe Inc., near Ponce, on the southern coast of Puerto Rico and will be built at a cost of approximately \$22,000,000. It is expected that the new production units will begin operation during the latter part of 1964.

These new facilities, together with the existing ethylene glycols unit, will represent one of the largest single industrial investments in Puerto Rico and reflects Union Carbide's confidence in the expanding Puerto Rican economy.

It's Cold, Too!

There are more than 100 flowering plants in the Arctic zone, but in Antarctica, an explorer-botanist notes, only three have been found.

THE BIGGEST GAP IN SECURITY!



6-11516



EDDIE ROBERTS JR., RADIATION SAFETY, receives the latest \$1 patent application letter from Union Carbide Nuclear Company. Roberts, center, received the honor in a joint development (John Wachter, formerly of Y-12, now in Oak Ridge National Laboratory aided him) on a "Threshold Detector." Roger F. Hibbs, Y-12 Superintendent, right, makes the presentation, and George Jasny, Technical Division Superintendent, looks on from the left.



Y-12ERS FRANK LAMBERT AND H. B. HARLAN, right and center, accept the Outstanding Performance Award for the best local chapter of the American Welding Society from national chairman John Blankenbuhler. The Northeast Tennessee section of the AWS took home the banner from the Philadelphia convention last month. The award went for the best in membership increase, programming, publicity and overall activities, in competition with chapters of AWS from all over the country. Lambert was program chairman and Harlan was chapter chairman for the 1961-62 season.

Local Welding Society Takes Honors At Philadelphia Meet

The Northeast Tennessee Section of the American Welding Society will have its annual social, Saturday night at the Deane Hill Country Club, Knoxville. Members and guests are both welcome to the prime ribs of beef dinner.

The cost of the social is \$3 for members each, and \$4 for non-members of the AWS.

Reservations may be made through Frank Lambert, extension 7-8231, or Don Scott, extension 7646.

The local AWS chapter is proud as a peacock over the new banner they brought back from the Philadelphia national convention, held in April. Named for their outstanding performance in membership increase, programming,

publicity, and overall activities, the Northeast Tennessee Section won over all AWS chapters in the country. The banner will, of course, have a prominent place at the social Saturday.

Newly elected chairman, Don Scott, Development Division, will take the gavel in installation ceremonies Saturday.

Accepting the performance award in Philadelphia was Y-12er H. B. Harlan, a past chairman of the local AWS and Frank Lambert, program chairman. The award was made by John Blankenbuhler, national chairman of the American Welding Society.

Are Your Vital Papers Kept In Secure Place?

Do the proper people know where you keep vital papers such as wills, deeds, mortgages, insurance policies, military records, certificates of birth, baptismal or marriage? Are your tax papers in proper filing order? Few people have vital records readily available.

One of the best places to keep such records is in a safe deposit box. Any bank will be happy to show you this secure, cheap manner in which to store vital records.

Y-12 Credit Union Offers Free Financial Counsel

Money problems? Whether you have too much or too little, Y-12's Credit Union can give you sound advice concerning budgeting and financial affairs. These counselings are given in complete privacy and held highly confidential. The Credit Union believes that your financial problems are your problems . . . and they maintain to keep them as such.

Unauthorized disclosure of classified information could cause the downfall of our nation.