

The Bulletin

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

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Many Articles Offered On 'Spot Bid Sale'

Bids Will Be Opened
On Tuesday, May 17

A wide variety of used government property ranging from passenger automobiles and trucks to several different items of machinery will be offered for sale at a "spot bid sale" on Tuesday, May 17. The sale is to be held by the Carbide Property Sales Department at the Company warehouse on River Road, near Elza Gate, with the bids being opened at 2 p.m. on the day of the sale.

The items to be sold include 36 sedans, 15 pick-up trucks, six other trucks, one carryall, two scooters, one truck tractor, a 300 horsepower electric motor, two lathes, one five-ton chain hoist, one 10-ton chain hoist, one electric welder, one spot welder, one compressor, two sand blasters, one concrete bucket, one concrete mixer, one radial drill, one boring mill, two milling machines, one joiner, one cutoff machine, one earth auger, one book stitcher, one louver system and other articles.

No invitations to bid or schedules of property will be mailed, but they will be supplied bidders on inspection days. The articles to be sold may be inspected from 8 a.m. to 4 p.m. on Mondays through Fridays until the bids are opened.



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

Goebel Hoskins and P. C. Goins, Guard; N. B. Keplinger, Jr., Electrical; F. M. Henry, Buildings and Grounds; C. L. Stevens, Jr., Product Processing; F. K. Booth, Mechanical Maintenance; F. M. Gambill, Utilities; W. B. Kirk, Jr., and O. C. Haney, Process Maintenance; C. J. Ward and R. H. Bradshaw, General Machine Shop; R. J. Luck, Enriched Uranium Recovery.

Y-12er Has Leading Role In 'No Time For Sergeants'

Bob Wilder, of the Y-12 Enriched Uranium Recovery Department, is cast in the star role of the comedy, "No Time For Sergeants," which will complete its run this week end at the Oak Ridge Community Playhouse Theater on Jackson Square. Wilder will have the role of Will Stockdale, the rookie Georgian who was so well portrayed on Broadway by Andy Griffith. Other Y-12ers in the cast are Ernest Earley, Electrical Engineering; Dick Hayes, Maintenance Planning; and Harwell Smith, Development Operations. "No Time For Sergeants" will be presented by the Playhouse performers on Thursday, Friday and Saturday nights of this week, May 5, 6 and 7. Curtain time is 8:20 p.m.

Avoid denial or confirmation of speculative talk about atomic energy programs.



REPRESENTATIVES FROM THE Y-12 PLANT ATTENDING THE "BOSSES' NIGHT" dinner given by the Oak Ridge Chapter of the National Secretaries Association are shown above. From left are Betty Franzreb, Barbara Littleton, Geneva Carter, Jim Young, Mary Cusman, Roger Hibbs, Rubye McCloud, M. B. McCloud, Mrs. George Strasser, George Strasser, Mabel Tyer, W. C. Kuykendall and Mrs. Kuykendall.



OUTSTANDING MEMBER of the Oak Ridge Chapter, National Secretaries Association for the past year, Geneva Carter, right, of the Y-12 Mechanical Operations Division, hands a loving cup to Virginia Wells, Oak Ridge National Laboratory, voted the Outstanding Member honor for the coming year. The ORNL secretary had just a few moments before received her crown from the Y-12er.



Despite some commercialism that has raised its ugly head in the observance of the occasion—Mother's Day will continue to live in the hearts of sons and daughters throughout the world. Mom will be honored next Sunday, May 8, on "her day." Too much tribute cannot be paid to her for all of her wonderful attributes. However much is done for her today should be matched on other days of the year as well—so, hats off to Mom.

With that thought, the task of assembling the Colyum for one more week begins, starting with—

INDUSTRIAL RELATIONS

Cute, ain't he? This alert youngster, photoed at an early age in Oak



Ridge Hospital while still defenseless, is Anthony Randall Lee, grandson of Guard H. H. Neal, of the Fire and Guard Department. The husky lad was born April 10 at Oak Ridge Hospital and is the son of the Y-12er's daughter, Mrs. Elmer H. (Virginia) Lee, 126 Placer Lane, Oak Ridge . . . Guard H. L. Montooth has been welcomed back to work after surgery at Oak Ridge Hospital . . . Guards D. H. Patterson and A. J. Jeffers and their wives attended a meeting of the Grand Chapter of the Eastern Star last week in Memphis . . . Get well wishes go to the father of Fireman W. T. Galyon, ill with a heart attack.

MAINTENANCE

Electrical sends rapid recovery wishes to J. W. Rule, A. G. Dunnam, R. E. Wallace and H. H. Buckner, hoping they will be back soon. . . . A. G. Curtis and family are visiting his sister in Louisville, Ky., and his father in Marietta, Ga., while vacationing . . . T. J. Anders hopes to enjoy the trout fishing over in Looking Glass Creek in North Carolina.

Research Services extends deepest sympathy to C. E. "Fuzz" Harris, and his wife, Liz, Product Processing, whose stepfather, B. G. Oliver, died recently in Athens, Tenn. . . . D. B. Blackburn plans to vacation in Smithville, Tenn., to do some

fishing . . . D. C. Hunt is going to stay home for a few days then visit kin folks in Marion, Va.

FINANCE AND MATERIALS

Material Control has Grace Watkins vacationing at home in Friendsville . . . Lucia Schults and her husband, Capt. Dallas Schults, Fire and Guard Department, are visiting her mother in Easley, S. C. . . . Condolences are extended B. N. "Buzz" Strunk, whose father died recently.

Property Sales reports Dean Ford's plaster addition to his left arm hasn't slowed him up a bit—he hopes it is coming off in about 10 days . . . John Jenkins, Jr., has departed the bed and board and magnificent view from River Road and is keeping company with the snakes, bugs, beetles and other wild critters at the White Wing yard . . . J. H. "Red" McNally still is driving that pretty automobile but is strenuously shopping for a satisfactory trade . . . W. E. "Mr. Republican" Sorrell has been selected as the department's delegate when the GOPs gather in Chicago to select a standard-bearer . . . Johnny "Hay-Hay" Moneymaker is developing a real rustic look from showing prospective customers the areas in and around the Y-12 Plant where hay is to be cut . . . J. D. "Fisherman" Collins is acquiring a dissipated appearance from sleepless nights—from painting his new house in West Village . . . Note to Scribe Ross Eichorn—message received and contents noted.

Get well wishes are extended L. W. Vandergriff, Cashier and Travel Office, who is recuperating from recent surgery at St. Mary's Hospital, Knoxville.

Finley West, Addressograph, is camping out and fishing while vacationing.

Folks in Engineering Records recently enjoyed a fish fry at Mac's Patch—home of Kenneth McNabb—lots of hush puppies and trimmings.

Timekeeping sends rapid recovery wishes to W. E. Gallaher, in Baptist Hospital, Knoxville . . . Roy Hale is spending his vacation gardening and painting his house.

Get well wishes are rushed to Frances Smith, Property, on the ailing list.

Peace and quiet reigned around the southeast wing of Bldg. 9703-2 last week—Eddie "Snowdrift" Pluhar was vacationing in Florida—pals knew not where but remembered that last year Grandflappy headed thataway, his announced destination was Panama City but he ended up in St. Petersburg, some 300 miles away.

CHEMICAL OPERATIONS

Art Sands, Chemical, a most didn't make his "big moment" this week — when he received one of those \$1 Letters for filing and applying for a patent for some gadget he invented (see The Bulletin next week). Art's wife was out of town visiting a new grandson and the Y-12er was just about out of shirts, but managed to manage somehow. The new grandson, incidentally, is Art's sixth and the father of this one is Peter Sands, of Greensboro, N.C., where the baby was born on

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 and 10 years of Company Service within the next few days.

15 YEARS

Debora W. Hubbs, Production Analysis, May 8.

Kenneth S. Fugate, Beta Two, May 10.

J. R. Robinette, Stores, May 11.

10 YEARS

William M. Moses, Research Services, May 8.

Walter A. Rutherford, General Machine Shop, May 9.

April 24, weighing seven pounds, 14 ounces. The mother is the former Miss Novelle Goddard, who used to be with the Oak Ridge Hospital.

Product Processing extends sympathy to Pat Hair, whose uncle died recently in Chattanooga . . . W. A. Wiginton is vacationing in Memphis with a side trip to his old home town down in Mississippi . . . Charley Frazier and spouse spent the long Easter week end visiting his daughter in Atlanta and took the following week for a vacation.

Hosting some visiting relatives occupied the vacation time of M. W. Oldham, of the C Shift in Beta Two.

TECHNICAL

"Jovial Jack" McLendon, Radiation Safety, and family journeyed down Mississippi—way over the Easter holidays to visit his wife's folks . . . Condolences are extended Connie Mills, whose grandfather died recently . . . Get well wishes are wafted to David Allison — the flu bug was thought to have gone out the window when Spring arrived (?) but hung around for just one more nip and David was the victim.

MECHANICAL OPERATIONS

General Machine Shop has a host of folks with the miseries, so get well wishes are sent to J. C. Maples, St. Mary's Hospital, Knoxville; and Wiley P. Ingle, Ft. Sanders Presbyterian Hospital, also Knoxville . . . Likewise to Lucille Pruitt . . . Also to the wife of T. M. Akers in Oak Ridge Hospital, where he vacationed last week to be with her; and to the mother of Janice Gore . . . The Shoppers extended the gladhand last week to newcomers R. M. Geary, D. O. Carey, C. H. Osborn and Carl Zehner . . . Fishing vacations last week occupied the time of Louis B. Gillis, Russell Hopper, M. A. Parrish and D. L. Hall . . . Hugh D. Campbell and E. A. Fritts rested up at their Knoxville homes . . . A. T. Sharp did likewise at Caryville . . . J. L. Johnson took off last week to entertain his son, just home from Uncle Sam's service . . . Bruce Hogg remodeled his home in Oak Ridge last week and F. C. Wheeler just took it easy, likewise at his Oak Ridge home.

Just to prove that brother Earl didn't have a monopoly, George Cox, Rolling and Forming, turned up with the mumps himself last week. . . . R. D. Seagren spent a lot of time recently cleaning out his swimming pool for the summer . . . J. Baird intends to be a home vacationer, and is reported being most

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Secretaries Reward High School Pupils, Grant Scholarship

Awards to two outstanding Oak Ridge High School pupils for their skill in typing and shorthand and a scholarship to a University of Chattanooga freshman from Oak Ridge featured observance of "Secretaries Day" last Wednesday night, April 27. The occasion was observed with an open house by the Oak Ridge Chapter of the National Secretaries Association held at the Oak Terrace. Jane Morrison, an Oak Ridge National Laboratory member of the chapter, was in charge of the meeting.

Geneva Carter, secretary to J. M. Case, of the Y-12 Mechanical Operations Division and chairman of the NSA chapter's educational committee, presented the awards of secretary handbooks to the two high school girls. They were Elizabeth Williams, daughter of Doyle B. Williams, of the Y-12 Guard Department; and Linda Martin, daughter of Mrs. Leona Morgan, Oak Ridge. Miss Williams recorded shorthand at 120 words per minute for three minutes with only two errors. Miss Martin typed 81 words per minute for five minutes with a mark of 78 words correct.

The scholarship was won by Mary Jane Huffman, a UC freshman, and accepted by her sister, Evelyn Huffman. The presentation was made by Virginia Wells, ORNL, recently named "Outstanding Member" of the NSA chapter for the coming year.

'Miss Anderson' Will Be Chosen In Clinton Show

"Miss Anderson County" will be selected and crowned at a pageant sponsored by the Clinton Junior Chamber of Commerce, the Jaycettes and Radio Station WATO, this week end, May 6 and 7. The pageant will be held at the Clinton Grammar School.

Miss Frankie Lou Baird, daughter of C. E. Baird, of the Y-12 Heavy Machine Shop, is among the candidates for "Miss Anderson County." There are 10 entrants in this contest, with the winner being eligible to compete in the "Miss Tennessee" contest at Jackson in July, a three-day all-expense trip to New York City and a share in a scholarship fund.

In the junior division of the pageant, Miss Bobbie Jean Mitchell, whose father is Herman Mitchell, Buildings and Grounds, is among the 10 contestants.

MERMAN DEBUTED IN 1930

The first Broadway musical in which singer Ethel Merman appeared was "Girl Crazy" on October 14, 1930, starring Ginger Rogers. Miss Merman sang three George Gershwin songs in the show and her performance made her a star overnight.

BURCHFIELD LOW AT DH-RIDGE MEET SET MAY 21

Go-Karts—Go

Y-12er, Family Enthusiastic Racers Of Little Vehicles



AN ENTHUSIASTIC GO-KART racer is Al Sawyer, of the Y-12 Electrical Department, shown in top picture at the wheel of the speedy little vehicle. In the lower picture he gives advice to a bunch of youngsters at the Edgemore track, where the Karts hold regular race programs.

Knoxville Club Holds Races At Edgemore

If Al Sawyer, of the Y-12 Electrical Department, can't be found on a golf course or bowling alley—chances are 10 to one he's putt-putting around the old Edgemore automobile racing track in his Go-Kart. The Go-Kart is a greatly simplified motor vehicle—consisting mostly of what appears to be a few pieces of board with wheels on each end and powered by a small gasoline motor.

With the Y-12er in practice runs and racing at the Edgemore oval on any fair-weather weekend also will be found 20 to 30 more enthusiastic members of the Knoxville Go-Kart Club indulging in the fast-growing sport.

Safety Fears Dispelled

The Go-Kart today occupies much the same position as the electric train dad bought junior for Christmas—and dad never had it so good, or had as much fun before! Should mom have any fears for junior's safety in the contraption, dad will quickly and eagerly dispel them.

The Knoxville Go-Kart Club was basically organized to demonstrate the safety of these little vehicles when proper rules for operation are followed and enforced. Club members vote on fellow members to serve as safety officials at each race event and it is their job to check each driver and car before each contest. The acceptance or rejection decision of these officials is law in the club.

Must Follow Rules

Each member of the Go-Kart Club is required to purchase (for 50 cents) a rule book on conduct of races and operation of their vehicle. Furthermore, they are required to follow those rules. Goggles and helmets are required for all entrants in a race and no person under 16 years old is allowed in a speed race.

However, there is no age limit for membership in the club—and youngsters from one to 80 are eligible.

Active racing participation is not required and membership is only \$1 per year.

A further safety factor in the sport is that no drinking or horseplay is permitted around club meetings or at the race track. As records now stand—only one accident is on the books for the Knoxville Club drivers—and that was caused when a driver of a Knoxville regular-size automobile drove onto the race course being used by the Go-Karts and into the path of the little racer. The greatest hazard in any of the Go-Kart races is an inexperienced driver.

10 Hours Can Qualify

A beginner usually can gain sufficient experience in handling a Go-Kart with about 10 hours of practice—and a few more hours can make an expert out of neophyte.

Go-Karts for kiddies are equipped with grooved tires and the gear ratio is set for only 15 to 20 miles per hour. However, when the big boys get behind the wheel, the tires are changed to smooth ones, carrying 50 pounds pressure, and the gear ratio is upped to permit the Karts to scoot along up to 60 miles per hour. Some more elaborate Karts with two motors instead of the conventional one—have been clocked at up to 112 miles per hour.

Dirt Tracks Hurt Motors

The Knoxville Go-Kart Club presently is holding its races at the asphalt-paved Edgemore track—as a dirt track creates so much dust that the little motors are badly damaged. Tracks for the Kart races can be flat or banked, oval, dog-legged or kidney-shaped. The length of the track may be anywhere from 1/20th



THE Y-12 CLASSIC BOWLING LEAGUE CHAMPIONS, THE WOLVES, are shown above, beaming with their trophies after beating the Swingsters in a rolloff for the season's crown. From left are Newt Hamby, Merle Emery, Harold Zang, Ed Gambill, Capt. Fred Uffleman, Tom Perry and Frank Gragg. The Wolves won the first half of the season title and the Swingsters were on top in second round play.



ALTHOUGH NOSED OUT BY A CLOSE MARGIN IN THE CLASSIC LEAGUE rolloff, the Swingsters, above, seemed not too unhappy over their second-place trophies. From left are Capt. Sewell Brown, Don Pitt, Otis Rackley, George Cantrell, Charley Beckett and J. B. Strickland. At extreme right is Tom Pappas, league secretary, who was awarded a trophy for his good work during the season.

Underwood-Matthews, Hill-Hoppe Share Lead In Y-12 Oak Ridge Golf Loop Play

A pair of teams were scooting along in a deadlock for the lead in the Oak Ridge Golf League for Y-12ers after hostilities last week. Underwood-Matthews blanked Mee-McLendon for six points for a

half share of the first rung. Hill-Hoppe was the other deadlocked team, whitewashing Gregory-Kurtz. Hill-Hoppe had lost four points on the opening round of play to Gilcrease-Crow, but that team dropped from play and the earlier match tossed out, giving Hill-Hoppe six points. In all future clashes in which Hill-Hoppe are scheduled, their opponents will draw a bye and automatically receive six points. The first beneficiary of this arrangement was the Thomson-Breman duo last week.

Two other shutout wins of six points each were scored last week, Smith-Bartholomew beating Youngblood-Burkhart and Belvin-Hopkins trimming Bailey-Stout. Cloyd-Hackett and Ratjen-Davis each posted five-point victories with the victims being True-Earley and Hines-Emler. In the four-point win column were Brown-Roberts over Orrison-Dehoney, Boyd-Oliphant over Gambill-Hamby and Holzknicht-Peckman over Wallace-Patterson. Mitchel-Tibbatts broke even against Everett-Kahley at three points each.

Memorial Day Program Planned

Sawyer revealed recently that the Kart racers are going to have a big Memorial Day (May 30) racing program. The site has not yet been decided—but the Y-12er says several places are bidding for the privilege of staging the races. Auto race fans used to going to the Indianapolis car carnival therefore can see plenty of speed and thrills close to home—as an early announcement on the program is expected.

The whole Sawyer family are Go-Kart fans. In addition to Al, Karts are owned and raced by his son, Tommy; and daughter, Patricia. Mom goes along for the fun.

Carbide Archery League Proposed

Organization of a Carbide Archery League to be formed of teams of four men each from Y-12, Oak Ridge Gaseous Diffusion Plant and Oak Ridge National Laboratory is being advocated by enthusiasts of the sport. Any Y-12er interested in such a loop may enter a team merely by communicating with the Recreation Department, Room 132A, Bldg. 9704-2, plant phone 7109. A deadline for teams entering the proposed league has been set for Thursday, May 19.

First Tourney Attracts 136

Bids For Starting At OR Open May 12

After successfully wrapping up their first tournament of the season—at Deane Hill Country Club on last Saturday—Y-12 golfers immediately began preparing for the second big scramble of the season. This second tournament is scheduled for the Oak Ridge Golf and Country Club on Saturday, May 21. Applications for starting times will be received at the Recreation Office at 8 a.m., Thursday, May 12. Play starts at 6 a.m.

In the Deane Hill competition, Frank Burchfield had a neat 74 scratch over the par 71 course for best of the day. A total of 136 golfers participated in the contest, which was run off without a hitch. Only one foursome out of the 34 scheduled to play failed to show up.

Others Closely Bunched

Trailing Burchfield in the First Division of entrants were George Wylie 75, Art Hines 77 and Bill Hamill 78. In handicap scoring it was Bill Wilburn 61, Harvey Saylor 65, John Boyd 66 and E. L. Hendrix 70. Bill Mee had the most pars with 13 and Eddie Roberts, Jr., had 12.

Second Division scratch honors went to George Heins at 83, followed by E. P. Braden 84 and Karl Kahley and Sewell Brown tied at 86. Handicap results were W. C. Collins 66, Joe Miller 68, Clarence Johnson 69 and Jack Thomson 70. Eddie Roberts, Sr., had eight pars and Jay Holzknicht and J. M. Patterson tied at six each.

Hudson Wins Third Division

Clyde Hudson's 80 topped the Third Division scratch scores. Then came J. C. Thompson, Jr., 87 and Bill Butturini and L. E. Burkhardt tied at 91. The low handicap score was 63 by Dan Morgan, Ed Ellis had 69 and Merle Emery and Roy Roberts tied at 71. Emerson Henck had six pars and Art Stewart five.

An 89 scratch by Mac Wright was low in the Fourth Division. Then came Phil Bremen 96 and George Marrow and W. M. James tied at 101. In handicap scoring it was J. Fielden 66, C. J. Beckett and W. A. Rutherford deadlocked at 71 and Paul Trebilcox 73. Tom Douglas and E. L. Earley tied for most pars with three each.

Electrical Plans Second Fish Rodeo

The Electrical Department of Y-12 will stage its second fishing rodeo of the season on Saturday, May 14. The anglers will operate from the White's Creek Boat Dock on Watts Bar Lake, beginning at 12:01 a.m. and continuing until 5 p.m. Prizes will be presented to the fishermen landing the biggest largemouth and smallmouth bass, pike, crappie, bream and rough fish. The prizes will include spinning reels, spinning rod, casting reel, tackle box, landing net and minnow bucket.

Fishing Rodeo Set May 5 By B Shift

The second fishing rodeo of the season for anglers on the Y-12 B Shift and their folks has been scheduled for all day tomorrow, Thursday, May 5. The event will be based at the Andersonville Boat Dock on Norris Lake. Prizes will be presented to fishermen with the best catches in several species of fish and a door prize and dock prize will be drawn for. There will be no charge for participation in the rodeo.

Sunflowers, 'Cats Close C Loop Round By Blanking Foes

The Sunflowers and Alley Cats, second and first half winners in the C League of Y-12 Plant bowlers, warmed up for their title clash, scheduled for Monday of this week, May 2, by both taking whitewash wins in the last matches of the final round of play. The Sunflowers shut out the IBMs and the Alley Cats blanked the Knot Heads. Murderer's Row also scored a shutout win over the Par Busters. The Engineers took three points from the Big Five and the Chillers conked the Hookers by the same margin. The SPs and D Shift rolled to a two-point-each deadlock.

Ed Sise, Big Five, hit 604 for a scratch series high of the session and Williamson, Engineers, rolled a 650 handicap triple. Spradlin, Alley Cats, had the top game scores of 240 scratch and 261 handicap.

Team	W	L
Sunflowers	51	17
Alley Cats	36	22
Engineers	43½	24½
Big Five	41	27
Par Busters	36	32
IBMs	34	34
SPs	30½	37½
Chillers	27	41
Murderer's Row	27	41
Hookers	26	39
D Shift	24	44
Knot Heads	22	46

D Shift Fish Rodeo Set For May 12

Anglers on the D Shift of Y-12ers will stage their second fishing rodeo of the season on Thursday, May 12. The event will be based at the Andersonville Boat Dock on Norris Lake with starting time set for 12:01 a.m. and action extending to 5 p.m. Prizes will be awarded fishermen turning in the largest catches in several species of fish. Free coffee will be served and dock and door prizes will be awarded.

Team	W	L
Underwood-Matthews	12	0
Hill-Hoppe	12	0
Smith-Bartholomew	11	1
Brown-Roberts	10	2
Mitchel-Tibbatts	8	4
Boyd-Oliphant	8	4
Holzknicht-Peckman	8	4
Belvin-Hopkins	8	4
Cloyd-Hackett	7	5
Ratjen-Davis	7	5
Dehoney-Orrison	7	5
Thomson-Breman	7	5
Gambill-Hamby	6	6
Kahley-Everett	6	6
Mee-McLendon	4	8
Emler-Hines	4	8
True-Earley	2	10
Wallace-Patterson	2	10
Bailey-Stout	2	10
Youngblood-Burkhart	1	11
Gregory-Kurtz	0	12

The automobile has proved to be the greatest moral force in America. It has stopped a lot of horse stealing.

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UCC Sales Set Quarterly Record

Continued from Page 1
 and 1961. New facilities for the production of chemicals, plastics, and industrial gases will continue to account for about 80 per cent of the total construction expenditures," he said.

Pointing out that it takes a large selling organization to produce sales of such magnitude as Union Carbide's, Mr. Bunn told stockholders that the Corporation now has 131 sales offices and has a total of 3,500 people in its various sales departments.

The importance of good technical service was stressed and work done recently by Union Carbide for customers in some of the major industries using its products was described. The Corporation now has about 50,000 customers.

Some of the technical service provided by Union Carbide to various industries is now being carried on at a new chemicals laboratory at Eastview near Tarrytown, N. Y. This laboratory is devoted almost exclusively to solving customers' problems. It has 150 people on its staff, 100 of them technically trained.

Several examples of customer service were mentioned. One was the development of fluids for new hydraulic and transmission systems for automobiles. Stockholders were also told about a special "cold room" for testing anti-freeze and other car-care products in the Corporation's laboratories at Tonawanda, N. Y. Here automobiles are run at driving speeds under conditions more severe than those found in the arctic. The temperature can be brought down to 100 degrees below zero Fahrenheit and a 60-mile-an-hour wind can be simulated.

Mr. Bunn also cited several developments for the missile and aircraft industries. He mentioned a tape-controlled automatic welding machine for welding complex missile parts, such as the tail fins of the Terrier guided missile; a de-icing fluid developed in co-operation with the military for spraying the wings of airplanes during cold or stormy weather; and a 5,000 gallon trailer, about to be delivered to the Air Force, which was specially designed to keep helium in a liquid state. To stay liquid, helium must be at a temperature of 452 degrees below zero Fahrenheit. This, it was pointed out, is only eight degrees above absolute zero, the lowest temperature theoretically possible.

Although Union Carbide is primarily a producer of the basic resins used in making plastics, the Corporation's engineers are continually demonstrating to customers the latest techniques for processing and fabricating plastics. In the plastics laboratories at Bound Brook, N. J., for example, almost every known molding process can be duplicated. A blow molding machine was described which can produce many different plastic shapes, including polyethylene bottles of various sizes. Also described was an automatic bread-wrapping machine developed by Union Carbide, which has helped to expand the market for polyethylene film.

Another development mentioned was a "roof jet," a device that injects oxygen into molten steel to speed up the refining process.

Stockholders were told that in recent years Union Carbide has been giving increased attention to the substantial growth potential of overseas markets. The Corporation's export sales and profits in 1959 were at an all-time high. Taking a five-year period for comparison, it was pointed out that export sales last year were two and a half times larger than those achieved in 1954 and after-tax profits almost four times larger.

Overseas companies affiliated with Union Carbide have spent over \$100 million for new plant facilities in the last four years. The total will be at least \$40 million this year. Major facilities scheduled to come into production are polyethylene and chemicals plants in Italy and India and a chemicals plant in England.



HERE IS A PART OF THE CROWD OF 86 fishing enthusiasts who registered for the Y-12 J Shift Fishing Rodeo held April 23 on Watts Bar Lake from White's Creek Dock.

Rides Wanted, Offered

Ride wanted or will join car pool from Broadway and Fairmont Blvd., North Knoxville, to North Portal, E Shift, H. A. Tobe, plant phone 7-8257, home phone Knoxville 4-3668.

Ride wanted or will join car pool from St. Mary's Hospital or Oakwood Addition, Knoxville, to Central Portal, E Shift, T. A. Seddon, plant phone 7074, home phone Knoxville 5-2524.

Two riders wanted from West Haven or Rambling Acres, Knox County, to any portal, straight day. L. C. Vann, plant phone 7733, home phone Knoxville 2-1418.

Want to join or form car pool from Hillside-Pennsylvania Ave. section, Oak Ridge, to Central Portal, straight day. Joseph Westsik, plant phone 7-8608, home phone Oak Ridge 2-1528.

Want to join car pool from Iroquois Road, Indian Lane and Illinois Ave. section, Oak Ridge, to Central Portal, straight day. Lou Kovach, plant phone 7776, home phone Oak Ridge 5-1648.

Ride wanted from 2228 Tacoma Drive, Knoxville, to West Portal, straight day. J. D. Goodpasture, home phone Knoxville 3-8507.

Ride wanted from Clinton to North Portal, straight day. J. P. Young, plant phone 7549, home phone Clinton 1208-XW.

Ride wanted or will join car pool from 84 Dale Road, Norris, to any portal, B Shift. Frank J. Hall, plant phone 7-8809, home phone Norris 7292.

Two carpool members wanted from West Village, Oak Ridge, to West or Bear Creek Portal, straight day. H. A. Pohto, plant phone 7-8831, home phone Oak Ridge 5-1620.

Ride wanted from Island Home or Chapman Highway, South Knoxville, to West or Central Portal, straight day. S. F. Ferguson, plant phone 7-8831, home phone Knoxville 2-3716.

Bids For Cutting, Baling Hay To Be Opened May 5

The Carbide Property Sales Department will open bids tomorrow afternoon, Thursday, May 5, for the cutting, baling and removal of hay from three tracts of land in and adjacent to the Y-12 Plant. The bids will be opened at 2 o'clock at the Property Sales Department warehouse on River Road. There are approximately 187 acres of land involved in the project.

New UCC Office Building Already Being Occupied

Union Carbide's new headquarters office building at 270 Park Ave., New York City, is expected to be occupied by about 3,700 employees by the end of September. Transfer of personnel to the 52-story building has already begun, and by April 25 the first 12 floors was occupied by approximately 1,700 people.



BIGGEST AND LITTLEST FISH caught during the J Shift Fishing Rodeo were the six-pound largemouth bass, left, pulled in by Joe Vannoy; and the tiny bream, landed by Joe Ailey.

86 Anglers Register For J Shift Rodeo At White's Creek

A throng of 86 Y-12ers on the J Shift and members of their families were registered for the fishing rodeo staged by the shift at White's Creek Dock on Watts Bar Lake Saturday, April 23. The rodeo was the first of a series of recreational events planned by J Shift employees during the coming months.

Joe Vannoy, Product Processing, landed the biggest fish of the day and a prize for a six-pound largemouth bass. The smallest fish taken was a little bream, hooked by Joe Ailey, Enriched Uranium Recovery. Other awards for top fish caught were presented Glen Ballew, Alpha Four, sauger pike; Don Henry, Sunflower Shop, crappie; Kenneth Frost, Beta Four Heavy Machine Shop, drum; Jim Sanders, Z Area, striped bass; and Glen Mowery, Alpha Four, smallmouth bass. R. A. Mullins, Product Processing, won a dock prize and Bud Wilson won a door prize through drawings.

Carbide Skeet Loop Now Being Proposed

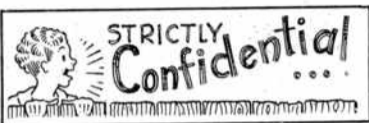
Encouraged by the interest shown in several Y-12 skeet target shooting sessions, devotees of the sport are hopeful of forming a Carbide league for the activity within the next few months. Support of the proposed loop also has come from Oak Ridge Gaseous Diffusion Plant and the Oak Ridge National Laboratory.

In the final skeet shoot of the spring by Y-12ers on Sunday, April 24, Fred Welfare had the top score of 21 targets out of 25. He was followed by Bill Weatherby 18, Joe Dunlap 18, Hal Tunnell 16, Jim Turner 15, Jack Foreman 15 and H. D. Landry 14.

Any Y-12ers interested in the sport of skeet shooting and wanting to shoot in the proposed Carbide League or in plant competition is asked to communicate with the Recreation Office, Room 132-A, Bldg. 9704-2, plant phone 7109.

90-Cent Dividend Declared By Union Carbide Directors

The board of directors of Union Carbide Corporation has declared a quarterly dividend of 90 cents per share on the outstanding capital stock of the Corporation payable June 1, 1960, to stockholders of record May 2, 1960. The last quarterly dividend was 90 cents per share paid March 1, 1960.



Off-The-Job Safety Drive Goes To Homes

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 as well as in the plant. In 1959 alone there were 89 off-the-job injuries that cost a total of 1,803 man-days of work lost. Of this number of mishaps, 38 were automobile accidents, 19 occurred at home and 32 were from other causes.

Look At These Figures
 Meanwhile, at the Y-12 Plant there were only 11 disabling injuries reported with 754 days lost! Isn't that food for thought for all Y-12ers and members of their families?

Lenoir City Lead Split Three Ways

The James-Kinkaid team jumped up to a three-way tie for first place in the Lenoir City Golf League on April 25 by defeating E. Kennedy-Ludlow by four points. Also advancing with a similar win were Bowles-Koontz, who beat Schultz-Kingsbury, the latter subbing for Day. The third pair deadlocked for the loop lead was Thompson-Rogers, three and one-half point victors over C. Harris-T. Harris, Beckett-F. Kennedy also turned in a white-wash win of four points over Wright-Simmons. Collins-Watson topped Spradlin-Knowles by three and one-half, Arrowood-Wray beat Price-White by three and Carter-Morrison broke event at two points each with Rutherford-Stinnett. Paul Arrowood scored a 40 for low scratch score and Clyde Bowles and Ernest Kennedy tied for second with 41s.

League standing follows:

Team	W	L
James-Kinkaid	7 1/2	1/2
Bowles-Koontz	7 1/2	1/2
Thompson-Rogers	7 1/2	1/2
Beckett-F. Kenedy	5	3
Rutherford-Stinnett	5	3
Collins-Watson	4	4
Wright-Simmons	4	4
Carter-Morrison	4	4
Price-White	3	5
Schultz-Day	3	5
Arrowood-Wray	3	5
Spradlin-Knowles	1 1/2	6 1/2
C. Harris-T. Harris	1	7
E. Kennedy-Ludlow	0	8

Swiss Scientist To Speak At ORNL Physics Seminar

A speaker from the Swiss Federal Institute of Technology at Zurich will speak at the seminar of the Oak Ridge National Laboratory Physics Division on Friday afternoon of this week, May 6. The meeting will be at 3:15 o'clock in the auditorium of Bldg. 4500, ORNL. The speaker will be K. Adler and his subject is "Multiple Coulomb Excitation with Heavy Ions." Y-12ers interested in the topics are invited to attend the seminar session.

last week but issued no further statistics.

If that was dogwood winter last week—it was a dirty trick to play on any dog—bring up the old joke (?) "I wouldn't put a Knight out on a dog like this."

Wear your badge prominently displayed while in the plant.

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 willing to accept inquiries on his return about clean windows, waxed floors, and so forth.

The Graphite Shop's B. L. Miller is trying to lure his share of fish from Norris Lake while vacationing . . . Get well wishes are sent to W. A. Eble, recovering at home from an injury . . . The Carbon Shop boys are all anxious to try out that new cruiser of A. J. Naleppa's . . . 'Tis understood C. C. Money-maker's wife now can give him lessons in catching crappie.

The TW Shop regrets losing J. M. "Pat" Patterson, but is happy to welcome J. L. Gilliam, who will take up where Pat left off . . . B. G. Nelson has gone to Florida for the ocean fishing . . . D. L. Jenkins is staying close by to try the angling on Norris Lake . . . Rapid recovery wishes are sent to C. E. Jennings and F. O. Fox.

There are vacations galore in the Beta Four Heavy Machine Shop . . . W. H. Bonney meandered back to the old Mississippi plantation . . . P. Miller, S. C. Loope, B. M. Steed and B. Rankin moseyed away with no forwarding addresses . . . Get well wishes are sent to E. H. Mantooth . . . A. E. Herrell has been welcomed back after a three-week illness.

Zooming from Z Area to a vacation at an undisclosed destination last week was Chester Estes . . . Returning from rest periods were John Franzreb after a stay at his Kingston home and Phil Fisher, who did a lot of fishing . . . L. E. "Curly" O'Dell is telling one and all about that new son of his. Born April 24, little Dan weighed eight pounds, seven ounces and is the fifth boy in the family to just one daughter.

ENGINEERING

Mechanical Engineering quarters now are all spruced up since Clean-Up Week with Paul Boyer, Roy Huddleston and Dick Wyrick being the chief broom bosses . . . Tom Keane has good luck wishes going along with him on his transfer to Special Projects . . . Jack Anderson is the proud driver of a new chariot . . . Joe Howell was a week-end visitor with kin folks in Gatlinburg . . . The Tom Swindells are enjoying a visit by his sister from California, who is visiting kin folks east of the Mississippi . . . Dave DeWalt was a referee at a rifle match held recently at the University of Tennessee . . . The MEs helped John Snyder celebrate his birthday last Wednesday, despite the fact John is a "furriner" from Project Engineering. Everyone joined in wishing John a happy birthday and many happy returns of the day.

SHIFT SUPERINTENDENTS AND UTILITIES

Utilities extends speedy recovery wishes to C. E. Freels, who underwent surgery in Baptist Hospital in Knoxville recently . . . Likewise to F. M. Gambill, a surgery patient in Oak Ridge Hospital last week . . . M. G. Crouch is visiting kin folks in Sunbright while vacationing . . . J. H. Potter and family moved to Oak Ridge last week . . . Proud Pop of the week is J. O. Olvey, who welcomed a big boy to the family