



SO-CALLED LIGHT EQUIPMENT SUCH AS SHOWN ABOVE IS USED IN STREETS AND ROAD MAINTENANCE work in Y-12. Wayne Rogers is operating the bucket lift at left and H. D. Smith is in charge of the patrol grader at right.



RIGGERS AND HEAVY EQUIPMENT EMPLOYEES TACKLE A BIG JOB in the picture above as they gently lower a giant lathe on to a 60-ton tractor trailer after lifting it from a flat car. At left operating a 60-ton locomotive crane is M. V. DeLong. Others in the picture, from left, include Arthur Ogden, foreman of riggers and iron workers; Riggers R. Voiles, D. C. Read, M. Daniel, E. C. Hawkins, carpenter foreman; C. H. Crockett, Rigger W. H. Hunter, E. E. Green, iron worker foreman; D. V. Zehner, assistant general foreman of carpenters; and Carpenters E. Duncan and R. A. Bowling.



A GROUP OF RIGGERS ARE SHOWN HERE USING A FORK LIFT TRUCK to load some transformers on to a tractor-trailer. From left are Riggers R. E. Griffith, C. H. Laughlin, R. Harris, C. E. Jenkins and Rigger Foreman J. W. Rains.

'Men At Work In Y-12—'

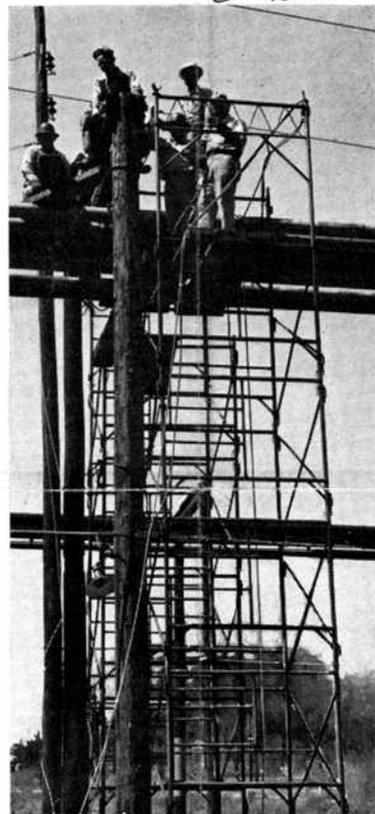
Buildings And Grounds Plays Vital Part In Y-12 Operations With Various Activities

Editor's Note—This is another of a series of "Men At Work" stories describing work of various departments and men whose duties are to see that all functions of Y-12 are carried out smoothly. So varied are the activities in the plant that every employee is a member of the team—whether they wear working clothes in the field or white collars at a desk. This story concerns a part of the many activities of the Buildings and Grounds Department of the Maintenance Division — and more stories and pictures on other functions of the department will be published at an early date.

When a huge piece of machinery weighing many tons requires moving—or a small window frame is to be installed—or a street to be resurfaced or repaired in the Y-12 Plant Area, it is the Buildings and Grounds Department that gets the call to do the job. Riggers, carpenters, iron workers and other skilled workmen in this department are constantly at work throughout the plant to help keep the wheels moving.

The Buildings and Grounds Department has about 300 employees and is in the Maintenance Division

Continued on Page 4



IRON WORKERS AND CARPENTERS get a bird's-eye view of surrounding territory as they work on top of a steel scaffolding to replace old timber supports of a pipe line with new structural steel supports. In the picture are Carpenters W. L. Bohannon and L. C. Littleton, Iron Workers W. Hardy and J. Mitchell and Welder A. K. Masters.

Girls' Club Party To Make Y-12ers Merry

There will be a lot of "whoop-de-doo" Friday night, March 25—that's this coming Friday night—out at The Paragon in West Village in Oak Ridge. That's the date for the "get acquainted" party arranged for all Y-12ers and their friends by the Y-12 Girls Club.

The club committee arranging the party and dance is exerting every effort to achieve the club's objective of bringing more and more Y-12 folks together socially in a spirit of greater fellowship and friendship.

To stimulate interest—a couple of attractive door prizes will be awarded some lucky guest during the festivities.

The fun will start at 9 o'clock Friday night and continue until 1 a.m. Music for the dancing will be provided by the Dave Blessing orchestra.

Recreation Program Is Extended To Provide Services To Shifts

Committees Formed To Promote Activities Of Varied Types For Every Y-12 Employee

Steps toward extending the expanded Y-12 Recreation Program to all employees in the shift organization in the plant were taken last week with the appointment of recreation committees for each of the four shifts. The program is receiving the wholehearted support of all Y-12 Shift Superintendents as well as of the employees working on shift schedules. Of course, the objective of the expanded program is to make available the facilities of the Recreation Department to every Y-12er.

At meetings of these shift committees, it is being stressed that the Recreation Department wants to offer its services in aiding in organizing teams in competitive sports such as softball, golf, tennis and other games—and also assistance in staging other recreational activities such as fishing contests, picnics, outings, parties, dances and similar entertainment.

Cooperation Needed

Cooperation of all Y-12ers on shift work is expected in aiding the committees. Meetings for the A Shift and B Shift have been called for Saturday, April 2, in the conference room of Bldg. 9764, headquarters of the Shift Superintendents. The A Shift committee will meet at 11:30 p.m. and the B Shift at 8 p.m. C Shift and D Shift groups will meet on March 25.

The cooperation will include making of suggestions for various recreational activities to the committees and Shift Superintendents. As a result of formation of the shift committees, considerable healthy and friendly rivalry is expected between the shift groups in staging events. These suggestions may be made by telephone to the various committee members in each division, names, division or department names and telephone numbers of whom follow:

Shift Committees Listed

A Shift—Superintendent D. P. Anderson; Chairman J. A. McLain, General Utilities and Steam Plant, 7949; W. M. Boucher, 7279, and D. A. McWhirter, 7756, Chemical; Henry Krouse, Industrial Relations, Manufacturing Office and Technical, 7791; C. A. Hooper, Mechanical Operations, 7904; C. F. Jones, Maintenance, 7-8251; M. L. Sweet, Alloy, 7-8251; Ed Sise, at large, 7573.

B Shift—Superintendent S. F. Creigh; Chairman Carl Frazier, Alloy, 7-8251; Ralph Jeffries, Maintenance, 7114; Bonnie Roberts, Industrial Relations, Manufacturing Office, Technical, 7248; J. F. Russell, Mechanical Operations, 7903; L. E. Kinkaid, Chemical, 7279; W. E. Ramsey, 7-8484, and John Bishop, 7573, at large.

C Shift—Superintendent Del Bender; Chairman J. C. Bryan, Alloy, 7044; L. R. Loveless, Mechanical Operations, 7260; Kyle Taylor, Chemical, 7260; E. M. Hunnicutt, Industrial Relations, Manufacturing Office, Technical, 7272; H. G. Mason, Maintenance, 7639; E. L. Goodwin, 7756, and C. E. Fritts, 7361, at large.

D Shift—Superintendent H. N. Benninghoff; Chairman Emmett Moore, Industrial Relations, Manufacturing Office, Technical, 7791; Walter Sherrod, Mechanical Operations, 7573; R. J. McAlister, Chemical, 7260; Ted Higgins, Alloy, 7-8251; Tom Headrick, Maintenance, 7365; E. L. Huffman, 7737, and E. M. Williams, 7756, at large.

Car Pool Memberships May Be Rearranged

Changes Seen When Shift Busses Cut Off

With discontinuance of the Y-12 plant bus service at shift change times effective April 4, many Y-12ers are expected to find it necessary to rearrange present car pool memberships. With more parking space opening up at the various portals and planned enlargement of some of the lots, parking plans of many employees may be changed.

Busses Hard To Get

The bus service at shift change times is being discontinued because of the difficulty in obtaining the necessary busses to handle the heavy flow of traffic at those hours. However, the service suspension merely covers those shift change time rush periods as the regular bus service within the plant will be continued.

In the Y-12 Bulletin next week a map will be published showing the amount of space that will be available in parking lots for Y-12ers and the buildings most convenient to the different parking spaces. Y-12ers driving to work are urged to closely scan the map and pick out the most advantageous spots for parking.

Ride Ads Can Help

Of course The Bulletin will assist drivers and riders as much as possible through the Rides Wanted and Offered column, which is printed as a public service to all employees.

New Filing Cabinet Signs At Y-12 Security Office

A new supply of those "open" or "closed" signs for filing cabinets is available at the Y-12 Security Office, Bldg. 9704-2, where they may be obtained on request by any Y-12ers responsible for such locked repositories requiring the signs. It has been noticed that a number of these signs have become worn through use in many plant offices and they should be replaced.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
Nine Days Or
323,379 Hours
(Unofficial Estimate)
Without A Lost Time
Accident
Through March 20

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box Y
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

OFFICE
Bldg. 9704-2 Room 223
Telephone 7753

Research Body To Hear Address On Planets

Prof. Alvin H. Nielson, of the department of physics of the University of Tennessee, will address the Oak Ridge Chapter of the Research Society of America at 8 o'clock tonight, Wednesday, March 23. The public is invited to attend



the meeting, to be held in the Oak Ridge Institute of Nuclear Studies Training Building on Administration Road. Professor Nielson's topic will be "Atmosphere of the Planets." He received his Ph.D. degree from the University of Michigan in 1934 and has been associated with the University of Tennessee since 1935. In 1951 he received a Fulbright Research Scholarship that enabled him to study at the Astrophysics Institute of the University of Liege, Belgium, and at the high altitude center at Jungfraujoch, Switzerland. He has served as a consultant to the Physics Division of the Carbide K-25 Plant in Oak Ridge and is well known to research personnel of all the Carbide units in the community.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—
Buford E. Reneau, Electrical Maintenance, March 26.
Woodrow A. Wiginton, Product Processing, March 26.
Kenneth B. Baker, Alpha Five Maintenance, March 26.
Frank L. Hammer, Guard, March 27.
Fred M. Pugh, General Machine Shop, March 27.
William A. Monroe, Cafeteria, March 28.
George M. Kirtland, Superintendents, March 29.
Melville F. McPherson, Guard, March 30.

Wives Of Y-12ers Winners At Card Party Of Group

Two wives of Y-12ers were winners at the monthly card party given by the Carbide Wives last Wednesday night, March 16, in the East Lounge of the Ridge Recreation Hall. A St. Patrick's Day theme was carried out in the decorations with shamrock tallies for bridge and spring flowers also being used.
Mrs. R. T. Wallace, whose husband is a Y-12er, won first prize in canasta with Mrs. D. M. Cox second. Mrs. Charles Robinson, also wife of a Y-12er, won the bingo prize. Mrs. L. H. Fulks won the door prize and Mrs. H. A. Mahlman and Mrs. Virginia Malone were first and second in bridge. Prizes were awarded the winners and refreshments served.



Well—let's not dally around—so here goes with the social news of the place.

MAINTENANCE

Of course, and naturally, **W. E. Phillips**, Field Maintenance, is real proud of his Airman 3/C son, **Gene A. Phillips**, who has been assigned recently to the Amarillo, Tex., Air Force Base as a jet fighter student mechanic after earlier duty at the Lackland Base—the youngster is a Farragut High School graduate . . . A flock of vacationers without destinations reported include **J. D. Morris**, **E. Edwards**, **C. M. Mills**, **G. M. Renfro**, **J. T. Roland** and **W. L. Johnson**.

Airman Phillips

Sam Bryant, Buildings and Grounds, reports his eldest daughter, **Mrs. Mary VanDeveler**, of Worland, Wyo., and her husband, the Rev. Frank R. Vandevelder, are in Guatemala as a teacher and missionary respectively.

Ed Bittle, Planning and Estimating, was separated from his appendix last week—getting well quickly, thank you.

Working on his new home in Oliver Springs occupied **Leonard Nation**, Salvage, while vacationing last week.

Electrical Maintenance sends get-well wishes to ailing **R. L. Carpenter** and **J. P. Ross**.

Beta Two Maintenance was congratulating **C. R. Smith** last week on the arrival of a new baby . . . **E. L. Soard** is vacationing this week.

Alpha Four and Five Maintenance joins in sending rapid-recovery wishes to **H. G. Ellard**, ill in the Oak Ridge Hospital.

INDUSTRIAL RELATIONS

The Fire Department hopes that **Capt. Emmett Moore** is able to get out of the Oak Ridge Hospital and return to the job soon—**C. C. Butler** also is ill at home.

Irene Reed, of Personnel, is all smiles these days—her husband is home after being discharged from the Navy.

Sue Shults, The Bulletin's reporter from the Guard Department, vacationed last week with her husband, of Oak Ridge National Laboratory, before he begins his stint for Uncle Sam . . . One of those mix-ups that slip into print occasionally put **George W. Boggs**, of the boys in blue, in the janitorial department when his 10-year service was recognized—oops, sorry, it is a pleasure to set things right.

ALLOY

Beta Two is congratulating **W. J. Hobson** on his recent marriage . . . **Natalie Potter** was a recent week-ender in Cincinnati. **W. J. Whitaker**, of Beta Four, visited relatives and friends over in Andrews, N.C., last week end. . . **Rosie Strong** will be back soon from her illness—it is hoped.

TECHNICAL

Civil and Architectural Engineering is glad to know that **Dorsey (Dokie) Bruner** is out of the hospital and at home and doing well.

Mechanical Engineering's **Bill Hood** is a vacationer . . . **Phillip Shelly** terminated last week to resume studies at the University of Tennessee and best wishes accompanied him.

R. E. Reuffner was welcomed as a newcomer to Health Physics last week.

Ted Sprague was welcomed back to Analytical Development after being out ill.

Special Testing gave newcomer **E. R. Martin** a welcome last week.

MANUFACTURING OFFICE

Martha Parks, Plant Records, visited up in Portsmouth, Ohio, last week . . . **Evelyn Brackney** was among the sick folks last week to receive get-well wishes . . .

Richard Humphrey is vacationing this week at home in Knoxville. . . **Jean Gasaway**, accompanied by **Sue Gragg**, of the Cashier and Travel Office, spent the past week end with **Lennis McCartha**, a former Plant Records employee, down in Rome, Ga.

T. W. Sizemore and **B. A. Price**, Receiving and Shipping, are vacationers this week . . . **C. L. Coley** is among the ailing.

Property Sales' sick list includes **Ulis Wallace**, out with pneumonia; and **C. G. McCulley** recovering from an operation . . . **Ross Eichorn's** wife is in the Oak Ridge Hospital and receiving best wishes for a rapid recovery from his and her friends.

Ruth West, Material Control, is still in the Oak Ridge Hospital, and **Gertrude Gentry** joined the sick list last week—rapid-recovery wishes to both.

MECHANICAL OPERATIONS

The General Machine Shop extends sincere sympathy to **Mike Shemanski**, whose father died March 13 in Frackville, Pa. . . Looks like a general retreat from Oak Ridge with several shoppers moving into new homes—**J. W. Young** in Oliver Springs, **J. H. Byrd** on Nubbins Ridge, **Bearden** and **L. B. Morrow** in Kingston . . .

C. E. Holt visited an ill brother at Morristown, Tenn., last week end and **F. L. Newson** had a similar unpleasant visit to make to his parents in Leeds, Ala.—folks in the shop hope all concerned will get well soon . . . Get-well wishes also to **C. S. Petty**, seriously ill in Ft. Sanders Hospital in Knoxville—also to **L. D. Smith** and **B. E. Blackburn**—likewise to the young baby of **C. B. Williams** in Baptist Hospital in Knoxville . . . **C. L. Hill**, of A Shift, is a happy angler as he reported the catch of seven rainbow trout averaging one and a half pounds each in Rocky River over around McMinnville, Tenn., while on a visit to Ed Byrd, a former Y-12er . . . **T. E. Brantley** is vacationing within the confines of his own lawn in LaFollette this week . . . Last week vacationers were **J. B. Daniels** and **P. J. Arrowood** . . . **Jim Thorpe** week-ended in Chattanooga.

MECHANICAL OPERATIONS

J. L. Blalock is having no part of these premises this week—he is vacationing up in Bristol to become acquainted with a new son born March 9 . . . More natal news concerns **B. T. McClure** and his missus who became parents of a son, **Joseph Steven**, born February 21 at Kingston . . . **R. Mason** is another vacationer up Bristol way . . . **H. L. Brown** is vacationing for a couple of weeks but keeping the destination a security secret . . . The **H. W. Hensleys** had his brother, **Claude**, from Portsmouth, Va., as a recent guest . . . **H. B. Thacksten**, **J. A. Collins** and **R. S. Knott** are back after recent illnesses and hopes for similar returns in the near future are expressed for **R. D. Ball** and **L. C. Hammons**, in the Oak Ridge Hospital, and also to **John Walpool**.

For a sign-off this week, here's an appropriate quotation from **The Argonne News**, of the Argonne National Laboratory of AEC—
"The final test of a true gentleman is his respect for those who can be of no possible service to him."
How true—how true.

Carbide and Carbon Chemicals Company produces nearly 400 synthetic organic chemicals. They are basic products for every industry.



Lieut. and Mrs. James B. Hopkins

Playhouse Will Offer Comedy As Next Show

"The Lady's Not For Burning" will be the next offering of the Oak Ridge Community Playhouse, scheduled for March 31 and April 1 and 2. The play will be staged at the Jefferson Junior High School auditorium with curtain time being 8 p.m.

A radical departure from the general type of Playhouse offerings of the season, the comedy by Christopher Fry is peopled with delightful characters in an uncomplicated plot. The setting of the play is 15th Century England, giving the costume crew an opportunity to deck out the actors in gorgeous medieval clothing.

Phil Breman, of the Y-12 Chemical and Industrial Engineering Department, is production manager for all of the Playhouse offerings this season. In "The Lady's Not For Burning" a number of Carbide employees in the Y-12 Plant Area and members of their families are in the cast, including **May Blake**, **Richard Lyon**, **Paul Blakely** and **Irvin Spievak**.



Get-well wishes are sent the following Y-12 employees who were patients in the Oak Ridge Hospital last week—

T. C. Long, **E. E. Ramsey** and **V. A. Mattox**, Buildings and Grounds; **M. E. Ward** and **L. C. Hammons**, B Mechanical Operations; **Glenn Perry**, Stores; **John G. Byrd** and **V. R. Sexton**, Beta Two; **Lilly E. Cobble**, Transportation; **Otie Vermillion**, Product Processing; **L. R. Bledsoe**, Field Welding; **J. H. McCulley**, Field Maintenance; **C. E. Smith**, E Mechanical Operations; **Emmett L. Moore**, Fire Prevention and Control; **Ruth J. West**, Material Control; **H. G. Ellard**, Alpha Five Maintenance.

Y-12 Credit Union Officials To Attend State Convention

Practically all of the officers of the Y-12 Employees Credit Union and some of the office staff will attend the annual state convention of the credit unions of Tennessee at the Reed House in Chattanooga March 25-26.

Planning to attend are **A. M. Schrader**, president of the Y-12 Credit Union; **R. C. Kelly**, vice president; **A. J. Fisher**, secretary; **Mrs. Lorena Causey**, treasurer; **J. P. Blakely**, assistant treasurer; **W. O. Elam**, chairman of the educational committee and **M. J. Fortenberry**, past president. Also attending will be **W. L. Coggins**, of the supervisory committee and **W. R. McGill**, **C. V. Ketron** and **C. M. West**, of the credit committee. Other credit unions in Oak Ridge also are expected to be represented at the state convention.



HOPKINS—McWILLIAMS

Two Y-12 fathers are parents of the principals in the March 3 wedding of Second Lieut. James B. Hopkins, United States Army and a former Y-12 employee; and Miss Patricia Ann McWilliams. The bride is the daughter of Mr. and Mrs. Gene McWilliams, her father being a foreman in the Y-12 Janitorial Department. **C. B. Hopkins**, Buildings and Grounds Department Superintendent in Y-12, and Mrs. Hopkins are parents of Lieutenant Hopkins.

After a honeymoon spent in Ohio, Lieutenant Hopkins left last Thursday for Puerto Rico, where he will be stationed for some time. His wife will join him in about a month.

Lieutenant Hopkins (known to many friends and sports fans as "B.B.") is a graduate of Oak Ridge High School and the University of Tennessee. At high school he was a football star and while at the university he was captain of the baseball team and made All-American in 1953. He was in the Reserve Officers Training Corps at the university and was commissioned in June, 1954, shortly after graduating. He reported for active duty in September last year and had been stationed at Ft. Benning, Ga., until his assignment to Puerto Rico.

He was employed in Y-12 during several summer vacation periods while still a student and played on plant basketball and baseball teams.

The wedding was held at the Central Baptist Church, Oak Ridge, with the Rev. Kenneth Combs, pastor, officiating. The bride wore a white lace and organza gown with her veil being held in place by a Juliet cap. She carried a bouquet of pink carnations.

Miss Jackie King was maid of honor. Lieut. William D. Asbury, another former Y-12er, served as best man to the groom.

Metal Process Conference Set For Knoxville May 6-7

Tool and mechanical engineers of Y-12 have been invited to attend a Metal Processing Conference May 6 and 7 at the University of Tennessee in Knoxville. The conference sponsors include the Knoxville-Oak Ridge and Atlanta chapters of the American Society of Tool Engineers and the East Tennessee Section of the American Society of Mechanical Engineers. Many Y-12ers are members of the local organizations.

Lectures and discussions at the conference will cover various aspects of casting, developments in metal cutting research and production topics such as press working of metals, drilling and tapping. The university's mechanical engineering department and extension division are assisting with the program.

Students, Parents Invited To Ga. Tech. Alumni Meet

Y-12 parents of junior or senior class students in high school who are interested in attending a technical school after high school graduation—and the students themselves—are invited to a meeting sponsored by the Georgia School of Technology Alumni Association of Oak Ridge next Wednesday night, March 30. This meeting will be at 8 o'clock in Room A-245, Oak Ridge High School.

Dean C. Griffin, of Georgia Tech., will be guest speaker at the meeting. A film on "Life at Georgia Tech." also will be shown.

GOLF AND SOFTBALL MEETINGS SET FOR APRIL 7

Robins Beat ORNL 43-35 For Tourney Title

★ ★ ★ 6-7591 ★ ★ ★



CHAMPIONS IN ACTION—HERE ARE THE Y-12 ROBINS GOING TO work in the Southern Appalachian Basketball Tournament. No. 11 in the center circle is Ruby O'Kain. At her left on the line is Helen Brown, then clockwise come Nell McGinnis, Sue Strange, Lois Secrest and Bonnie Roberts. The Robins won the tournament crown for the second straight year Saturday night.

MVP Ruby O'Kain Tallies 17 Points

Good Team Play Wins; Mathis Ousts Cards

With vengeance and victory in their hearts, the Y-12 Robins romped on the Oak Ridge National Laboratory lassies by 43 to 35 last Saturday night in Knoxville to win the Southern Appalachian Basketball Tournament championship for the second straight year. The triumph was particularly sweet for the Robins, who had been trimmed by the Lab lassies thrice previously in the regular season.

Secrist Stars On Defense

Team play brought the win to the Y-12ers and it was Ruby O'Kain whose 17 points led the scoring. Her all-around play won her tournament Most Valuable Player honors for the second year in a row. Nell McGinnis got 11 tallies in the victory and Sue Strange six. Lois Secrest played an outstanding defensive game for Y-12. Others getting into the game and giving a good account of themselves were Shirley Brown, Bonnie Roberts, Gearing and Johnson.

Ruby O'Kain

Pris Savage, a former Robin; and Mary Foley, a former K-25 Bluebelle; scored 14 points each for ORNL.

The Y-12 Cardinals were eliminated from the tournament by the Mathis Chemical Co. quintet, of Knoxville, in a Thursday night game. The Cards previously had beaten Mathis and lost to K-25.

Wood Felled By Poison Ivy

The unfortunate Cardinals had two strikes on them before their final game against Mathis even got underway. First, Don Wood, stellar forward who has been scoring in high figures all season, turned up with an attack of poison ivy and didn't even make the trip to Knoxville. Then, the Mathis squad turned up with added starter reinforcements picked up from somewhere — and that was the story. The score was 71-53.

The hard-fighting Y-12ers were behind by 27-16 at the end of the first period and although being outscored by only two points in the second stanza, the red and white just couldn't catch up and the Mathis cagers slowly pulled out in front. Ralph Taylor had 19 points and Walt Lovell 17 for the Cards. Lew Fitzgerald tallied nine and Palo O'Neal eight. Myers with 27 topped the winners with Joe Eldridge getting 16 and Hubbs 12. Tommy Bartlett, who last faced the Cards as a player with the Yale-Towne Lock Co. team of Lenoir City, got into the act with eight points and Hatfield scored eight.

Helen Brown Leads Robins

With four girls scoring double figures, the Robins had an easy time with the Knoxville General Hospital lassies in their 47 to 29 triumph. The hospital hoopers previously had whipped ORNL, three-time winners over the Robins during the regular season. Helen Brown got 12, Sue Strange and Nell McGinnis 11 each and Ruby O'Kain 10 in this Robin victory. The Robins forged ahead by 13-5 at the first rest stop and held a comfortable lead throughout as the team clicked well in all departments.

Croquet—a wicket game.

Y-12 SPORTS

Zupan's 212 Triplet Aids Y-12 Bowlers To Climb Near Top

Paced by Frank Zupan, who rolled a prodigious "triplet" of three consecutive scratch games of 212 for a 636 series, the Y-12 men's varsity bowling team on Monday night, March 7, finally got the break that they hope will enable them to climb to the top of the Oak Ridge City Bowling League. The Y-12ers took a three-point victory over the Oak Ridge National Laboratory pinmen and drove to within two points of the league-leading Clinton Bedding Co. team which was whitewashed by the Broadacre keggers. The Clinton team is composed entirely of Y-12 employees. The season has six more weeks to go.

For his triplet, Zupan will be awarded a shoulder patch by the American Bowling Congress in recognition of the feat.

Zupan was not alone in some good bowling for the Y-12ers. Joe Pryson also had a 212 game to round out his string of 168 and 170 for a 550 series. Frank Gragg had a well-balanced 524 series composed of games of 153, 188 and 183. Other Y-12 scores were Jack pears 152, 160, 144—456 and Ernie Cobble 139, 112 181—432.

ORNL took the first game of the match by 845 to 824 but the Y-12ers rallied and took the next two by 842 to 780 and 932 to 845, for a total pinnage of 2470 to 2598.

Riflemen Routed By Labster Gunmen

The Y-12 rifle team dropped both scratch and handicap firing to Oak Ridge National Laboratory last week to land in third place in the league. The next bout for the Y-12ers will be on Thursday night, March 31, against the K-25 men's team.

The Labsters outfired Y-12 by 891 to 871 scratch and 971.945 to 968 handicap. In both scratch and handicap firing the first five Y-12ers ranked the same with scores being W. R. McIntosh 182, 195.153; R. L. Vanderpool 176, 194.300; L. E. Hedrick 175, 193.692; C. G. Brewster 171, 192.904; and W. A. Sahr 167, 192.594. Others firing for Y-12 were R. W. Miller, H. J. Finger, J. E. Gilstrap, C. V. Redding, J. H. Stewart and J. D. Pattie.

Hot Race Continues In C Bowling Loop

With time running short, the Hot Wires and Rusty Five kept up their torrid race in the C League last week, the Hot Wires holding their three-point lead by taking three points from the Glass Arms while the Rusty Five beat C Shift by the same margin. The Hornets blanked the Q Balls and the Deltas handed the Screw Balls a similar defeat.

Individual scoring was split four ways. Bill Hays, Rusty Five,

Team Managers Are Urged To Attend

Banner Seasons Seen For Popular Sports

Meetings for organization and planning of golf and softball activities for Y-12ers during coming spring and summer months have been set for April 7 by the Y-12 Recreation Office. Successful seasons are predicted for both popular sports for Y-12ers.

Golfers are urged to meet in the Recreation Office, Room 221, second floor of Bldg. 9704-2, at 10 a.m. on Thursday, April 7.

The softball meeting will be held at 1 p.m. the same day in Room 217, second floor, Bldg. 9704-2.

Although everyone interested in either or both sports is urged to attend the meetings; managers of representatives of existing or prospective teams are particularly urged to attend. Groups or departments wanting to enter teams in league competition for either sport and who have not yet formed their own organization are urged to do so at once and be sure to have a representative at the April 7 meetings.

Golf Interest Has Grown

Interest in golf has grown continually during the past few years and keen competition was exhibited in plant league play last year as well as in the several tournaments arranged during the season. For the coming season, in an effort to extend facilities of the Recreation Office as far as possible for all golfers in the plant, tentative plans call for organization of leagues not only in Oak Ridge but also in Knoxville, Harriman, Rockwood or other communities in which a number of Y-12ers reside that might warrant formation of such leagues. Play for two-man teams as well as four-player teams is contemplated, depending on the interest shown in the sport.

Major Participation Sport

Softball has been a major employee-participation sport in Y-12 for the past several years and this year is expected to be no exception. The Recreation Office wants to extend the facilities of the office to as many Y-12ers as desire to take part in the sport.

To this end leagues for both fast pitch and slow pitch players are contemplated. To accommodate as many players as possible, all schedules will be designed to provide employees on shift schedules an opportunity to play at convenient hours when they are not on the 3 p.m. to 11 p.m. schedule.

For the further convenience and entertainment of softball players, if they desire, plans will be made for the formation of two leagues in the fast pitch group. One will be for the more advanced players and the other for less talented or experienced performers.

League To Play At Pinewood

Y-12 Plant Leaguers again will perform on the Pinewood Field this summer. This field now is being put in shape for seasonal play.

had a 189 scratch game and Booher, C Shift, a 226 handicap game. The best scratch series was a 514 by Cantrell, Deltas, and Cubbey, Hornets, had a 798 handicap series. The Hornets had the best team scratch scores with a 798 game and 2265 series. The best handicap game was 1001 by the Rusty Five and the top handicap series a 2808 by the Deltas.

League standing follows:

Team	W	L
Hot Wires	32	12
Rusty Five	29	15
Hornets	25½	18½
C Shift	21½	22½
Deltas	21	23
Q Balls	18	26
Glass Arms	17	27
Screw Balls	12	32

16 Y-12 Teams Seek Honors In All-Carbide Tournament

Bowlers of Y-12, K-25 and the Oak Ridge National Laboratory will take to the alleys at the Oak Terrace during the coming two week ends to vie for cash and glory in the annual All-Carbide Bowling Tournament. The Y-12 plant is represented by 14 men's teams and two feminine combinations with a large majority of the team members also competing in singles and doubles.

Y-12 Keglerettes Blank Baileyites To Take Loop Lead

Although not bowling in top form, the Y-12 women's varsity keglerettes bounced the previously league-leading Bailey Motors lassies for a whitewash victory last Thursday night at the Oak Terrace alleys to forge into first place in the Oak Ridge City League. The Y-12ers lead Management Services by two full points in the final third of the season, after coming out on top in the first and second rounds of play.

The Y-12ers posted games of 713, 721, 751—2185; against 692, 699, 744—2135 for the opposition. Individual scoring for the winners was Ruby O'Kain 150, 136, 180—466; Juanita Reed 122, 190, 145—457; Betty Whitehorn 154, 139, 149—442; Mavis Koons 143, 128, 150—421; and Dot Park 144, 128, 127—399.

Bumpers Regain Top Spot In B League

The bumptious Bumpers bounced right back into the lead in the B League of plant bowlers last Thursday night after a one-week absence with a whitewash victory over Bldg. 9211. At the same time the Rippers fell from the spot they held for seven days by losing three to the Tigers. Four-point wins also were posted by the Has Beens over the Swingsters, the All Stars over the Cubs and the Rebels over the Wasps. The Wolves grabbed three from ADP.

Charley Gillihan, of the Tigers, took most of the individual scoring honors with a 227 scratch game, boosted to 263 with handicap, and a 650 handicap series. C. Smith, of the Has Beens, posted a 557 scratch series for tops. The Rebels had the top single game scores of 961 scratch and 1097 handicap. The best scratch score was 2524 by the Has Beens while the Tigers'

Schedules for the tournament have been distributed to the various Y-12 teams and individuals. Competition for teams will be staged on Saturday and Sunday, March 26 and 27, with singles and doubles being held on April 2 and 3. One Y-12 feminine team will bowl on Saturday, April 2.

The Y-12 men's teams entered in the tournament are the Wolves, Cubs, Swingsters, Rippers, Wasps, Hornets, Bumpers, Tigers and Rebels, all of the B League; the Hot Wires, Deltas, Screwballs and C Shift, of the C League; and an unattached team composed of Y-12ers in the Maintenance Division rolling under the name of Park City. The two women's teams entered are the Y-ettes and the Bowops, with members of the Y-12 women's varsity team bowling on each team.

Of the nine major types of plastics produced, Union Carbide and Carbon Corporation makes five of them: vinyls, phenolics, styrenes, urea, and polyethylene, and miscellaneous group that includes the new fluorothene and epoxy resins.

2953 handicap series was best of the night.

League standing follows:

Team	W	L
Bumpers	18	6
Rippers	16	8
Swingsters	14	10
Has Beens	14	10
All Stars	13	11
Cubs	12½	11½
ADP	12	12
Rebels	12	12
Wasps	12	12
Wolves	11½	12½
Tigers	8	16
Bldg. 9211	1	23

CARBIDE AND CARBON CHEMICALS COMPANY
 A Division of
Union Carbide And Carbon Corporation
 Post Office Box Y
 Oak Ridge, Tenn.

(RETURN POSTAGE GUARANTEED)

Sec. 34.66 P.L.&R.
 U. S. Postage
PAID
 Oak Ridge, Tenn.
 Permit No. 71

Buildings, Grounds Work Vital In Y-12

Continued from Page 1
 under Supt. R. A. Walker. The department superintendent is C. B. Hopkins.

The department is divided into three sections with different duties assigned each group. One of the groups is Buildings, Roads and Grounds under General Foreman J. W. Minchey. This group has the carpenters and roads and grounds employees. Assistant General Foreman D. V. Zehner and P. Y. Miller head these activities. Another group is concerned with riggers and heavy equipment. The riggers and iron workers are under direction of Assistant General Foreman George Howard with A. F. Ogden and E. Gillespie holding ratings as foremen. The heavy equipment, hauling and special assignments are under Avery F. Kendig, also an assistant general foreman. The third group handles the garage and transportation under Nelson L. Tibbatts as assistant general foreman. Z. S. Humphreys is garage foreman and J. H. Seivers is transportation foreman.

Since most of the pictures accompanying this story concern the rigger and heavy equipment activities—here is some of the work performed by that group. Whenever a bulldozer or giant crane is seen rumbling along Y-12 streets—it's assignment stems from that group. The men who grapple with the huge objects frequently moved in the plant are the riggers, who also change and splice cables in various types of rigs such as the bulldozers and cranes. To the ironworkers fall the tasks of fabricating and erecting various structural work such as stairways, catwalks, handrails, pipe brackets and other work that are a vital part in the plant operations.

These men—as well as those in the other groups in the Buildings and Grounds Department—are definitely members of the team in Y-12 without whose services plant operations would be badly hampered.



GEORGE BANIC, FORMER Y-12-er now with the Oak Ridge National Laboratory Stable Isotope Division and stationed in the Y-12 Plant Area, is shown above, center, accepting the post of commander of the Oak Ridge Power Squadron. At left is G. J. Angele, Chemical and Industrial Engineering, a past commander of the squadron. At right is Dr. Victor Hudson, Mobile, Ala., Fifth District commander of the United States Power Squadron, guest of honor at the annual election meeting of the local squadron.

Safety Award Pick Deadline Set Friday

Friday, March 25, has been set as the deadline for the return of all Y-12 individual safety award selection cards to the Safety Department. For the convenience of Y-12ers and members of their families who have not yet made their selections, pictures of the 17 articles offered are published at the bottom of this page.

The awards now being selected are for the 13th and 14th Carbide Safety Periods established in the Y-12 Plant Area. The inclusive dates for the 13th Period were from September 24 to December 22, 1954 while the 14th Period dates from January 12 to March 10. Carbide employees on the payroll during those periods are eligible to receive an award for each.

Persons on the payroll during those periods who since have terminated—except those terminated through reduction in force—are not eligible for awards.

Orsorts Beat Bombers For Plant League Championship To End Successful Season

The B Bomber basketballers of the Y-12 Plant Basketball League couldn't break the jinx held over them throughout the season by the Orsort cagers, the latter outfit posting a 55-46 victory in the second and deciding game of a playoff series to determine the plant basketball championship for this season. The playoff game on March 15 was another ding-dong battle between two sharp but friendly rivals and brought to a finish one of the closest and most successful league seasons in the plant's history.

Second Period Settled It

The Orsorts followed their usual pattern of victory in winding up the title. They got out in front early and stayed there. A 13-9 margin after the first period was widened to 14 points as the half time score was 31-17 with the second period surge of 14 points by the Orsorts to only eight by the Bombers being the deciding factor of the game. In the third period the Bombers blasted back with everything they had and posted a 14 to 10 advantage to bring the Orsorts' margin to 10 points. A final period battle found the Bombers posting 15 points, but the Orsorts got 14 and that was that.

Gene Rogers was the scoring ace for the Orsorts with 16 points and Bill Burch was right behind with 15. However, it was the team play that brought the triumph. J. Baker got 14 for the Bombers.

Teams Had Identical Records

The two fine finalist teams had identical records of seven won and one lost in both the first and second halves of the season and after a first half playoff game had to be postponed a couple of times, the rivals decided to battle it out in a best of three series.

The only two losses suffered by the Bombers during the regular season were at the hands of the Orsorts, which took a 58-39 decision in the opening round and a 48-46 win in the second. The only loss by the Orsorts on the hardwood during the regular season was inflicted by the Owls, the surprise team of the second half, who knocked off a 43-42 win. The Orsorts got their schedule signals switched in the first half and were charged with a forfeit for the only other blot on the slate.

RADIOACTIVITY MEASURED

One of the "timepieces of tomorrow" on display at the National Jewelry Fair in Chicago recently has a dial which measures the amount of radioactivity in the air, according to the Washington Daily News.

APPETIZING DISHES ON MENU FOR Y-12 CAFETERIA LUNCHES

Appetizing dishes have been selected to offer as entrees on the 50-cent Special Lunches to be served tomorrow, Thursday, March 24, and next Tuesday, March 29, at the Y-12 Cafeteria. The main dish for Thursday of this week will be stuffed bell peppers with cheese sauce. For next Tuesday the entree will be fish cakes with creole spaghetti. One vegetable, choice of salad or dessert and rolls and butter also are served with the Special Lunches.

Rides Wanted, Offered

Ride Wanted—From Burlington section, Knoxville, to Central Parking Lot, C Shift. Bill Kerr, plant telephone 7464, home telephone 2-4357, Knoxville.

Ride Wanted — From Lenoir City to East Portal, straight day. Maola Connor, plant telephone 7930, home telephone 456, Lenoir City.

Two Riders Wanted—From La-Follette, B Shift. Jim Claiborne, plant telephone 7076.

Want To Join Car Pool — From Knoxville, via Oak Ridge Highway, to West Portal, B Shift. D. H. Stephens, plant telephone 7932, home telephone 5-1502, Knoxville.

Ride Wanted — From vicinity Pond Gap Road and Sutherland Ave., West Knoxville, to Central Parking Lot, straight day. Carl Roddy, plant telephone 7640, home telephone 5-0659, Oak Ridge.

Two Riders Wanted — From Clinton to Central Parking Lot, straight day. L. A. Michaels, plant telephone 7102, home address 213 Hillcrest St., Clinton.

Riders Wanted—From vicinity of Western Ave., Knoxville, via Oak Ridge Highway to East or North Portals, straight day. W. T. Bradshaw, plant telephone 7391, home telephone 5-4498, Knoxville.

Want To Join Car Pool—From Knoxville to any Y-12 portal, straight day. Jack Workman, plant telephone 7797.

Ride Wanted Or Will Join Car Pool—From Fountain City to Bear Creek Portal, A Shift. George Marcus, plant telephone 7-8251, home telephone 6-5421, Knoxville.

The spectacular jet-piercing machines developed by Linde Air Products Company to flame-drill blast holes with oxygen in taconite iron-ore beds stand nearly 60 feet high and weigh over 45 tons.

DID YOU KNOW THAT?

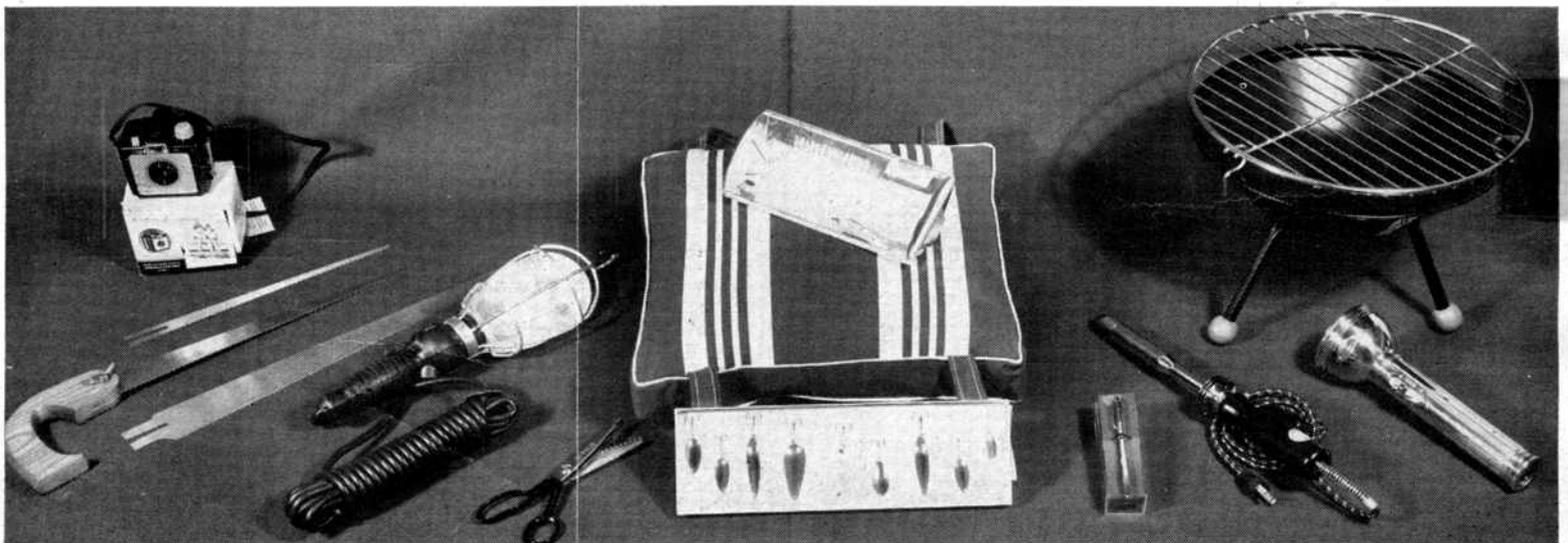
ONE INCH CUBE OF URANIUM HAS AS MUCH POTENTIAL POWER AS 300,000 GALLONS OF GASOLINE!

IN PORTLAND, OREGON, PEOPLE CAUGHT JAYWALKING ARE SENT TO SCHOOL WHERE THEY LEARN THE RIGHT WAY TO CROSS A STREET.

Visiting Speakers Listed For Two Seminar Sessions

Visiting speakers will appear on programs of two Oak Ridge Physics Seminar sessions on Friday, March 25. The first meeting will be at 10 a.m. in the chemistry conference room of Bldg. 4500, Oak Ridge National Laboratory, with Richard H. Capps, of the University of Wisconsin, being the speaker. His subject will be "The Scattering of Gamma Rays by Nucleons." At 3:15 p.m. in the auditorium of Bldg. 4500, ORNL, Dr. P. S. Jastram, of Washington University, St. Louis, Mo., will speak on "Nuclear Orientation Experiments."

The hope, and not the fact, of advancement is the spur to industry—Sir Henry Taylor.



SHOWN ABOVE ARE ALL OF THE 17 ARTICLES FROM WHICH carbide employees in the Y-12 Plant Area are selecting individual safety awards for the 13th and 14th Carbide Safety Periods established here. In the top picture is a wall can opener, Thermos bottle, woman's compact, fish landing net, bench vise and Esquire shoe shining set. Below is shown

a Brownie camera, saw set with three blades, trouble light, pinking shears, boat cushion and life preserver, woman's brush and comb set (on cushion), set of nine fishing lures, Paper-Mate pen, soldering iron, three-cell flashlight and charcoal grill. The deadline for turning in selection cards is Friday of this week, March 25.