

Y-12 SAFETY RECORD FOR 1953 TOPS 1952



THE TWO KEY COMMITTEES OF THE Y-12 EMPLOYEES Credit Union with newly elected personnel begin their work for the year. At left is the Credit Committee, from left being Paul Blakely, C. V. Ketron, Ralph Jeffries, W. R. McGill and Chairman Ernest Cobble. The Supervisory Committee is at right, from left being Chairman Charles Gillihan, A. K. Bissell and F. W. Shook.

ASTE To Name Heads; Hear Daugherty Talk

Election of officers and an address by an outstanding engineering educator will feature an important meeting of the East Tennessee Chapter of the American Society of Tool Engineers, next Tuesday night, February 2. The meeting will be held at 7 p.m. in Rooms 205-206, Oak Ridge High School and all Y-12 members of the organization are urged to be present by M. B. Hilton, of the Y-12 Mechanical Engineering Department, chairman of the section.

Chapter Formed Year Ago

The chapter was formed just a year ago and has grown steadily with members in both Knoxville and Oak Ridge, many of them Y-12 employees.

In addition to Chairman Hilton, Lon McNeil, also of the Y-12 Mechanical Engineering Department, will complete his first term of office as treasurer of the group. Other retiring officers are First Vice Chairman Charles Lasseter, assistant professor of mechanical engineering at the University of Tennessee; Second Vice Chairman Leonard Miller, chief tool designer of the Fulton Sylphon Co., Knoxville; and Secretary Burton Simcox, of the Snap-Vent Co., Knoxville.

Dean Daugherty To Speak

The tool engineers will hear an address by Dean N. W. Daugherty, head of the University of Tennessee Engineering School. His topic will be "The Professional Engineer in Tennessee."

McBirney Is Vice President, Hibbs Director Of Chest

H. C. McBirney, executive assistant in the Superintendents Department of Y-12, has been elected vice president of the Oak Ridge Community Chest for the coming year. He will succeed Dr. C. P. Keim, of the Isotope Research and Production Division of Oak Ridge National Laboratory in Y-12, as head of the organization.

Roger S. Hibbs, Laboratory Division Head in Y-12 who was chairman of the highly successful Chest campaign in Y-12 last autumn, was elected to a three-year term on the Chest board of directors.

'SHRIEKS' DEPLORED

The New York News editorially deplores the "shreddery shrieks" about atomic and hydrogen bomb dangers and praises Former AEC Chairman Gordon Dean's advice that the United States impress the Kremlin that aggression will be met with swift retaliation.

Fortenbery Reelected Head Of Y-12 Credit Union For 1954

Morris J. Fortenbery, of ADP Development, was reelected president of the Y-12 Employees Credit Union at the first meeting of the recently elected board of directors held last Friday afternoon. Other officers named by the board for the current year were Allen True, Electrical Engineering, vice president; Mrs. Lorena Causey, reelected treasurer; Fred M. Henry, Buildings and Grounds, assistant treasurer; and A. J. Fisher, Security, secretary. Mrs. Causey also is office manager of the credit union.

Other members of the board of directors are A. M. Schrader, ADP Maintenance; and J.P. Snodgrass, Receiving and Shipping.

Fortenbery has served as president of the credit union continuously since November 7, 1951 when he was elected by the board to succeed Joe L. Williams, Alloy Division, when the latter resigned. Fortenbery then was elected to serve full terms in both 1952 and 1953.

Much credit for the efficiency and growth of the Y-12 Employees Credit Union during the past year was given by Fortenbery and other officials of the organization to the work of the Education Committee under the chairmanship of W. K. Prater, of the Oak Ridge National Laboratory Isotope Research and Production Division. This group of about 25 members kept Y-12ers informed as to benefits offered by the organization and in the proper method of filling out application forms. This work was declared to have greatly aided the office force and also contributed to the increase in membership of 523 during the year to a total of 2,647.

Officers of the credit union last week pointed out that the loan delinquencies of the organization was extremely low, being only .6 per cent of the outstanding loan balance of \$464,577.16 at the end of 1953. The average for credit unions throughout the country is between seven and eight per cent.

Girls Club To Hold Valentine Dance Friday, February 12 At Jefferson Hall

A Valentine dance sponsored by the Y-12 Girls Club will be held on Friday night, February 12, from 9 p.m., until 1 a.m. at the Jefferson Recreation Hall. Bill Pollock will furnish the recorded music for the big shindig. A contribution will be taken at the door to help defray expenses for the dance. The announcement of the

Plans Being Rushed For Shift Classes

Plans are being pushed as fast as possible for the opening of university credit classes for Carbide shift workers by the University of Tennessee Division of Extension and the Oak Ridge Adult Education Program. George W. Gleaves, coordinator of the division who has been handling details of the proposed classes, indicated that registration will begin in the near future. Signers of survey forms for the program will be notified personally by letter as to the exact registration dates.

The university and AEP now are making arrangements for room in the Oak Ridge High School for the classes. Instructors also are being obtained for the work.

The number of Carbide people on shift work filing survey forms for the proposed classes was raised to 200 last week. More than 50 of the forms were signed by Y-12ers. These surveys contained 375 requests for specific classes. Proposed courses in engineering drawing and mathematics refresher have proven the most popular in the surveys.

COSMIC WATCH DESIGNED

A cosmic stop watch designed to measure the lifetime of certain mesons has been developed by scientists at the Los Angeles campus of the University of California, according to the Cincinnati Enquirer.

Testing Body To Hear National President

Dr. G. H. Tenney, national president of the Society for Non-Destructive Testing, will speak to the Oak Ridge Chapter of the SNT at 8 o'clock next Monday night, February 1, when the group will recognize "national officers night." The meeting will be held in Room A-129, Oak Ridge High School, the first room to the right on entering the building from Providence Road.

All Y-12 members of the Oak Ridge Chapter of SNT are urged to attend the session. George E. Isham, of the Y-12 Chemical Department, is secretary of the chapter; Charles N. Knowles, Special Testing Department, is treasurer; and Forrest E. Clark and V. C. Jackson, of the same department, are members of the board of directors. Jackson is a former president of the chapter.

Dr. Tenney's topic will be "Industry and Non-Destructive Testing." He is a recognized authority in the field, having spent more than 20 years in this capacity. As a national officer he will report on the organization's overall activities.

Dr. Tenney graduated from the University of Vienna, Austria, in 1935 with a doctorate degree in electrical engineering. He came to the United States and became a naturalized citizen in 1943. Since the early days of the Manhattan District he has been with the Los Alamos Scientific Laboratories where he is in charge of non-destructive testing facilities.

State Petitioned To Take Edgemoor Road, Build Span

Petitions to Gov. Frank Clement, State Highway Commissioner W. M. Leach and other state officials asking that the Edgemoor Road leading from the Knoxville-Clinton Pike to Oak Ridge be declared a state road and that the state build a new bridge across the Clinch River at the Edgemoor settlement. The proposed new bridge would replace the present one-way span that is a traffic bottle neck for the many Y-12 and other Carbide employees using this route to Oak Ridge from Powell, Heiskell, Knoxville, Fountain City and other points in Knox and southern Anderson counties.

Y-12ers wishing to sign the petition are asked to stop at one of the stores at the eastern end of the Edgemoor span where the petitions have been placed for signature. Proponents of the new road and bridge declare they have several hundred names now signed to the petitions.

Time Lost Up But Work Hours Also Increased

Disabling Accidents Total 15 For Each Of Last Two Years

The Y-12 safety record of 1953, that included a Company record-breaking string of 3,126,787-hour period of accident-free operations, showed a definite improvement in many respects over the 1952 figures, particularly in view of the fact that a much larger number of work hours were posted in 1953 than in the previous year.

Severity, Time Lost Increased

In only two categories was the 1953 mark inferior to the 1952 record. One was in the matter of the severity rate, which is the number of days lost per 1,000 hours of operations. The 1953 record was .30 per cent as against only .13 for the preceding year, an increase of 130.8 per cent. The other was in the number of days of work lost and charged. In 1953 the mark was 2,773 against 1,166 for the previous year, an increase of 58 per cent.

These increases should be taken into consideration with the fact that the number of hours worked in the Y-12 Plant in 1953 totaled 9,383,106 against 8,645,075 in 1952.

There were 15 lost time accidents in the Y-12 Plant during each of the past two years.

Despite the increase in employment and number of hours worked, the frequency rate of accidents in 1953 of 1.60 was eight per cent better than the 1.74 rate posted in 1952. The frequency rate is the number of accidents per 1,000,000 hours of operations.

Minor Injuries Show Drop

The number of minor injuries in the plant last year also were less than in 1952. These are injuries in which employees are treated at the Medical Department and returned to work without a loss of time being charged. The 1953 record was 3,590 as against 4,187, a decrease of 14.3 per cent. The frequency rate for minor injuries was 485.14 in 1952 and 383.0 in 1953, another decrease of 21.1 per cent.

In other accidents reported to the Safety Department not involving injuries to employees decreases also were noted in the 1953 figures over the 1952 marks. Mishaps involving government motor vehicles dropped 8.3 per cent as only 11 were reported in 1953 and 12 the preceding year. There were

Continued on Page 4

SAFETY SCOREBOARD

Your Plant Has Operated
13 Days
Without A Lost Time Accident
Through January 24

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 P
Oak Ridge Tenn.
GEORGE W. DOBBS . . . Editor

OFFICE
North Portal Bldg. 9701-1
Telephone 7753

Secretaries Offered Course By University

Y-12 women in the secretarial field will be given an opportunity to learn the latest office techniques in a course now offered by the University of Tennessee Night School at both Oak Ridge and Knoxville. The course may be used by secretaries who are preparing to take the Certified Professional Secretary's examination given annually by the National Institute for Certifying Secretaries and sponsored by the National Secretaries Association.

One section of the Certified Professional Secretary's course is being held at 7 p.m. each Tuesday and Thursday in Room A-129, Oak Ridge High School. The other section will be held on Mondays and Wednesdays at 7 p.m. in Room 65 of the new Business Administration Building of the university on Temple Ave., Knoxville. Enrollment still can be made if applicants act at once. The classes opened this week.

Classes will be held for 12 weeks with topics to be covered including handling incoming and outgoing mail, postal information, duplicating processes and machines, reception procedures, filing systems and routines, letter writing, clerical shortcuts, sources of business information, preparing statistical reports and job analysis and evaluation. University credit may be received if desired and the fee for the course is \$25.

Y-12ers wishing further information may obtain it from the Oak Ridge Adult Education Office, Oak Ridge High School, telephone 5-6316; or the University of Tennessee Night School Office, Knoxville telephone 4-2981, Extension 354.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: E. F. Poe and J. L. Crawford, Electrical Maintenance; Barton B. Thornton, Stores; Roy E. Ballew, Steam Plant; J. B. Kendricks, Laundry; Perry H. Bullard, Maintenance Shops; John C. Gallimore, Health Physics; Fred E. Daniel, ADP Maintenance; J. P. Wheeler, Chemical; Harley L. Allison, Uranium Processing; W. T. McNamara, Planning and Estimating; W. A. Burns, Uranium Analytical; Evelyn C. Watson, Product Processing; F. A. Watson, Alloy Division.

HUNGARIAN GOULASH TOPS SPECIAL LUNCH AT CAFETERIA THURSDAY

Something different is being offered—Hungarian goulash—as the entree on the Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, January 28. The entire Thursday Special costs only 50 cents and includes, besides the entree, a vegetable, choice of salad or dessert and rolls and butter.



Photo By Barnett's Studio Knoxville

Mr. and Mrs. W. R. Whaley



WHALEY—SCHNEIDER

Miss Virginia Carolyn Schneider, of the Library Section of the Y-12 Technical Information Department; was married on January 16 to Wayne Robert Whaley, of Knoxville; in a ceremony performed at the First Christian Church, Knoxville, at 7 p.m. The Rev. Harry R. Cooke, pastor of the church, officiated.

The bride is the daughter of Mrs. Eduard Schneider, of Oak Ridge, and the late Mr. Schneider. Whaley, a Knoxville contractor, is the son of the late Mr. and Mrs. Henderson C. Whaley, of Knoxville.

The bride wore a gown of white lace, worn with a shoulder-length veil held in place by a lace cap. She carried a bouquet of white orchids, hyacinths and lilies-of-the-valley.

Maid of honor was Miss Betty Ann Martin, of Oak Ridge, who wore a dress of Chinese red lace and carried white roses. Miss Martin also is a Y-12er, in the Uranium Analytical Department.

Gordon C. Gilbert, Knoxville, was best man. Following the ceremony, a reception was held at the church with the mother of the bride as hostess.

PETERS—NEELEY

Announcement was made last week of the marriage of Miss Opal Mae Neeley, of the Y-12 Assay Laboratory; to John Elwood Peters, of the Alloy Division in Y-12. The ceremony took place at 2:30 o'clock Friday afternoon, January 15, at the Oak Ridge First Baptist Church with the Rev. Madison Scott, pastor of the church, officiating.

The bride is the daughter of Mr. and Mrs. John H. Neeley, of Benham, Va. Peters is the son of Mrs. Theodore H. Peters, of Rockwood, Tenn.

The bride graduated from the Valley Institute High School, Bristol, Va., and the groom from Rockwood High School.

BIG BONUSES EARNED

The Grand Junction, Col., Sentinel says that Sheldon P. Wimpfen, manager of the Grand Junction Operations for the Atomic Energy Commission, has disclosed that uranium miners of the Colorado Plateau have received \$2,535,000 in bonuses for production from new mines. The bonus payments are reported to be continuing at a rate of \$125,000 monthly.

"It is not the finding of a thing, but the making something out of it after it is found, that is of consequence"—James Russell Lowell



Wag down in Safety comes up with this health note—"Sleeping at the wheel is a good way to keep from growing old." So—on with the show—

MAINTENANCE DIVISION

The Maintenance Shops Department extends a hearty welcome to **Bobbie Cooper**, who returned last week after an extended illness. . . . Congratulations go to **Walter Sherrod**, who is the proud papa of a baby girl, born January 17 at Fort Sanders Hospital in Knoxville weighing seven pounds nine and one-half ounces—they named the little tot Rosemarie. . . . Sympathy is extended to **C. M. McAmis**, whose father died last week in Lenoir City. . . . And sympathy goes to **C. C. German** at the death of a sister in Livingston, Tenn. . . . Also sympathy is extended to **B. F. Jones** on the death of his father-in-law in Bristol, Va. . . . Get-well wishes go to **W. R. Warwick** and to **M. O. Brannon**, who were on last week's sick list. . . . **A. D. Douglas** is spending a two-week vacation at home in Oak Ridge. . . . **Lloyd Baker** vacationed last week with his father in Chattanooga.

Folks in Field Maintenance extend sympathy to **A. R. Melton**, whose father passed away recently at his home in Etowah. . . . And sympathy is extended to **E. F. Sosby**, whose father died recently in Georgia. . . . Get-well wishes go to **J. E. Herrin** and to **W. C. Laughlin**, who were on last week's sick list. . . . **J. O. Harvey** is on a week's vacation. . . . **Elmore Koons** has been thumbing through road maps and automobile catalogs lately—looks like he wants to travel.

The Salvage Department extends get-well wishes to **G. E. Fielden's** father, L. L. Fielden, who is a patient in the Baptist Hospital in Knoxville.

The Laundry Department extends sincere sympathy to **Nancy Case**, whose husband died on January 17, in Oak Ridge.

Vacationers this week from Buildings and Grounds are **J. H. Guess** and **W. T. Bailey**. . . . **C. M. Waddell** and a brother spent his recent two-week vacation on a hunting trip up around Louisville, Ky., which Waddell reports was very successful.

The Alloy Development Maintenance Department extends sympathy to **B. R. Spradlen**, whose father-in-law died last week at New Market. . . . A speedy recovery is wished for **E. H. Burns'** wife, who was a patient last week in the Oak Ridge Hospital.

The Transportation Department extends sympathy to **A. A. Agee**, whose mother, Mrs. Murray S. Agee, died on January 20, at Jacksboro, Tenn.

The Electrical Maintenance Department welcomes **A. F. Kasey**, **B. G. Roe** and **R. L. Bolden** to the roster. . . . Congratulations are extended to **F. A. Brand**, on the birth of a baby son. The youngster arrived on January 18 at Fort Sanders Hospital in Knoxville, weighing in at seven pounds, eight ounces, and promptly acquired the name of Billy Vann Brand.

ENGINEERING DIVISION

The Chemical and Industrial Engineering Department extends the best of luck and good wishes for **Hobey Thomas** and **Joe Kidd**, who terminated Friday to work in Newport News, Va. . . . Get-well wishes go to **J. P. Lawless** and **Byron North**, who were on last week's sick list.

Technical Engineering extends wishes for a speedy recovery to **Joan Sharp**, who is ill.

CHEMICAL DIVISION

Product Processing folks welcome **J. R. Fracker** to the roster—

he is a co-op student from V.P.I. . . . The department welcomes **M. C. Wiest** back to work after an illness.

The best way to save face is to keep the lower end of it shut.

SUPERINTENDENTS DIVISION

The Technical Information Department extends sympathy to **Terry Keener** over the death of her grandmother, Mrs. J. T. Keener, January 19, at Lenoir City.

DEVELOPMENT DIVISION

Folks in SDA Development are glad that **Thelma Karnes** is out of the hospital and is on the mend at her home in Knoxville.

MANUFACTURING OFFICE DIVISION

The Stores Department extends wishes for a speedy recovery to **B. B. Thornton**, who is in the Oak Ridge Hospital following a recent automobile accident. . . . The folks down that way are glad to have **Fred Bailey** back to work after an absence because of a shoulder injury received in a recent fall.

The Receiving and Shipping Department extend get-well wishes to **Clem Jones**, who is ill at his home in Lansing, Tenn. . . . Sympathy is extended to **Pat Keener**, whose mother-in-law died January 19, in Lenoir City.

The Tool Department extends get-well wishes to **Bill R. Cobb**, who was on last week's sick list.

The Timekeeping Department welcomes **R. P. Davis** back to work after an illness.

The Property Sales Department have had **Lou Hafer**, from Paducah, Ky., visiting them for two weeks.

Your temper is one of the things that will improve more the longer you keep it.

INDUSTRIAL RELATIONS DIVISION

Sue Wassom, Wage Standards, was given a surprise birthday party by friends and co-workers one day last week at the Knights of Columbus Hall.

M. D. Carr, Guard, has returned from a recent week's vacation. . . . Fellows returning from a two-week vacation last week were **C. Cogdill**, **G. W. Boggs**, **A. J. Ballinger**, **Sherley Honeycutt**, and **L. D. Lyles**. . . . **H. H. Neal**, **C. E. Alcorn** and **W. E. Honeycutt** were vacationing last week.

ALLOY DIVISION

J. P. Seagle, of Alloy, had his brother, Sgt. W. H. Seagle, from the Walker Air Force Base, Rosewell, N. M., visiting him last week in Oak Ridge. . . . **Tony Caputo**, a former Y-12er in the department, was a visitor in Oak Ridge last week. He is now in the Army and was en route to an Army base in Virginia.

Hey Garcon—that's all there is, there ain't no more this time, so pick up the feet and let's go to press.



Congratulations to the following Y-12 employees who became fathers of babies born recently at the Oak Ridge Hospital—

John Noey, Electrical Engineering, boy, January 15.

L. O. Jones, ADP Maintenance, girl, January 15.

C. E. Hefflenberger, Field Maintenance, January 18, girl.

Otis M. Vermillion, Product Processing, boy, January 21.



Miss Lynda M. Turner



TURNER—GILLIAM

Mrs. Frances C. Aland, Sr., of Detroit, Mich., announces the engagement of her sister, Miss Lynda M. Turner, of the Y-12 Superintendents Department; to Guy P. Gilliam. The bridegroom-elect is employed at the K-25 Plant of Carbide in Oak Ridge.

The wedding will take place at the Oak Ridge First Baptist Church at 1 o'clock Sunday afternoon, February 28.

The bride-elect is the daughter of the late Mr. and Mrs. Milton A. Turner, of Morristown, Tenn. Gilliam is the son of Mrs. J. M. Gilliam, St. Charles, Va.

FERGUSON—ORLANDO

The engagement of Miss Marcelle Ferguson, of the Y-12 Assay Laboratory, to Nicholas Thomas Orlando, football coach and instructor at the Jefferson Junior High School in Oak Ridge, has been announced by parents of the bride-elect, Mr. and Mrs. R. B. Ferguson, of Iva, S. C.

The wedding will be performed at 10 o'clock Saturday morning, March 20, at St. Mary's Church, Oak Ridge.

Orlando is the son of Mrs. Mary Orlando, Walden, N. Y.

The bride-elect has been in Oak Ridge since 1944. She is a graduate of Lander College, Greenwood, S. C., and taught home economics for one year at McCormick, S. C.

Orlando is a native of New Jersey, later moving to New York state. He graduated from the University of Rhode Island and received his master's degree from the Teacher's College of Columbia University, New York City. He taught in Rhode Island State College, now the University of Rhode Island and two years at a Connecticut high school.

Conservation Club To Show Films At Public Meeting

The Oak Ridge Conservation Club, with a large number of Y-12ers on its membership list, will meet at 8 o'clock tomorrow night, Thursday, January 28, in a session to which the public is invited. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

Two interesting pictures will be shown. The first is "Water Wilderness," filmed in the Florida Everglades by E. I. Dodd, of Atlanta, Ga. This will be followed by "Island Oddities," a picture of marine life in the West Indies.



ENTRIES POUR IN FOR Y-12 BOWLING TOURNAMENT

Maintenance Clinches First Half Crown In Popular Y-12 Plant Basketball Loop



THE FAST MOVING MAINTENANCE CAGERS, FIRST half of the season champions of the Y-12 Plant Basketball League are pictured above. Front row from left, Floyd Kyte, Bill Malcolm, Clyde Carter and Phil Copeland. Back row from left, R. E. Justice, J. H. Jones, Roy Gilbert and John Sewell.

Y-12 Women Cagers Trounce Harriman; Men Drop Pair In Knox Metro League

The Y-12 women's varsity basketball team notched another fine victory last week over the Harriman lassies 57 to 26. The Robins jumped to a 25 to 14 lead at the halfway mark and breezed to a fine finish. Ruby O'Kain burned in 28 tallies to take scoring honors followed by Helen Brown who dumped 12 markers through the hoops and Nell McGinnis also came through with 12 points. The Y-12 women hit 15 free throws to improve their shooting percentage at the free throw line. Defensive standouts for Y-12 in the Harriman encounter were Lois Secrist and Geneva Gearing. Whitson, Harriman forward, scored 14 points to lead the losers.

The Robins are scheduled to return the Harriman game this Friday night, January 29 at 7:30 p.m. and tonight Wednesday, January 27, the Y-12 lassies are booked to go against the K-25 K-Dettes in an Oak Ridge City League contest at 7:30 p.m. at the Oak Ridge High School gymnasium.

The men's varsity team dropped a pair of tough games in the Knoxville Metro League last week. The first game was lost by a score of 44 to 50 to Kelso Oil and

Cant Hooks Tied For C League Top

The Cant Hooks handed the Scrw Balls a four-point defeat last week in the C League at the Oak Terrace alleys to go into a deadlock with the Hot Wires, who won three from the Uranium Control Junior Varsity, for first place. The Hornets handed the Glass Arms a three-point defeat while the Hooks tripped the Rusty Five, also by three markers.

E. B. Galloway, of the Hooks, blasted the pins for a 212 scratch game, boosted to 240 with handicap and went on to roll a 566 scratch series, increased to 650 with handicap. Galloway only had a 62 for the first five frames but came back and rolled seven consecutive strikes to post his 212 scratch game. Team honors went to the Hornets with a 823 scratch game, boosted to 1015 with handicap, a 2243 scratch series, increased to 2786 with handicap.

League standing follows:

Team	W	L
Hot Wires	15	1
Cant Hooks	15	1
Rusty Five	12	4
Hornets	10	6
Hooks	5	11
Screw Balls	3	13
UCJV	3	13
Glass Arms	1	15

Second Half To Start With Six Teams

Those rampaging Maintenance cagers wrapped up the first half championship of the Y-12 Plant Basketball League last week at the Jefferson Junior High School by taking the Duds 41 to 18.

Aces, Sparks Join League
The second half of the season is slated to get underway next Monday night, February 1, at 6 p.m., at Jefferson. Two new teams will be fighting for the second half championship. The Aces, managed by Herbert Oliver and the Sparks, managed by Morris Bailis, will be entered in the loop to start the second half.

The Duds gave Maintenance a tussle during the first quarter but seemed to tire as the game progressed. At halftime Maintenance pulled ahead 17 to 7 and hung on to a comfortable lead for the rest of the contest. Bill Malcolm, Maintenance forward, dumped in 17 points to take top honors for the night and J. H. Jones, starting his first game for the newly crowned champs, tallied seven points. Jones also played a good floor game and took his share of the rebounds. Frank Winstead, big forward for the Duds, chipped in with nine points for the losers and Nabors, Duds center, came through with seven.

Engineers Win Second Game
In the other plant league game played last week, the Engineers hung up their second win of the season with a 41 to 33 win over ADP. This was a well-played game with the score getting closer as the tilt progressed, ADP got off to a slow start but picked up steam as the contest moved along. Jim Cook, tall Engineer center, scored 13 points for the winners and also took everything off both backboards. Howard Phillips, sharpshooting forward for the Engineer quintet, continued his fine playing with 10 points and intercepting passes from all spots on the hardwood. Hobey Thomas, playing his last game for the winners, scored eight points and bowed out of the Y-12 Plant League in a blaze of glory. Thomas will be missed by Manager Walter Simmons but Bill Carden and Jim Turner are expected to strengthen the Engineer lads considerably. Pat King, ADP guard and one of the smoothest performers in the league, scored 13 points for the losers and Brazil, guard for ADP, racked up nine tallies.

The schedule for next week follows:
Monday, February 1—6 p.m., Duds vs Engineers. 7:15 p.m., Maintenance vs ADP. 8:30 p.m., Aces vs Sparks.
League standing follows:

Team	W	L
Maintenance	5	0
Engineers	2	3
ADP	2	3
Duds	1	4

Second Half Starts In D Bowling Loop

The D League got off to a good start in the second half of the season last week at the Central alleys with the Peons moving out in front with a whitewash victory over the Unknowns. The Rollers and Orphans split their four points. Other league action saw the Sooners roll for record due to the absence of the Vectors, who will make up their match later.

Joe Dunlap, of the Orphans, rolled a 196 scratch game and a 536 scratch series. George Schierbaum, Orphans, racked the pins for a 220 handicap game while Hill, Rollers, bowled a 476 handicap series. The Orphans took the

spotlight in team scoring with a 800 scratch game, a 2294 scratch series, boosted to 2723 with handicap. The Rollers got into the act with a 959 handicap game.

League standing follows:

Team	W	L
Peons	4	0
Orphans	2	2
Rollers	2	2
Unknowns	0	4
Sooners	0	0
Vectors	0	0

An Ohio man got 10 years in jail for putting an obstruction on a railroad track. The obstruction was his automobile on which installations were overdue.

Y-12 SPORTS

Roy Roberts To Pilot Cards This Season

H. Babb, C. B. Hopkins To Serve As Assistants

The Y-12 men's varsity softball team held an organizational meeting last week at the Y-12 cafeteria and selected a manager, two coaches and a business manager for the coming season.



Roy Roberts

At the meeting Roy Roberts, of Health Physics, was named manager of the team. Roberts will be assisted by Harold Babb, of Maintenance Shops, and C. B. Hopkins, of Buildings and Grounds. Babb also will serve as business manager of the team.

Leaders Are Well-Known

All of the newly selected mentors are well known in Y-12 sports activities. Roberts previously managed the Cardinals in 1951-52, finishing fourth in the state in 1952. He is a native of Columbia, Mo., and has been an Oak Ridger since 1944. Babb served as manager and coach of the team last year and Hopkins is remembered by many Y-12ers as the former head man of the Y-12 baseball team several seasons back.

Cards Have Good Prospects

Prospects are bright for the Cardinals this season as the team has many returning veterans from last year's outfit which won 42 games and lost only eight. Practice for the Cards is expected to get underway about April 1.

Attending the meeting last week were Recreation Supervisor, Bill Stanton, Robert Loy, Walter Sherrod, Walter Simmons, Kayo Montgomery, James Seivers, Gene Huskisson, Dick Wyrick, Raymond Caton, Morris Perry, Harold Babb and Ralph Pearson.

Wheels Roll Way To Mixed Loop Top

The Wheels rolled their way to the Mixed League top last week with a whitewash victory over the previous league leading Pin Balls while the Papis moved into second place with a four-point win over the Ponies. The Cards evened their totals with four wins and four defeats by posting a whitewash victory over the Rams. Other action saw the Hubs roll to a three-point win over the Spotters.

Ruby O'Kain, Cards, tallied a 221 handicap game, a 495 scratch series and a 618 handicap series. Gib Hatmaker, also of the Cards, marked up a 525 scratch series and a 609 handicap series. Juanita Reed, Papis, came through with a 187 scratch game while N. H. Moon, Papis, rolled a 224 handicap game. Harold Ratjen, Rams, got into the act with a 189 scratch game. Team honors last week went to the Papis with a 646 scratch game, a 1899 scratch series, boosted to 2310 with handicap. Other team honors were taken by the Cards with a 790 handicap game.

League standing follows:

Team	W	L
Wheels	7	1
Papis	5	3
Pin Balls	4	4
Ponies	4	4
Hubs	4	4
Cards	4	4
Rams	3	5
Spotters	1	7

Plant Event Set February 6

Wolves Defend Title Against All Teams

Entries for the ninth annual Y-12 plant bowling tournament have started pouring into the Y-12 Recreation Office. The big shindig is slated to be held at the Oak Terrace alleys on February 6, 7, 13 and 14. The deadline for entering the tourney is today, Wednesday, January 27.

Leagues To Have Schedules

As soon as all the entries are received the Y-12 Recreation Office will frame a complete schedule with times and alleys announced. The schedules will be distributed at the regular weekly bowling sessions of the four plant leagues. Bowlers are reminded to report and be ready to roll 15 minutes ahead of this scheduled time. Tardiness will result in a forfeiture.

The Wolves are the defending men's team in the plant having rolled a 2676 scratch score at last year's tournament. The 66s had a 3053 handicap mark to take top handicap honors during the 1953 tourney. In the singles events Arnold Tiller racked up a 597 scratch and George Schaefer rolled a 705 handicap mark to take top honors. These marks will get a thorough testing during the 1954 tournament. Last year's Y-12 Plant Champion, Roy Roberts, will be back to defend his title against all comers.

Practically every team and individual bowler, both men and women have entered the tournament. Competition in team play, doubles, singles and mixed doubles will be held. Men and women will compete only in their own divisions except in mixed doubles.

Any Y-12 employees or any bowlers rolling in a Y-12 league who have bowled 15 games in any ABC or WIBC league as of January 1 are eligible to enter the tournament. Individual handicaps of bowlers as of January 1 will be used in the tourney.

The complete results of the 1953 tournament serving as marks for all bowlers to strive for during the 1954 event follow:

- Men's Teams**
Scratch Wolves 2676, handicap 66s 3053.
- Men's Singles**
Scratch Arnold Tiller 597, handicap George Schaefer 705.
- Men's Doubles**
Scratch Roy Roberts and Jack Spears 1165, handicap W. A. Freels and Tom Hillard 1276.
- Men's All Events**
Scratch Roy Roberts 1716, handicap Arnold Tiller 1888.
- Men's High Single Games**
Scratch Paul Petretzky 228, handicap W. L. DeRieux 264.
- Women's Teams**
Scratch Controllers 1980, handicap Curvettes 2807.
- Women's Singles**
Scratch Lonnie Holtzkecht 489, handicap Dot Park 626.
- Women's Doubles**
Scratch Dot Park and Joan Sharp 866, handicap Park and Sharp 1178.
- Women's All Events**
Scratch Park 1354, handicap Park 1813.
- Women's High Single Games**
Scratch Ruby O'Kain 202, handicap Park 241.
- Mixed Doubles**
Scratch Mary Ballard and Joe Pryson 1073, handicap Betty Whitehorn and Howard Peckman 1040.

Rides Wanted, Offered

Riders Wanted—From Holston Hills, Burlington or Park City sections of Knoxville, straight day. Kay Underwood, plant telephone 7125, home telephone 3-0763, Knoxville.

Riders Wanted — From North Knoxville, Lincoln Park section, to East Portal, straight day. H. J. Powell, plant telephone 7953, home telephone 4-4765, Knoxville.

Energy and persistence conquer all things. Benjamin Franklin.

CARBIDE AND CARBON CHEMICALS COMPANY
 A Division Of
Union Carbide And Carbon Corporation
 P. O. Box P.
 Oak Ridge, Tenn.

Sec. 34.66 P.L.&R.
 U. S. Postage
PAID
 Oak Ridge, Tenn.
 Permit No. 3

(RETURN POSTAGE GUARANTEED.)

Horszowski To Appear In Concert Next Week

Mieczyslaw Horszowski, Polish-born pianist with an international reputation as one of the world's leading pianists, will be the third artist to appear on the current guest-artist series sponsored by the Oak Ridge Civic Music Association. He will appear in concert next Wednesday night, February 3, at 8:15 o'clock in the Oak Ridge civic auditorium in the high school building.

Horszowski was in Oak Ridge several years ago with the New York Quartet, an instrumental group, and was acclaimed for his performance. He has attracted a following of thousands as a recital pianist in the United States, Europe and South America.

His Oak Ridge program will consist of "Tombeau de Couperin," by Ravel; Beethoven's "Sonata in D Minor, Opus 31, No. 2," "The Tempest" and after an intermission he will present the "A Major Sonata, Opus 120," by Schubert; and the Handel Variations by Brahms.

One of the few "child prodigies" to fulfill the promises of his early career, the Polish pianist amazed European critics at the age of five years by his performance from memory of the Bach Inventions. He made his debut in the United States at 14 at Carnegie Hall and since then has toured extensively, once giving a recital before Pope Pius X and frequently playing as soloist with leading European orchestras.

Dr. Davidson, Center Attend Atomic Submarine Launching

Oak Ridge Carbide units were represented at the launching of the atomic-powered submarine Nautilus last week by Clark E. Center, Vice President in charge of the Company's atomic activities for plants here and at Paducah, Ky. Dr. J. G. Davidson, President of the Company, also attended the launching at Groton, Conn., when Mrs. Dwight D. Eisenhower formally christened the revolutionary craft.

A former Oak Ridger who worked here during World War II and who has since gained fame through his work in designing the Nautilus, Rear Adm. H. G. Rickover, also was prominent on the program of the launching.

Y-12ers Invited To Attend February 5 Meet Of Seminar

Scientific and technical personnel in Y-12 are invited to the next weekly meeting of the Oak Ridge Physics Seminar to be held at 3:15 o'clock Friday afternoon, February 5. The meeting scheduled for January 29 has been called off because of a meeting of the American Chemical Society in New York. The speaker at the February 5 meeting will be J. E. Francis, of the Oak Ridge National Laboratory Physics Division. His topic will be "Double Line Linear Amplifier." The meeting will be held in the auditorium of Bldg. 4500 at ORNL.

Attendance Record

Dept.	MAJOR LEAGUE		1-17-54	1-10-54
	More Than 50 Employees Scheduled	Percentage Absent		
2008	0.7	1	1	1
2077	1.0	2	9	9
2690	1.4	3	6	6
2142	1.68	4	3	3
2005	1.73	5	18	18
2091	2.0	6	4	4
2617	2.3	7	7	7
2003	2.9	8	15	15
2001	3.07	9	11	11
2619	3.08	10	8	8
2026	3.13	11	17	17
2618	3.6	12	12	12
2108	3.7	13	10	10
2015	3.8	14	13	13
2060	3.9	15	14	14
2018	4.0	16	4	4
2014	4.2	17	16	16
2002	6.3	18	2	2
2257	7.9	19	19	19

Group absentee percentage was 2.9 per cent, .5 per cent higher than the preceding week.

Dept.	MINOR LEAGUE		1-17-54	1-10-54
	15-49 Employees Scheduled	Percentage Absent		
2093	0.0	1	1	1
2107	0.0	1	1	1
2231	0.0	1	1	1
2025	0.0	1	8	8
2216	0.0	1	10	10
2145	0.0	1	13	13
2090	0.8	7	9	9
2140	1.1	8	1	1
2143	1.2	9	7	7
2046	1.8	10	18	18
2260	2.10	11	17	17
2200	2.14	12	1	1
2094	2.5	13	16	16
2301	2.8	14	16	16
2230	3.0	15	15	15
2252	3.5	16	19	19
2144	5.55	17	20	20
2743	5.55	17	12	12
2139	6.3	19	—	—
2096	7.1	20	14	14
2303	8.0	21	1	1

Group absnte percentage was 2.6 per cent, remaining the same as the preceding week.

The plant average for the week ending January 17 was 2.9 pr cent, .4 per cent higher than the preceding week.

Y-12 Safety Record For 1953 Tops 1952

Continued from Page 1
 92 fire alarms sounded in 1953 as against 124 in 1952, a decrease of 25.8 per cent. Other miscellaneous accidents involving property damages showed four in 1953 and 10 in 1952, a decrease of 60 per cent.

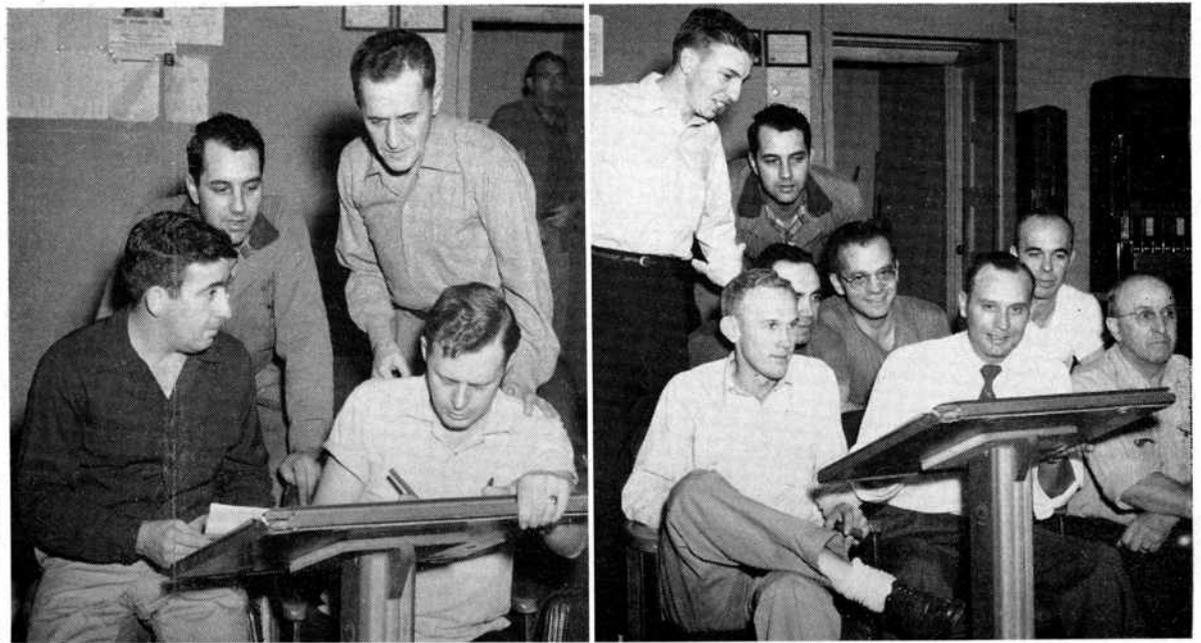
1949 Best Year Statistically
 Statistically, the year 1949 was the best safety-wise in Y-12. In that year only three lost time accidents were reported, the frequency rate was .86 per cent and the severity rate .12 per cent. The days of work lost and charged were 409. However, the number of employees in 1949 was far below the 1953 figures.

Records for the other full years of operations in Y-12 since Carbide took over the plant in 1947 as to lost time accidents, number of days of work lost and charged, frequency and severity rates follow:

1948—11, 721, 2.50 and .16.
1950—10, 645, 2.63 and .22.
1951—17, 6,464, 2.25 and .85.

During the past six years only one fatality has occurred in Y-12 from an occupational accident. That was in 1951 when an employee was fatally injured while loading a railroad car. A fatality is arbitrarily counted as 6,000 days of work lost.

He that labors and thrives spins gold. John Ray.



TWO IMPRESSIVE TEAMS IN THE Y-12 C BOWLING LEAGUE ARE SHOWN ABOVE. Left photo is the Cant Hooks, front row from left, R. P. Wallace and Otis Rackley. Back row, Curt Ridings (team sub) and P. C. Goins. The Hornets are pictured right, front row from left, J. C. Bryan, J. C. Booher and Ernie Cobble. Second row, Carl Frazier, George Schaffler and Gib Hatmaker. Standing in the rear are Max Cobble and Curt Ridings.

Y-12 Volleyballers Drop City Loop Tilt

The Y-12 varsity volleyballers in the Oak Ridge City League dropped two games last week to the Oak Ridge National Laboratory team. The Y-12ers ended the first half with 10 wins and five losses for third place in the league.

The Y-12 team got off to a good start last week, winning the first game 15 to 11, but the pressure got a little heavy and they dropped the last two games 13 to 15 and 12 to 15.

The Y-12 men have played outstanding volleyball during the first half of action and are to be commended for their fine showing. Included on the Y-12 squad are Bill Moles, manager; Howard Horne, James Gillchrist, H. L. Horton, Andy Anderson and R. E. Patrick.

Rifle Team Third In Oak Ridge Loop

The Y-12 team in the Oak Ridge Indoor Rifle League placed third in both scratch and handicap firing last week at the Oak Ridge Sportsmen's Association range. The Y-12ers scored eight points last week to run their total markers to 55 for the season thus far.

R. L. Vanderpool led the scratch scoring for Y-12 with a 171; followed by C. G. Brewster with 169; R. O. Wollan 163; W. D. Cunningham 161; H. N. Benninghoff 152; W. R. McIntosh 150; Bob McIlhenny 149 and B. R. Cobb 141. Handicap firing also was led by Vanderpool with 194.872; followed by Brewster 194.152; Wollan 192.690; Benninghoff 192.320; McIlhenny 190.982; McIntosh 190.567; Cobb 190.560 and Cunningham 190.457.

The Y-12ers will fire again on Friday, January 29 and any Y-12 employees interested in shooting with the team are urged to communicate with C. G. Brewster, Medical Department, telephone 7554.

Chattanooga Quint Trims Y-12 Cards

The Y-12 Cardinals dropped down to Chattanooga last Saturday night to lose a hard-fought decision to the Jewish Community Center by the score of 55 to 43. The Card cagers had a 25 to 23 advantage at intermission, but a rally by the home folks in the last half gave them the victory.

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company service within the next few days—

- Lloyd A. Tolliver**, Alloy Division, January 28.
- Lonnie R. Hall**, Research Services, January 29.
- Ernest E. Kennedy**, Planning and Estimating, January 29.
- Claude E. Hensley**, Maintenance Shops, January 29.
- Arthur Rogers**, Laboratory Division, January 29.
- James R. Whitcomb**, Wage Standards, January 31.
- Bruce A. Hicks**, Field Maintenance, January 31.
- Mary C. Hickman**, Product Processing, January 31.
- J. T. Williams**, Field Maintenance, February 1.
- Malcolm P. Crews**, Field Maintenance, February 2.
- Benjamin W. Beckham**, Electrical Maintenance, February 2.
- Nels K. Bernander**, Superintendents, February 2.
- Arthur O. Phillips**, Stores, February 2.
- Bethel R. Poston**, Uranium Processing, February 3.

Has Beens Hold Pace In B Pin League

The Has Beens maintained their terrific pace in the B League last week by taking three important points from the Bumpers while the Swingsters moved out of the cellar with a four-point win over the Wolves. The Rippers continued to climb up the ladder with a white-wash victory over Bldg. 9211 and the Wasps took three points from the Strikers. Other league action last week found the Cubs and Rebels dividing four points with the Tigers and All Stars, respectively.

Scoring honors last went to the Rippers with a 894 scratch game, a 2631 scratch series and a 2983 handicap series. The Rebels also got into the spotlight with a 1022 handicap. Individual honors belonged to Len Hart, Rippers, with a 231 scratch game and a 589 scratch series while Charley Gillihan, Tigers, rolled a 251 handicap game and a 650 handicap series.

Team	W	L
Has Beens	21	7
Bumpers	19	9
All Stars	18½	9½
Cubs	17	11
Rebels	16	12
Tigers	14	14
Rippers	13½	14½
Wolves	11	17
Wasps	12	16
Swingsters	10	18
Bldg. 9211	8	20
Strikers	8	20

Varsity Keglers Split City Tussle

The Y-12 men's varsity bowling team in the Oak Ridge City League halved four points with the Central Hardware outfit last week at the Oak Terrace alleys. After winning two points last week the Y-12ers now have a total of 45 wins and 31 losses in City League competition.

Jack Spears had a good night at the alleys last week as he rolled a sizzling 583 series made up of games of 219, 223 and 141 to lead the scoring parade for Y-12. Spears was followed by George Schierbaum with 169, 191, 196—556; Joe Pryson 154, 173, 180—527; Ernie Cobble 158, 192, 180—520 and Frank Gragg 151, 158, 192—501. Team totals for Y-12 were 851, 937, 889—2677 against 855, 947, 821—2623 for Central Hardware.

The Y-12 keggers were slated to roll against the American Legion this week at the Oak Terrace alleys.

Varsity Women Take City Contest

The Y-12 women's varsity keglettes kept up their winning streak last week in the Oak Ridge City League by taking a three-point win from Cas Walker's lassies. The Y-12 women are now four points out in front of the second place Ricker Heating. The varsity pinwomen turned in game totals of 740, 743, 669—2152 against 662, 625, 734—2041 for Cas Walker.

Juanita Reed again led the scoring parade for Y-12 with 146, 168, 178—492; followed by Ruby O'Kain 152, 146, 156—454; Betty Whitehorn 135, 159, 125—419; Mavis Koons 148, 146, 115—409 and Dot Park 159, 124, 95—378.

The Y-12 women are scheduled to roll against Ricker this week at the Oak Terrace alleys.

WELLS' Y-12 RELATIVES WISH TO THANK FRIENDS

The family of Roy Wells, former Y-12er in the Stores Department who died January 6, has asked The Bulletin to extend their thanks to friends who extended sympathy in their bereavement. Two sons, James Wells, Uranium Processing; and Neal Wells, ADP Maintenance; two sons-in-law, Harold Bailey, Electrical Maintenance; and C. W. Smith, Mail Room; and a brother-in-law, O. C. Hartman, Manufacturing Office; are among the survivors who made the request on behalf of the entire family.