

H. B. McCLURE NAMED CARBIDE PRESIDENT

Y-12ers Top Goal For Red Cross In Speedy Drive

\$3,891.36 Reported Raised By Early Monday Morning

Generous Y-12ers again responded in record-breaking time to the "Join and Serve" appeal of the Oak Ridge Chapter of the American Red Cross and early Monday had contributed \$3,891.36 to the worthy cause, it was proudly announced by Ray Barron, Y-12 Plant Campaign Chairman and Office Manager for the Manufacturing Office Division. The plant goal had been set at \$3,750.

Believed Tops For Seventh Year
It is confidently believed by Chairman Barron and members of his plant committee that Y-12 again was the first group in its classification to attain its goal this year. If so, it will be the seventh consecutive year that Y-12ers have been on top in the annual Red Cross drive.

"We Gave 100 Per Cent" signs of red, white and blue, began blossoming all over the plant early Monday morning as the campaign opened. The preliminary returns reaching Chairman Barron were from all divisions, but still incomplete because of absences resulting from illnesses, vacations or other reasons. All of these Y-12ers will be given an opportunity to do their bit for the drive.

Some Get Early Start
Some departments even got early starts last week. For instance, the big Maintenance Shops group has a special fund set up for such purposes and turned in \$411 as its quota even before receiving pledge cards for the first department in the plant to do so. Supt. Ernie Watkins was, of course, proud of this action. Then came Electrical Maintenance soon afterward with its quota of \$266—

Continued on Page 4



Dr. S. C. Lind

Dr. Lind Lectureship Speaker For Chemists

Carbide Consultant Is Tennessee Native

Dr. Samuel C. Lind, one of the country's outstanding chemists and a consultant to Clark E. Center, Vice President of Carbide and Carbon Chemicals Company, will be the recipient of the annual Lectureship Award of the East Tennessee Section of the American Chemical Society. He will be the annual lectureship speaker for the section at sessions to be held in Oak Ridge next Tuesday night, March 9, and also at Knoxville on Thursday night, March 11.

Radiation Chemistry Subject

The Oak Ridge meeting will be held in the cafeteria of the Oak Ridge High School at 8 p.m., preceded by dinner at the Oak Terrace. The Knoxville session will be at the same hour at Dabney Hall, University of Tennessee. At Oak Ridge Dr. Lind's topic will be "Radiation Chemistry," while in Knoxville he will speak on "Physical Chemistry and Radioactivity Then and Now — Some Reminiscences."

Dr. Lind has won many honors in his long career, among them being the Priestly Medal, the highest award of the American Chemical Society. This was presented to him in 1952. He is a former national president of the ACS.

Dr. Lind Born In McMinnville

A native Tennessean, Dr. Lind was born in McMinnville, June 15, 1879. He received his A.B. degree from Washington and Lee University and his B.S. from Massachusetts Institute of Technology. His Ph. D. degree came from the University of Leipzig, Germany, in 1905. He also has numerous honorary degrees.

Dr. Lind is well known in Y-12, where he has spent much time in his official capacity. He also is Director of the Chemistry Division of the Oak Ridge National Laboratory.

Continued on Page 4



Harry B. McClure

Dr. J. G. Davidson Becomes Board Chairman Of Firm

New Leader Mostly Handled Development Of New Chemicals

Harry B. McClure has been appointed President of Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation, it has been announced by Morse G. Dial, President of the Corporation.

Mr. McClure succeeds Dr. J. G. Davidson who becomes Chairman of Carbide and Carbon Chemicals Company and a member of the Appropriations Committee of Union Carbide. Dr. Davidson is also a Vice President of Union Carbide and Carbon Corporation.

Native Of Philadelphia

Mr. McClure was born in Philadelphia. He received the degree of Bachelor of Science in Chemical Engineering and the degree of Master of Science in Chemistry from the University of Pennsylvania; and served as an instructor in inorganic chemistry at this university.

His first position with Union Carbide was as a Research Fellow on the Carbide and Carbon Chemicals Fellowship at the Mellon Institute of Industrial Research, in Pittsburgh. He served as a technical representative for Carbide and Carbon Chemicals Company in the Philadelphia area, and was later assigned to sales development work in New York. In 1936 he became Manager of the Fine Chemicals Division. In 1944 he became a Vice President of Carbide and Carbon Chemicals Company and was appointed Executive Vice President in June, 1953.

Sought New Uses For Materials

For the past 20 years Mr. McClure has been concerned mainly with the development of new chemicals and with the finding of new industrial uses for these materials. He is the author of many technical papers and articles. In 1948 he was awarded the honorary degree of Doctor of Science by Morris Harvey College, and in 1950 he received the first honor award of the Commercial Chemical Development Association for valuable service to the Chemical Industry.

Mr. McClure is a member of many technical and professional societies including the American Chemical Society, the American Institute of Chemical Engineers, the American Institute of Chemists, the Society of the Chemical Industry, the American Association for the Advancement of Science, and the New York Academy of Science.

SENATOR OPPOSES 'GIFT'

Sen. Bourke Hickenlooper, of Iowa and a member of the Joint Congressional Atomic Energy Committee, has reiterated his warning that he opposes "giving away our atomic secrets to any foreign countries," according to the Washington Star.

Camera Club Gives Program For Year

Photographic Group Meets Next Tuesday

In an announcement to the Carbide Camera Club, A. A. Palko, president of the group, has announced the programs for the monthly meetings for the remainder of the year in addition to rules and regulations for the monthly contests staged by the club. The next meeting has been set for next Tuesday night, March 8, at 7:30 p.m. in the club headquarters in the Y-12 East Portal building.

Studio Lighting Talk Set

J. C. Jernigan, an Oak Ridge photographer, will speak at the session on the subject of "Studio Lighting." He also will give a demonstration. The meeting contest will be for black and white small photographic prints on the

Continued on Page 4

Lost Time Accident Snaps Safety String At 45 Days

Y-12's latest string of days without a lost time accident came to an end last Thursday, February 25, when an outside machinist in Field Maintenance suffered a broken leg. At that time Y-12ers had worked 45 days and more than 1,300,000 hours without a disabling accident.

The Safety Department report on the accident said "an outside machinist was working on top of a 15-foot tubular scaffold, stripping pipe from a building. A seven-foot section of pipe four inches in diameter was cut free and as it was being lowered one end hung on an air line. When it was freed the other end of the pipe struck the machinist on the leg above the ankle, causing a fracture. He will be absent from work for about three weeks."

SCIENTIST WANTED!

The Associated Press recently stated in a dispatch from London that the British Ministry of Supply had advertised for a scientist to run Britain's first atomic power station.

'HOT' HENS STOLEN

The Associated Press reports that the theft of radioactive hens from the University of Saskatchewan has ruined an entire year's program of experimental feeding.

SAFETY SCOREBOARD

Your Plant Has Operated Three Days Without A Lost Time Accident Through February 28



THE 1954 RED CROSS PLANT CAMPAIGN COMMITTEE FOR Y-12 IS SHOWN ABOVE. Members of the committee and their divisions, from left are O. W. Briscoe, Laboratory; Bruce Whitaker, Manufacturing Offices; J. L. Hamon, Atomic Trades and Labor Council; Fire Chief W. O. Elam, Industrial Relations; Leroy V. Thornton, Alloy; Chairman Ray Barron, Office Manager Manufacturing Office Division; R. S. Phillippi, Chemical; Ralph J. Langfjoen, Development; Assistant Chairman John Rohland, Manufacturing Office; and Nelson Tibbatts, Engineering and Maintenance. The insert pictures are of Ross Eichorn, Property Sales; and J. V. Ledbetter, International Guards Union of America.

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

Hobby Show Blanks At Recreation Office

Y-12ers desiring to place entries in the Third Annual Hobby Show to be staged Saturday, March 20 by the Oak Ridge City Recreation Department for themselves or members of their families may obtain entry blanks at the Y-12 Recreation Office, North Portal. However, all entries must be taken to the site of the show at the Ridge Recreation Hall on the date of the show. Miss Doreen Kirkland, of the City Recreation Department, is director of the show.

Visitors To Judge Entries

Judging of the five classes of the show will be continued this year and visitors to the show will be asked to vote for their favorite exhibit. The show will be open at 11 a.m. and close at 9 p.m.

The five categories for the show this year will be handcrafts, collections, medals, graphic arts and mechanical and technical.

Handcraft Work Is Varied

The handcraft division will include basketry, weaving, bead work, leather work, belt making, metal craft, embroidery, crocheting, bookbinding, dressmaking, quilting, Indian lore, toy making, furniture making, knitting, wood and linoleum cuts, designing, pottery, sculpture, papier mache, lead casting, soap carving, clay modeling and similar work.

Collections will include glass, coins, stamps, paper money, prints, autographs, shells, stones, historical relics, scrap books, dolls, antiques, leaves, fossils, figurines, maps, pipes, china and other accumulations.

Models To Be Shown

The model category will include airplanes, houses, boats, coaches and railroads.

In graphic arts entries will include snapshots, movies, time exposures, home developing and printing, crayon, pen or charcoal drawings, architectural drawings, oil and water color paintings.

Radio, chemical and electrical displays will be among the mechanical and technical divisions.

The City Recreation Department is expecting the 1954 Hobby Show to have many more than the 42 entries displayed last year.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: W. H. Rice, Civil and Architectural Engineering; Dr. Anne W. Robinson, Medical; Arthur O. Phillips, Stores; John G. Walpool, Uranium Processing; H. H. Martin and J. T. Parker, Maintenance Shops; G. W. Murray and J. E. Davey, Alloy Division; H. E. Robinson, Electrical Maintenance; H. P. Dake, Property Sales; R. L. Henry, Field Maintenance; R. L. Martin, Buildings and Grounds; and Cleveland Cannon, Janitors.



GUESTS AT A KITCHEN SHOWER GIVEN MISS Beatrice Housley, of Employment, a bride-elect who will be wed this spring, are shown in the above picture. Mrs. Ada Hopkins, a fellow employee, was hostess at the affair, given Wednesday, February 24. Among the guests were Lucille Whitman, Irene Reed, Louise Gardipee, Frances Donahue, Betty Jo Butler, Edna Kennedy, Evelyn Pharris, Rosemary Langsjoen, Meta Butler, Judy Reeves, Desma Hutcheson, Vivian Normand, Helen Ross, Esther Moody, Marguerite Collins, Barbara Mills, Ann Housley, Mrs. J. W. Marshall, Mrs. Ray Housley, mother of the honoree; Mrs. Paul Metcalfe, mother of the bridegroom-to-be and Mrs. Trygve Knudsen.



MAINTENANCE DIVISION

C. J. Mitchell, Field Maintenance, is vacationing for two weeks . . . Those listed for a week of vacation include **E. L. Hill, T. L. Boggs, W. R. Jones, E. R. McConkey, W. L. Johnson** and **F. J. Johnson** . . . The department extends sympathy to **E. R. Baxter**, whose father died last week . . . Get-well wishes go to the fellows on last week's sick list which includes **B. F. Butler, H. H. Miller, K. L. Webber, R. L. Henry, D. Adams, C. C. Krisp, S. S. Gray, Marvin Short, C. J. Beckett, W. H. Haun** and **A. L. Sawyer**.

E. R. Bailey, Utilities Maintenance, is on a week of vacation . . . Wishes for a speedy recovery go to **R. E. Mellon**, who was off ailing last week.

T. K. Bishop, Sr., of Maintenance Shops, has returned from a week's vacation at home in Powell . . . **E. P. Webster** and family spent last week's vacation visiting relatives in Charlotte, N. C. . . . Sympathy is extended to **B. J. Kinser**, whose father, **John A. Kinser**, died February 23, in Athens . . . The department welcomes **A. L. Donald, C. E. McMahan** and **C. B. Smith** to the roster . . . Last week's sick list included **L. E. LaRue, H. H. Martin**, a patient in the Oak Ridge Hospital; **J. L. Overton, J. T. Parker, C. Sharp** and **J. Draughn**. The department wishes each of them a speedy recovery . . . **C. C. Chamberlain** had a successful fishing trip to Douglas Lake on a recent Saturday—he hauled in 14 crappie . . . **Frank Yodzukinas** has purchased **Mike Shemanski's** home in Norris, and Mike has taken residence in his new apartment house there . . . **T. H. Jimmerson** took his wife along on a recent fishing trip to Watts Bar Lake and she caught the fish of the day—a three and one half pound bass—**T. H.** also made a big haul. Hoping to get some moving pictures of the trip and fish they took along the camera and his wife rolled off reel after reel (of film—not fishing line), afterwards discovering that she had forgotten to remove the lens cover—resulting in lots of fish but no pictures.

Congratulations go to **J. Dillingham**, of ADP Maintenance, who is the father of a seven-pound eight-ounce boy born February 24 at the Oak Ridge Hospital. They named the little fellow **Frank Edward** . . . **W. F. Cooper** is spending

his week of vacation at his home near Knoxville . . . **A. Q. Gervin** and his wife are off to Luxora, Ark., for a week's visit with relatives . . . **T. L. Monger** is on a two-week vacation, part of which he is spending in Tampa, Fla., where he will go alligator hunting—his co-workers are wondering if he will bring back another rabbit . . . **J. H. Irwin** is also vacationing but nobody knows where.

V. O. Messenger, Research Services, and family are visiting relatives in Iowa this week.

R. M. Hines, of Salvage, spent his week off at home in Lansing, Tenn.

The Laundry Department extends the deepest sympathy to **J. B. Kendrick** on the untimely death of his two-year old granddaughter. His co-workers are glad to know that he is now able to be up and out of the Oak Ridge Hospital after an illness . . . **Laura Kennedy** is vacationing for two weeks.

Buildings and Grounds extends sympathy to **G. W. Chancey** on the death of his mother, **Mrs. Lanoda Chancey**, last week in Copperhill, Tenn. . . . **Homer Green** also was receiving expressions of sympathy last week over the death of his sister, **Mrs. Sarah Pack**, of Madisonville, Tenn. . . . **U. Gadson** is enjoying a week of vacation . . . **W. Rogers** is likewise enjoying two weeks off.

B. H. House, Transportation, is off on a two-week vacation . . . **J. C. Howard** is vacationing for a week.

D. W. Burroughs is the latest addition to Planning and Estimating and a hearty welcome is extended to him.

Electrical Maintenance also has a new member in the department, **D. C. Martin**, and a welcome goes to him.

LABORATORY DIVISION

Earl Price, of Special Testing, is the proud papa of a big bouncing baby boy born February 18, at the Oak Ridge Hospital and folks in the laboratories had to cut their way through the cigar smoke—Congratulations go to Earl on the special event—his first child—and a boy at that!

ENGINEERING DIVISION

Mechanical Engineering extends congratulations to **Lon McNeal** on the birth of a baby daughter

Isaac Stern Concert To Be Given Thursday

Isaac Stern, American violinist, will appear in concert in Oak Ridge at 8:15 o'clock tomorrow night, Thursday, March 4, in the civic auditorium in the high school building. This will be the fourth in a series of guest artist recitals sponsored by the Oak Ridge Civic Music Association.

His program will include the suite by Rameau-Ysaye, the adagio and fugue movements in G-Minor from Bach's Unaccompanied Sonata No. 1, the Brahms Sonata in D-Minor, Sonata in F-Minor by Prokofieff, a Rondo by Mozart-Kreisler, "The Fountains of Arethusa," by Syzmanowski, and "La Campanella" by Paganini.

Stern played in Oak Ridge on February 7, 1948, appearing with the Oak Ridge Symphony Orchestra during the first half of his program and in a solo recital in the second part.



Mr. and Mrs. R. C. Bryan

February 20 in a Knoxville hospital.

Technical Engineering welcomes **Betty Lou Hudnall** to the roster. **C. K. Sanders** is the latest addition to Engineering Services and a welcome goes to him.

The Chemical and Industrial Engineering Department extends wishes for a speedy recovery to **Bryan D. North**, who is off ill.

INDUSTRIAL RELATIONS DIVISION

Capt. Emmett Moore, Fire Prevention and Control, attended the 26th Annual Fire Department Instructors Conference in Memphis February 23 through February 26. . . . The department extends sympathy to **E. J. Kendrick** on the death of his two-year-old daughter last week in the Oak Ridge Hospital.

R. L. Byrd, Guard Department, has returned from a week of vacation . . . Wishes for a speedy recovery go to **C. H. Nicely, J. A. Atchley** and **R. C. Ridge**, who were off ill last week.

Health Physics extends get-well wishes to **Mervyn Sanders**, who was ill last week.

Marguerite Collins, of Training, is vacationing in Washington, D. C., this week where her husband, **Jim**, is being discharged from the Army.

Wage Standards wishes a speedy recovery for **Sue Wassom**, who was ill last week.

DEVELOPMENT DIVISION

ADP Development extends get-well wishes to **Dave Jennings**, who was on last week's sick list.

Project Design Development welcomes **Thelma Carnes** back to work after a long illness.

MANUFACTURING OFFICE DIVISION

The Tool Department welcomes **T. L. Boshears** to the roster.

W. E. Gallaher, Timekeeping, is a patient in the Knoxville General Hospital and his fellow workers wish a speedy recovery for him.

W. G. Vann, Stores, is planning to plant a garden while vacationing this week at home in Clinton. . . . The department welcomes **B. B. Thornton** back to work after his long confinement in the Oak Ridge Hospital after being hurt in an automobile accident . . . A speedy recovery is wished for **Mildred Reynolds**, who is a patient in Fort Sanders Hospital in Knoxville . . . The department welcomes **D. S. Tipton** to the roster.

URANIUM THIEF FINED

An atomic worker at the Atomic Energy Commission's Hanford, Wash., installation, has been fined \$100 in federal court for the theft of a piece of uranium, according to the Associated Press.



BRYAN-FERRELL

Marriage vows were exchanged by Miss Billie Lois Ferrell, of the Y-12 Research Services Department; and **Rufus C. Bryan, Jr.**, of Marks, Miss., at 3 o'clock Sunday afternoon, February 21, at the Oak Ridge Chapel-On-The-Hill. The ceremony was performed by the Rev. Harley Patterson.

The bride is the daughter of Mr. and Mrs. James B. Ferrell, of McMinnville, Tenn. Parents of the groom are Mr. and Mrs. Rufus C. Bryan, Sr., of Marks.

The bride was given in marriage by her father and during the ceremony music was provided by Organist John Wood.

At her wedding Miss Ferrell wore a two-piece white wool flannel dress trimmed with pearls and rhinestones with white accessories. She carried white carnations centered with a white orchid.

Miss Nell Fields, of the Oak Ridge National Laboratory, was maid of honor and wore a teal wool dress with black and white accessories. Her bouquet was of red carnations.

Best man was James Bryan, Lenoir City, brother of the groom. **R. P. Beard** and **E. C. Beard**, of Endora, Ark., were ushers.

Following the wedding a reception was held at 127 Viking Road, where Nell Fields and Wilma James were hostesses.

Out-of-town guests at the wedding included Mr. and Mrs. Price Harrison, Mrs. R. C. Bryan, Sr., and Mrs. Evelyn Evans, all of Marks, Miss., and Mr. and Mrs. Oscar Pitts, of Woodbury, Tenn.

The bride attended Woodbury High School while the groom graduated from the Marks, Miss., High School and the University of Florida.

Metals Society Will Hold Next Meeting On March 17

The Oak Ridge Chapter of the American Society for Metals will hold its regular monthly meeting at 8 o'clock Wednesday night, March 17, in the Knights of Columbus Hall, Jefferson Circle. The chapter has many members in Y-12 and other Carbide facilities in Oak Ridge as well as in Knoxville and other East Tennessee cities.

The speaker at the February 17 meeting will be Glenn Guanneri, of the Cornell Aeronautical Laboratories, Buffalo, N. Y. His subject will be "Effect of Cyclic Stress and Temperature on the Creep Properties of Metals."

Sparks Tip ADP For First Win

Maintenance Extends Streak To 10 Games

The improving Sparks rolled to their first win in the Y-12 Plant Basketball League last week at the Jefferson Junior High gymnasium by 37 to 25 over ADP. The Sparks have been steadily improving and were at their best in the win. J. H. "Lefty" Jones led the onslaught for the winners by whipping in 11 points, followed by Crabtree with nine markers. S. J. Frost led the losing ADP clan with 10 counters.

Maintenance Extends Streak

Another engagement found Maintenance extending its winning streak to 10 games by winning over the Engineers 40 to 34 in a close tussle. The Engineers were behind only one point 15 to 16 at the halftime mark and the gap was only two points at the third stop but Maintenance poured on the coal in the last quarter to win going away. Ray Malcolm led the winners with 13 points followed by Thornton with nine markers. Leading the Engineers was Jim Turner with 10 points. Turner also played a fine defensive game and took more than his share of the rebounds.

The Duds won a forfeit victory from the Aces in the other scheduled engagement.

Tournament Planned

A single elimination plant tournament has tentatively been set to begin on Tuesday, March 2, at the Oak Ridge High School gymnasium.

League standing follows:

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

Plant Rifle Team Third In League

The Y-12 rifle team in the Indoor League is riding in third place in the loop after gaining six points last week to total 97½ for the season thus far. The team had a total of 820 scratch and 964.022 handicap for the session.

C. G. Brewster led the scratch scoring for Y-12 with a 173; followed by J. J. Gallimore 169; R. O. Wollan 162; R. C. McIlhenny 158; W. D. Cunningham 158; R. L. Vanderpool 155 and S. E. Adams 133. Handicap firing was led by Brewster 194.399; followed by Gallimore 193.727; Wollan 193.138; McIlhenny 191.288; Vanderpool 191.109; Adams 189.280 and Cunningham 189.058.

The Y-12ers are scheduled to fire again Friday, March 5, at the Oak Ridge Sportsmen's Association range.

Y-12 SPORTS

12 Days Remain For Y-12 Bowlers To Enter Pin Meet

The deadline for entering the All-Carbine Bowling Tournament has been set for 4 p.m., Monday, March 15. This event is expected to draw a record number of keglers from Y-12, K-25 and the Oak Ridge National Laboratory. The tourney will be held at the Oak Terrace alleys on April 3, 4, 10 and 11.

Entry blanks for the tournament with all rules and information are available at the Y-12 Recreation Office, North Portal, and an early entry by all participants is urged by the Recreation Office. Entry fees must accompany the entry blanks.

Entry fees have been set at \$2 per bowler, per event.

Varsity Keglers Lose In City Loop

The Y-12 men's varsity bowling team hit a snag last week in the Oak Ridge City League as the league leading Max Friedman keglers took a four-point win from the Y-12ers. The loss knocked the varsity pinsters 11 points behind in the loop chase.

Joe Pryson led the scoring parade for Y-12 with a 577 series made up of games of 200, 206 and 171. Pryson was followed by Len Hart with 179, 177, 182—538; Jack Spears 188, 180, 149—517; Ernie Cobble 201, 171, 141—513 and George Schierbaum 171, 137, 159—467. Team totals for Y-12 were 939, 871, 802—2612 against 947, 912, 884—2743 for Max Friedman.

Varsity Keglerettes Start Third Round

The Y-12 women's varsity bowling team in the Oak Ridge City League got off to a good start in the third round last week by winning a whitewash victory from Patterson Insurance Agency.

Ruby O'Kain led the scoring for Y-12 with 187, 188, 168—543; followed by Juanita Reed 162, 184, 167—513; Betty Whitehorn 116, 147, 137—400; Dot Park 157, 121, 116—394 and Mavis Koons 118, 148, 127—393. Team totals for Y-12 were 740, 788, 715—2243 against 665, 698, 679—2042 for Patterson Insurance Agency.

"Our main business is not to see what lies dimly at a distance, but to do what lies clearly at hand."—Thomas Carlyle.

Cage Combines In Knox Meet

Maintenance, Robins, Cards Represent Y-12

The highlight of basketball season — tournament time — is starting tomorrow night, Thursday, March 4 for the Y-12 Robins and Cardinals, plus an outstanding team from the Plant Basketball League, Maintenance. All three teams will be playing in the Appalachian Tourney in Knoxville at the Chilhowee Park gymnasium.

Regular season play ended last week for both of the varsity teams and both finished the season with creditable records. The Y-12 men managed by Carl Sanders dropped a 35 to 28 decision to Jefferson County Motors in the Knoxville Metro League, thereby losing all chances to win the league championship. The Cardinals finished the season with 16 wins and 13 losses.

The Y-12 women, better known as the Robins, managed by Recreation Supervisor Bill Stanton, finished second to K-25 in the Oak Ridge City League. The Robins fared well against outside competition last week by winning over the Knoxville General Nurses 64 to 47 and also won a City League game over the American Legionettes 37 to 26.

Line scores of games last week follow:

Robins	8	31	44	64
Knox Nurses	8	17	32	47
Robins	11	14	29	37
Legionettes	5	15	17	26
Cardinals	12	18	24	28
Jefferson Motors	13	17	26	35

Sooners Top Rollers In D Pin Circuit

The Sooners continued improvement last week in the D League by winning four points from the Rollers while the Peons posted a three-point win over the second place Orphans. The Unknowns slipped by the Vectors by three tallies.

Roy Roberts, of the Peons, chipped in a 198 scratch game, a 545 scratch series, boosted to 611 with handicap. George Riddle, of the Orphans, had a 223 handicap game. Team honors belonged to the Orphans with a 792 scratch game and a 2174 scratch series while the Sooners marked up a 1001 handicap game and a 2744 handicap series.

League standing follows:

Team	W	L
Peons	19	5
Orphans	16	8
Sooners	12	12
Rollers	11	13
Vectors	7	17
Unknowns	7	17

Y-12 Plant Golf League To Open Play March 31, Entry Deadline Is March 24

Bill Reynolds Relected President Of Circuit; Prospects Bright For Successful Links Season

Play in the Y-12 Plant Golf League will open on Wednesday, March 31, with the deadline for team entries set for the preceding Wednesday, March 24, it was decided at a meeting of golfers held at the Cafeteria recently. With eight teams represented at the meeting and indications pointing to even more entering the league before the deadline, prospects for a banner season are bright.

Rusty Five Rolls To C League Lead

The Rusty Five took over first place in the C League last week by winning a whitewash victory from the Uranium Control Junior Varsity while the Screw Balls upset the Hot Wires by a three-point margin. Other league action saw the Cant Hooks take three from the Glass Arms while the Hooks and Hornets fought to a two-point deadlock.

Ed Raabe, of the Cant Hooks, rolled a 213 scratch game, 244 with handicap. Gib Hatmaker, of the Hornets, had a 527 scratch series and Otis Rackley, Cant Hooks, a 626 handicap series. Team honors went to the Rusty Five with a 822 scratch game, 990 with handicap, a 2422 scratch series, and 2926 with handicap.

League standing follows:

Team	W	L
Rusty Five	28	8
Hot Wires	26	10
Cant Hooks	23	13
Hooks	18	18
Hornets	17	19
UC:V	13	23
Screw Balls	13	23
Glass Arms	6	30

Mixed Loop Action Hits High Pitch

Action in the Mixed League last week was hot as the Wheels took over the top slot with a four-point win over the Spotters while the Ponies skidded to second by losing three to the Pin Balls. The Rams and Hubs had a two-point deadlock.

Desma Hutcheson, of the Rams, took individual honors in the women's division by rolling a 194 scratch game, 242 with handicap, a 482 scratch series, and 626 handicap. Gib Hatmaker, of the Rams, led the men's division with a 208 scratch game, 235 with handicap and a 491 scratch series. Bill Hays, of the Wheels, got into the act with a 601 handicap series. The Rams also hogged the spotlight in team scoring by sweeping the boards for a 637 scratch game, 796 with handicap, a 1707 scratch series, 2184 with handicap.

League standing follows:

Team	W	L
Wheels	19	5
Ponies	17	11
Rams	14	14
Hubs	14	10
Pin Balls	9	15
Spotters	6	22

The representatives of the eight teams reelected all of the 1953 league officials. They are Bill Reynolds, president; Harold Ratjen, vice president; Bill Stanton, secretary-treasurer; and Clarence Johnson, matchmaker. A board of protest to handle any such matters during the season will be composed of Johnson, Elmore Koons and Bill Morgan.

After the number of teams entering the league is determined a schedule will be drawn. The schedule will be divided into two halves of sufficient duration to allow two rounds of play in each. The winner of each half will meet in an 18-hole match for the league championship. Members of the winning team will receive trophies and medals will be awarded golfers on the runner-up team.

Teams and their representatives attending the organizational meeting were Divot Diggers, E. Webster; Eagles, Charley Peterson; Hooks, Don Matlock; Bogies, Rudy Pletz; Rippers, Jay Holzknecht; Gophers, Art Hines; Grand Slammers, Bob Orrison; Rough Riders, Harold Ratjen.

These team captains and representatives and leaders of other groups intending to enter the league are urged to complete team organization as soon as possible. Rosters must accompany the entry blank for the team sent to the Recreation Office, North Portal. Each team will be allowed six players and any captain with more than this number of players is urged to help the surplus golfers find berths with other teams in the league.

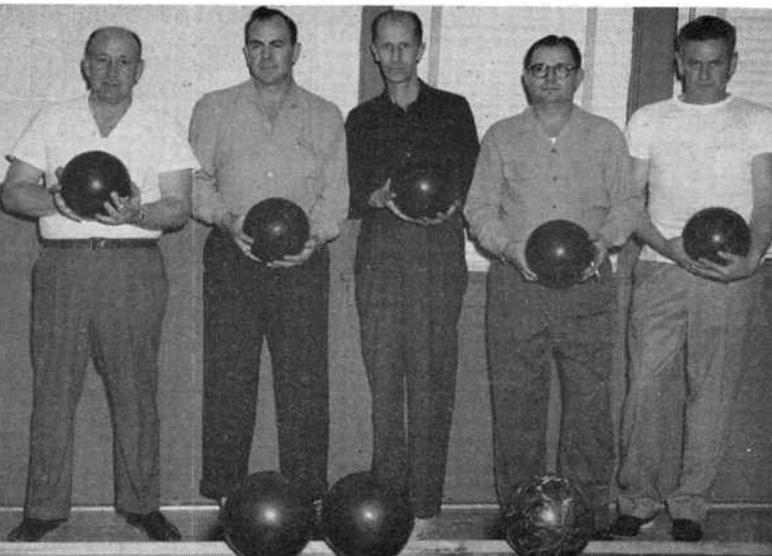
B Bowling League Begins Final Round

The B Bowling League started off last week in the third and final round of its season at the Oak Terrace alleys. Two whitewash victories were posted, by the Strikers over the All Stars and the Wasps over the Tigers, respectively. Three-point wins were posted by the Bumpers over Bldg. 9211, Rebels over the Swingsters and Wolves over the Has Beens. The Rippers took two and one-half points from the Cubs.

Joe Thomas, of the Cubs, rolled a 234 scratch game, boosted to 263 with handicap. Ernie Cobble, of the Bumpers, toppled the pins for a 604 scratch series, increased to 664 with handicap. Team honors went to the Bumpers with a 913 scratch game, 2564 scratch series, and 2932 with handicap. The Rebels got into the act with a 1049 handicap game.

League standing follows:

Team	W	L
Strikers	4	0
Wasps	4	0
Bumpers	3	1
Rebels	3	1
Wolves	3	1
Rippers	2½	1½
Cubs	1½	2½
Has Beens	1	3
Swingsters	1	3
Bldg. 9211	1	3
All Stars	0	4
Tigers	0	4



PRESENTING TWO FINE TEAMS IN THE Y-12 B BOWLING LEAGUE. The Wolves are pictured above, from left, Frank Gragg, Ed Sise, N. H. Moon, John Bishop and Joe Pryson. Right

photo shows the Rebels, from left, George Riddle, Arnold Tiller, Jack Spears, J. D. Brown and Joe Dunlap. Most of these bowlers are old timers at the sport in plant circles.

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.)

Y-12ers Top Red Cross Goal Early Monday

Continued from Page 1
 also with all cards filled out. Supt. C. B. Newman, of the Electricians, naturally congratulated his friendly rivals but remarked—"it was just like a race horse crossing the finish line ahead but without the jockey" (referring to the card situation.)

Regardless what department was first in line—Y-12ers throughout the plant again have earned the splendid reputation of never failing when called on to support such a worthy organization as the Red Cross.

Rides Wanted, Offered

Ride Wanted—From 246 West Tennessee Ave., Oak Ridge, to North Portal, straight day. Madeline Franklin, plant telephone 7988, home telephone 5-7178, Oak Ridge.

Ride Wanted — From West Knoxville to North Portal, straight day. Grace Campbell, plant telephone 7731, home telephone 4-4478, Knoxville.

Symphony Orchestra Slates Final Concert On March 10

The final concert of the season by the Oak Ridge Symphony Orchestra will be given next Wednesday night, March 10, at 8:15 o'clock in the civic auditorium in the high school. Under direction of Conductor Waldo Cohn the orchestra will play Dvorak's "New World Symphony" as its major offering of the program. Anna Cebrat, Oak Ridge soprano, will be the soloist, singing two songs by Menotti and two by Greig.

SHIELDS ARE NEW FIELD

The magazine Iron Age has reported that shields for radioactive substances are providing a limited but important new field for metal-working manufacture. The magazine points out that the Atomic Energy Commission is attempting to standardize capsules for easy handling and carrying of radioactive materials.



THOSE WHO ARE BLESSED WITH TWO GOOD EYES SHOULD PLAY IT SAFE AND BE MORE WISE.
 MAC AND DAD

HAM PATTIES, APPLE SAUCE TOPS SPECIAL LUNCH AT CAFETERIA

The 50-cent Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, March 4, will feature ham patties with apple sauce as the entree. The lunch also includes a vegetable, salad or dessert and rolls and butter.

Class In Metallurgy Held By ASM, AEP

The Oak Ridge Chapter of the American Chapter for Metals in conjunction with the Oak Ridge Adult Education Program and the University of Tennessee has launched an educational campaign on metallurgy appealing to machinists, welders and other craftsmen dealing with metals, it was announced last week by W. D. Manley, chairman of the chapter. Starting last week and still open for enrollment is a special class in metallurgy conducted by the Adult Education Program and the University of Tennessee this week is holding nightly lectures on the subject.

The AEP class will be held every Tuesday night, beginning at 7 o'clock. The class lasts for two hours and is held in Room 131, Oak Ridge High School. The fee for the course is \$15, which includes the text book. Complete information may be had from the AEP Office at the high school.

The series of lectures at the university on metallurgy are entitled "Metals Inside Out." They are being given at Estabrook Hall on the university campus in Knoxville at 8 p.m. nightly through Saturday. A panel discussion will feature the Friday night meeting.

10 Years Service

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

- George W. Evans, Alloy Division, March 4.
- James W. Redmond, Special Assay, March 6.
- Olen H. Cunningham, Maintenance Shops, March 8.
- Robert H. Bradshaw, Maintenance Shops, March 8.
- William M. Hopkins, Civil and Architectural Engineering, March 9.
- William M. Coggins, Planning and Estimating, March 10.
- Harold H. Miller, Field Maintenance, March 10.
- Clarence E. Johnson, Safety, March 10.

REDS SPREAD SPY HUNT

Neues Deutschland, official publication of the ruling Soviet Unity (Communist) Party, says East German secret police have extended spy hunts to Russian-operated uranium mines in Saxony. The action was taken, the report said, because "agents" have been caught informing the West of mining operations.

Camera Club Gives Program For Year

Continued from Page 1
 subject of "people."

Each of the monthly contests, either for photographs or color slides, will be rated on a point basis with four for first, three for second, two for third place and one each for first and second honorable mention. The two club members having the largest number of points at the end of the year will receive an award of merit.

Competitions Are Announced

The competitions for the remainder of the year as announced by the club president are:

April, still life and table top, black and white print; May, children, color slides; June, children, black and white small print; July, spring blossoms, color slides; August, no competition, field trip and picnic; September, water scenes, black and white; October, annual salon with both print and slide contests; November, pictures of field trip for both black and white prints and color slides; December, night pictures by existing light for both black and white prints and color slides; January, 1955, Christmas cards.

Among the lecture subjects proposed for the year are picture selling, flexichrome, Christmas cards, color films, films, papers and developers, light meters and lighting. The dates for the talks will depend on availability of speakers.

Attendance Record

MAJOR LEAGUE			
Dept.	Percentage Absent	Scheduled Standing	
		2-21-54	2-14-54
2008	0.7	1	1
2619	1.0	2	2
2077	1.4	3	4
2617	1.7	4	9
2690	1.97	5	10
2091	1.98	6	3
2002	2.1	7	19
2003	2.4	8	11
2015	2.6	9	12
2026	2.8	10	13
2060	3.2	11	5
2108	3.68	12	8
2618	3.71	13	15
2018	3.9	14	17
2005	4.0	15	7
2014	4.1	16	16
2142	6.3	17	14
2257	6.7	18	18
2001	7.1	19	6

Group absentee percentage was 2.9 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE			
Dept.	Percentage Absent	Scheduled Standing	
		2-21-54	2-14-54
2231	0.0	1	1
2200	0.0	1	9
2143	0.6	3	7
2093	0.8	4	15
2140	1.1	5	10
2139	1.25	6	21
2230	1.30	7	6
2216	1.73	8	1
2046	1.73	8	19
2107	1.76	10	1
2025	1.81	11	8
2094	2.5	12	1
2090	3.0	13	12
2743	3.2	14	14
2301	4.0	15	13
2260	5.3	16	1
2303	6.7	17	18
2144	6.9	18	11
2252	7.5	19	16
2145	7.7	20	17
2096	8.6	21	20

Group absentee percentage was 3.4 per cent, .2 per cent higher than the preceding week.

The plant average for the week ending February 21, was 2.9 per cent, .3 per cent higher than the preceding week.

Y-12 Volleyballers Finish Good Season

All is finished for the Y-12 varsity volleyballers this season in the Oak Ridge City League as the Y-12ers won three points from the Oak Ridge National Laboratory last week at Elm Grove gymnasium.

The Y-12ers posted scores of 15 to 7, 15 to 10 and 15 to 13. They finished the second half with 12 wins and three losses to place second in the league, the title of which was won by the K-25 Carbons.



Several Y-12ers To Appear In Lions Club Minstrel

Several Y-12ers and other Carbide employees in the Y-12 Plant Area will be in the cast of the Seventh Annual Old Time Minstrel Show to be staged March 11, 12 and 13 by the Oak Ridge Lions Club at the civic auditorium in the Oak Ridge High School. Curtain time is 8 p.m.

Lions working for Carbide in the Y-12 Plant Area who will be in the cast include M. C. Bays, an end man; William G. Cobb, James D. Hayes, James G. Bowers, Wesley Savage, William C. Tunnell and others in the chorus. Mrs. Cobb will be a director of a skit by the Lionesses, the club's wives group, and Mrs. Tunnell also appears in the act, termed the "African Violets."

Deflection Of Neutrons Topic At Physics Seminar

"A Stern-Gerlach Deflection of Neutrons" will be discussion topic at the weekly meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon, March 5. The meeting will be held in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. J. E. Sherwood, of the ORNL Physics Division, will lead the discussion and all Y-12 technical and scientific personnel interested in the topic are invited to attend the meeting.

CIVIL DEFENSE PREDICTED

Val Peterson, Civil Defense Administrator, has predicted that a requested appropriation of \$650,000,000 for civil defense will be provided by Congress when the people are "thoroughly informed as to the danger which we face," according to the Associated Press.



Lion, Lamb Weather Prediction Legend Old English Saying

Unpredictable March is here, even more unpredictable in East Tennessee where weather prognosticators admit predicting conditions from one day to the next is among the most hazardous of occupations for persons wishing to retain reputations for telling the truth once in awhile at any rate.

For instance—remember balmy Saturday, then take March marching in like a lion—a bedraggled, wet, sloppy lion—Monday morning. Take it—you can have it.



So for those who rely on legend—and why not?—for weather predictions, history reveals that the belief that if March comes in like a lamb it will go out like a lion—and vice versa—goes back to what a few weather prophets believed in 17th Century England. It even got quoted, and thereby widely spread, in a play called "Wife For A Month" staged in London in 1624.

English colonists brought the old saying to America with them. "Maybe yes—maybe no—" says the United States Weather Bureau, declining to be quoted as to its accuracy. Anyway, March 21 is officially the first day of spring.

Meanwhile, the zoological weather forecasters still fall back on the Lion, the Lamb, the Groundhog—to say nothing of pet corns and bunions of their own dogs.

Guessing the weather is just as much fun as quiz shows—although no prizes are offered.

MIDGET SUBS SEEN

The London Telegraph has reported that the United States is planning mass production of midget submarines capable of sowing atomic mines in enemy harbors and says it is likely that Britain will follow suit.