



6-4344
AT LEFT ABOVE YOUNG PEOPLE OF THE GLENWOOD Baptist Church give a surprise party and welcome for Pfc. Gerald Lankford, former Y-12er just back from Korea. Lankford is in the center of the second row from the rear, in white shirt and flowered tie. His father and mother, Mr. and Mrs. Lyle G. Lankford are third and fourth from left, top row. A brother, Duane Lankford, is next to the girl at right in the second row and his

6-4343
Y-12 Photos By Vince Moore
twin, Wayne Lankford, is center front row. At right is a dinner party for Sgt. George L. Howard, another former Y-12er who is back from Korea, at head of table. From his right around the table are his wife, Mrs. Mary Howard, his sister, Lillian Hatmaker, Earl Hatmaker, Mr. and Mrs. George Howard, his parents; Charlie Black, Mr. and Mrs. Jim Black. Story on parties for the servicemen and more pictures on Page Two.

Six Y-12 Papers To Be Delivered At Pittsburgh

Eight Plant Scientists Listed As Authors Of Spectrometer Subjects

Scientists of the Y-12 Isotope Research and Production Division will be prominent on the program of the third annual Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy opening today, Wednesday, March 5, in Pittsburgh, Pa. The conference will continue through Friday and will draw scientists from throughout the nation. Headquarters for the conference will be in the Wil-laim Penn Hotel and it is sponsored by the Analytical Division of the Pittsburgh Section of the American Chemical Society and the Spectroscopy Society of Pittsburgh.

Y-12 Contributors Listed
The Y-12ers listed as authors and co-authors of six papers to be given at the Pittsburgh Conference are J. R. McNally, Jr., John R. Sites, Russell Baldock, L. O. Gilpatrick, E. J. Spitzer, D. D. Smith, J. O. Norris and C. E. Pepper. One of the papers is co-authored by Robert E. Rummell, a research participant from Vanderbilt University, Nashville.

Dr. McNally will be the first Y-12er on the program, giving his paper on "Spectro-Isotopy, a New Field of Spectroscopic Endeavor" at the Wednesday afternoon session. The paper will discuss the problems encountered in the use of atomic isotope spectra, the general theories of such spectrum differences and some of the analytical results obtained. It also will point out how optical spectroscopic methods are being applied with increasing effectiveness to the evaluation of isotopic constituents of materials.

Three On Friday Program
Three of the papers will be delivered at the Friday morning meeting. The first will be "Mass Spectrometer Study of Silicon Tetrafluoride" by Dr. Baldock, Sites and Rummell. It relates how silicon tetrafluoride was analyzed in a sector-type mass spectrometer and its cracking pattern developed. A paper on "Mass Spectrometer Investigation of Uranium Trifluoride" will follow, being prepared by Dr. Baldock, Sites and Gilpatrick. The rate of dissociation of uranium trifluoride at temperatures from 700 degrees Centigrade upwards is discussed. On the same program is another paper by the same three Y-12ers on "Mass Spectrometer Study of Technetium."

The final two papers by Y-12ers will be given at the Friday afternoon session. "Spectrochemical
Continued on Page 4

Eight Years On Y-12 Job; No Absences

There are a lot of Y-12ers with enviable work attendance records —of which they are all justly proud. However, among these many justifiably proud men and women probably none get any more day in and day out satisfaction out of their continuous on-the-job record as does K. T. Woolwine, mechanical inspection superintendent in the General Maintenance Office.

A Y-12er since February 8, 1944, eight years ago, he has not been absent or late in coming to work during that entire time. His reasons for being proud of his record and intending to take every possible step to maintain the mark indefinitely might sound juvenile from other mouths—but from the rugged Woolwine they are sound and sincere.

Likes Job—Y-12 Personnel

"I like my job, like my working conditions and the Y-12 personnel as a whole," Woolwine said last week. "It makes a man want to stay on the job and work while he is on the job."

When Woolwine came to work for Tennessee Eastman Corporation back in February, 1944, the Y-12 construction work was in full swing. Woolwine's previous job was with Stone and Webster, engineering firm in charge of the Y-12 construction project, where he worked from September, 1943, until transferring to TEC.

Since coming to Y-12 he has been on many jobs and assigned to Engineering and Safety at various times. For some time now he has been in testing work on boilers, pressure vessels, elevators and other equipment.

No Narrow Escapes

While establishing his eight-year record of no absences, Woolwine could not recall any incident that threatened the mark. For five years he rode buses from his Oak Ridge home to work and only once was there a breakdown—that one right in the middle of a mud pud-

Contrast Paper Demonstration And Contest On Carbide Camera Club Program Tuesday

An interesting program has been arranged by the Carbide Camera Club for its meeting next Tuesday night, March 11. The session will be held at 7:30 o'clock in the club headquarters in the Y-12 East Portal building and all members are urged to attend.

The program will feature a demonstration of the use of Varigram Paper, a variable contrast paper for photographic printing. This will be given by George A. Wilson, of the E. I. duPont de Nemours Co., of Atlanta, Ga.

Saturday Deadline For Entries

A black and white photographic print contest also will be held on the subject of "People And Their Activities." The subject is sufficiently flexible to permit entry of portraits as well as other photographs. Prints for the contest should be delivered to Janet Cisar, vice president of the club and program chairman, at Beacon Hall, on or before Saturday, March 8. The contest will be judged by W. Jernigan, owner of the Jernigan Studio at Elza Gate, Oak Ridge.

The club is engaged in a membership campaign and any employee of Carbide in either of its three units in Oak Ridge is eligible to join. Prospective members are urged to attend the meeting next week or communicate with Virginia Spivey, of Y-12, chairman of the membership committee, telephone 7423. Club dues are \$2 per year.

Equipment At Clubrooms

The Carbide Camera Club has complete equipment in its club rooms for taking portraits, consisting of Graflex camera with plate holder, tripod, light stand and lights. All are available to members without cost. The club also has recently obtained new developing tanks for its members.

URANIUM SOURCE CITED

Rep. Albert Gore (D., Tenn.) is quoted by the Associated Press as saying that the United States is developing South African gold slag piles as a source of enough uranium to double the nation's atomic arsenal.

dle near the North Portal. Not even a blowout has delayed him in the past three years when he has been riding to work with friends.

A native of Abingdon, Va., Woolwine obtained a B.S. degree in physics from the now defunct Abingdon Male Academy.

Early Registration Urged For Bloodmobile

Y-12ers wishing to contribute a pint of blood that will be a potential life saver for a serviceman overseas are urged to register early for the next visit of the American Red Cross Bloodmobile to Oak Ridge next Tuesday and Wednesday, March 11 and 12 from 2 p. m. to 8 p. m. The registration is being handled by civic organizations of Oak Ridge, such as churches, clubs, fraternal groups, veterans' organizations and the like.

Preference in time allotments for visits to the Bloodmobile will be given persons who applied for the privilege of being a donor on the previous Bloodmobile trip to the city last November and who were unable to be accommodated because of the limited time available. Such persons are asked to indicate the fact that they were unable to make their blood donation at that time when they file their new application.

The local chapter of the Red Cross has set a goal of 425 pints of blood to be contributed on the visit of the Bloodmobile next week. During the November visit a total of 571 Oak Ridgers gave one pint of blood each, a two-day record for the Bloodmobile unit that visited Oak Ridge at that time.

Bureau Of Standards Man To Address Seminar Meet

Dr. Ralph P. Hudson, of the United States Department of Commerce, Bureau of Standards, will speak at the Oak Ridge Physics Seminar meeting at 4 o'clock Friday afternoon, March 7. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

Dr. Hudson's topic will be "Antiferromagnetism at Low Temperatures." All Y-12 scientific and technical personnel are invited to attend.

Drive Officials Praise Y-12ers

Fund campaign officials for the Oak Ridge Chapter of the American Red Cross last Friday bestowed high praise on the generosity and promptness with which Y-12ers have met not only the chapter's appeal for 1951, but in the preceding years as well. The statement came from C. C. Martin, Oak Ridge fund campaign chairman; and Paschal Hamrick, his assistant and also co-chairman of the campaign committee in Y-12.

Tribute To Generosity

"The open hearts and speed with which Y-12 employees answered the call of the Red Cross this year is greatly appreciated by the Red Cross," said Martin and Hamrick. "The accomplishment of raising and exceeding its quota for 1952 in one day is a great tribute to the generosity of every Y-12 employee and the efficiency of the plant coordinating committee. In setting this record for the current year, Y-12 employees were following the tradition set for the past four years—this being the fifth consecutive year that the Y-12 plant has been the first in its group to raise its quota and turn the money over to the Red Cross chapter. The heartfelt thanks of the chapter and the fund raising officials is extended to the Y-12 plant and all its employees, which have set an enviable record and example for other groups to follow."

Y-12ers, in a whirlwind campaign, contributed more than \$3,500 to the Red Cross on the opening day of the drive. Naturally there were many Y-12ers who were unable to contribute on that first day, February 26, but the donations kept pouring in during last week and by last Friday Co-Chairman Hamrick had turned in a total of \$4,423.95 to Red Cross chapter headquarters. Only a few pledge cards are outstanding and it is expected that with their return this week, the plant total will be substantially increased.

BIG SMASHER CLAIMED

The International News Service quotes scientists at Glasgow (Scotland) University claiming they have tested a British atom smasher "as big as any in the United States."

SAFETY SCOREBOARD

Your Plant Has Operated
56 Days
Without A Lost Time Accident
Through March 2

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

Returning Soldiers Are Feted At Parties

A couple of Y-12 families and their friends recently extended a "welcome home" greeting to two soldier sons just back from about a year of service in Korea. The young men were Sgt. George L. Howard, son of George H. Howard, of Buildings and Grounds; and Pfc. Gerald Lankford, son of Lyle G. Lankford, of Maintenance Shops. Both of the soldiers also are former Y-12ers who left work here to go overseas with the 194th Combat Engineer Battalion, Tennessee National Guard.

Howards Entertain At Dinner

The welcomes were informal. The Howards entertained their son with a big family dinner Sunday, February 24. The Lankfords were host to a group of their son's friends from the Glenwood Baptist Church on Friday night, February 22.

Attending the Howard dinner were the sergeant, his wife, Mrs. Hary Howard; sister, Lillian Howard Hatmaker, also a Y-12er; her husband, Earl Hatmaker; Sergeant Howard's mother and father; brother-in-law Charlie Black; and father and mother-in-law, Mr. and Mrs. Jim Black, of Harriman.

Surprise Party For Lankford

The young people of Glenwood Baptist Church and other family friends who gave a surprise party for Gerald Lankford included Josh Boyd, Mr. and Mrs. J. F. Walden, Jack Barnette, Thurman Fox, Billy Chilcoat, Bobby Crows, Rollin McPeters, Kyle McPeters, Mrs. Ray Center, Martha Kendrick, Melvin Bradshaw, Barbara Atkins, Jo Dean Karney, Bob Burns, Ernestine Pierce, Margaret Moon, Shirley Nussmeyer, Charlene Griffith, Nelda Walden, Barbara Hart and Jo Ruth Walden. Wayne and Duane Lankford, twins and brothers of Gerald Lankford, also were present.

Both the young soldiers are home on furlough and expect to report to Ft. Knox, Ky., about March 20 for reassignment to duty.

HELP FOR FATHERS

Texas newspapers recently reported that the new Providence Memorial Hospital in El Paso had installed two oxygen outlets in the expectant father's room — taking no chances.



Mr. and Mrs. Edward C. Long



LONG - BARNES

Miss Mary Elizabeth Barnes and Edward Crawford Long, both of the Y-12 Health Physics Department, were married at 7:30 o'clock Tuesday night, February 26, at St. Stephens Episcopal Church, Oak Ridge. The ceremony was performed by the Rev. Robert F. McGregor, pastor of St. Stephens, and the Rev. Robert R. Sala, of the Grace Lutheran Church, of Oak Ridge.

The bride is the daughter of Mr. and Mrs. John Deal Steele, of Eutaw, Ala. Long is the son of Mrs. Edward Long and the late Mr. Long, of Athens, Ga.

The bride was given in marriage by her stepfather, John Deal Steele. During the ceremony nuptial music was provided by Joseph E. Lee, Jr., organist, and Florence M. Housch, vocalist.

For her wedding the bride wore an ice blue satin street length dress with beads and rhinestones on the lapels and cuffs and having three-quarter length sleeves. Her accessories were of navy blue and she carried a white orchid on a white prayer book.

Mrs. Ann B. Weissinger, of the Uranium Control and Computing Department of Y-12, sister of the bride, was matron of honor. She wore a pale pink two-piece wool dress with brown accessories.

Jack C. Bailey was best man and ushers were Rudy Pletz, Edward G. Struxness and Lewis C. Emerson, all of Oak Ridge.

A reception was held at the St. Stephens parish house immediately following the ceremony. Out-of-town guests at the wedding included Mr. and Mrs. M. L. Howell, Eutaw, Ala., Mrs. George E. Law, Menasha, Wis., and Miss Wilma Barnes, of Eutaw, the latter two being sisters of the bride.

Mrs. Long is a graduate of Alabama Polytechnic Institute, Auburn, Ala., and her husband of the University of Georgia, Athens.



DRUKER - ROSENBERG

Miss Esther Druker, a nurse in the Y-12 Medical Department, will marry Richard Rosenberg, a mechanical engineer at the Oak Ridge National Laboratory, in a wedding planned for some time in June, it has been announced by parents of the bride-elect.

Miss Druker is the daughter of Mr. and Mrs. David Druker, of Boston, Mass. Parents of the groom-to-be are Dr. and Mrs. A. E. Rosenberg, of Miami Beach, Fla.



Three Y-12 employees were listed as fathers of babies born recently at the Oak Ridge Hospital. Walter H. Brewer, Janitors, became father of a girl February 23. James S. Christmas, Chemical; became father of a boy February 25. Merle E. Donaldson, Electromagnetic Research, became father of a girl February 27.

Rides Wanted And Offered

Two Riders Wanted — From South Knoxville via Oak Ridge Highway, straight day. C. M. McCauley, plant telephone 7793, home telephone 4-8479.

Want To Join Car Pool—From West Knoxville. A and B Shifts, Group No. 2. E. S. Lewis, plant telephone 7436, home telephone 4-7043.



Wynn O. Watson, Maxie L. Woodard and Samuel G. Dornan, Guard; Lonnie R. Hall, Research Services; Cecil A. Pickens and Fletcher H. DeFord, Field Maintenance; Fred Wilson and Carl A. Slaughter, Administrative Normal; Clarence V. Taylor, Maintenance Shops; Pearl J. Powers, Analytical Laboratory; Lewis Childs, Electromagnetic Research; Alan D. Conger, Biology; Buford E. Reneau, Buildings and Grounds; William S. Wallace, Administrative Product; and Thomas B. Higdon, Field Maintenance.

'Hoppy Birthday T'You'



6-4352

Y-12 Photo By Vince Moore

"BLOW HARD," WAS THE WORD PASSED AT A BIRTHDAY party February 27 for Steve Jeffries, sixth from left, son of R. L. Jeffries, of the Y-12 Isotope Research and Production Division. Other young guests, from left, were Mary Lee Taylor, Cheryl Blackburn, June Baker (father Kenneth Baker, of Y-12), Susan Bowen, Diane Holland (father P. L. Holland, of Y-12), Barbara Shepherd, Teresa Holland (sister of Diane), Carolyn Shockley, Brenda Markland (mother Athela Markland, of Y-12), Tony Jeffries and Donna Frazier.



Louise Argo, of the General Maintenance Office, attended the Korean Veteran's dance given on February 27, at the Oak Terrace. The music was furnished by Clarence Neal and his orchestra . . . **Tom McNamara's** wife, **Millie**, a former Y-12er, and her mother, Mrs. Wilson, of Boston, Mass., made a flying trip to Nassau for a two-week visit with Millie's brother and Mrs. Wilson's son, Henry G. Wilson.

R. M. Kristich, of Product Fabrication, has returned from a week of vacation in Detroit, Mich. . . . The department extends get-well wishes to **J. B. Griffiths** who is ill at his home in Lenoir City . . . Get-well wishes are also extended to **J. D. Morris** . . . The department welcomes **K. D. Davis** to its roster.

Research Services extends get-well wishes to all their folks on the sick list which includes **L. R. Hall**, **C. Russell**, **E. E. Fields**, **A. S. DeFlice** and **F. H. DeFord**.

The girls in the Technical Library of the Plant Records Department, **Reva Dagley**, **Louise Barry**, **Helen Burkhalter**, and **Bobbye Jean Jessee** gave a going-away dinner for **Phyllis Finneran** last Wednesday evening at the Dixieland Restaurant in Knoxville. She is taking a job with the Navy, having something to do with guided missiles at a place called Point Mumu, Cal.

Health Physics welcomes **Wilma Brock** back to its roster.

Plant Engineering welcomes **Tom Bishop**, **J. R. Hill**, **C. F. Holoway** and **W. M. Hopkins** back

to work after being on the ailing list.

Lucille Gustafson, of Research Engineering, is vacationing this week in Ocala, Fla.

W. M. Queener, of the Guard Department, is vacationing this week . . . **J. P. Rudd** and **H. Davis** are also on this week's vacation list.

Congratulations are extended to **Charlie Hall**, of Office Services, who is the very proud papa of a baby boy born February 26, at a hospital in Rockwood, weighing six pounds and four ounces . . . The department wishes to extend sympathy to **Pauline Byars**, whose father died last week in Oak Ridge. The funeral services were held on Thursday in McMinnville, Tenn.

D. A. Karriker, of Stores, spent the week end visiting friends in South Pittsburg, Tenn. . . . Sympathy is extended to **Paul Brownlow**, whose aunt died February 22, in Johnson City, Tenn.

John Henley, of the Tool Department, is spending this week's vacation doing some spring gardening at his home in Harriman.

Property Sales extends wishes for a speedy recovery to **O. W. Patrick**, who is ill with the flu and a serious sinus infection.

Get-well wishes go to **Belle Thompson**, of the Assay Laboratory, who is a patient in the Blount Memorial Hospital in Maryville.

K. O. Johnson, of the Material Chemistry Division, and his family are vacationing with his parents in Miami, Fla., this week . . . **J. S. Drury** spent a peaceful week of vacation at home in Oak Ridge.

Isotope Research and Production extends get-well wishes to **Hugh Sadler's** wife who is in the Oak Ridge Hospital . . . **Dr. C. P. Keim** was in Los Alamos, N. M., last week as a representative of MSI, talking over housing problems.

The Property Department extends get-well wishes to **Bill Hoppe**, who is ill . . . Get-well wishes also go to **Frances Smith**, who is also among the ailing.

Congratulations are extended to **Billie Sims**, of Buildings and Grounds, who is the proud father of a baby boy born February 26, at Fort Sanders Hospital in Knoxville—little James Alan weighed seven and one half pounds.

Chemical extends congratulations to **James S. Christmas**, who is the proud papa of a baby boy born February 25 . . . Right day—wrong month?

F. G. Wright, of Electrical Main-

Continued on Page 4

GEORGE H. HOWARD, LEFT, OF THE Y-12 BUILDINGS and Grounds Department, and Mrs. Howard look on as their son, Sgt. George L. Howard, a former Y-12er, presents his wife, Mary, a set of silver spoons the sergeant brought home from Japan. The jacket worn by the father is another gift from the Orient. At right the sergeant is shown with the great American relaxer, a comic section, one of the things Yanks miss most when away from the country.

6-4342

6-4340



Y-12 Bowlers Now Pointing For All-Carbi de Event Scheduled March 29-30, April 5-6; Entries For Tournament Close March 17; Prizes, Trophies for Both Men and Women

With plant competition out of the way, bowlers of all three Carbide units in Oak Ridge now are looking forward to the annual All-Carbi de bowling tournament to be rolled on the Oak Terrace alleys March 29-30 and April 5-6. Entries for the contest will close at 4 p. m., Monday, March 17. Men and women bowlers of all three Company units in Oak Ridge will compete in the tournament.

Entry blanks for Y-12ers desiring to enter the All-Carbi de tour-

namment now are available at the Y-12 Recreation Office, North Portal. Teams and individuals entering the event are urged to file their entries as soon as possible to avoid any last minute rush.

Bowlers who are registered members of any Carbide bowling league and who have bowled a minimum of 15 games in regular league play by January 21, 1952, are eligible to enter the All-Carbi de tournament. Any Carbide employees in Oak Ridge who have

bowled 15 games in any American Bowling Congress sanctioned league also are eligible. Tournament handicaps will be based on the highest averages as of January 21.

Both cash prizes and trophies will be awarded winners in the various events. All cash prizes will be awarded on a handicap basis. Trophies will be awarded in men's events for first, second and third places in every event, both handicap and scratch. Women

will be awarded trophies for first places won, handicap and scratch. No individual may win more than one trophy in any one event. The all events scratch winners will be recognized as tournament champion.

Entry fees will total \$2 per person per event, with \$1.10 being for cash prizes and 90 cents for bowling fees. All of the entry fees will be returned in cash prizes. The Company will furnish all of the trophies.

Robins, Cards Go This Week In Knox Event

Defending Champions Play Wednesday; Men Draw Greeneville Five

Both Y-12 varsity basketball teams are scheduled to go into action this week in the Southern Appalachian tournament on the Chilhowee Park courts. The high-flying Robins will play on Wednesday night and the Cards will clash with the Greeneville, Tenn., Veterans of Foreign Wars quintet at 8 o'clock Saturday night on Court C. The Robins' opponent had not been selected Monday.

Fans Urged To Attend

Y-12ers are urged to see both of their teams in action and root for the red and white cagers to come home triumphant. The Robins are defending champions in the Women's Class A Division and recognized as one of the best feminine aggregations in this neck of the woods. The Cards have played in and out ball all season, but on any given night they are liable to break loose in a rash of scoring to topple a favored foe.

This season only four teams are entered in the Women's Class A Division, with Pepsi-Cola of Knoxville, and K-25, from Oak Ridge being the other two in addition to Y-12 and Harriman. The Robins have defeated each of these teams at least once during the current season, but tournament play is liable to be topsy-turvy in many ways and anything can happen.

One Of Biggest Tourneys

There are about 30 teams entered in the Class B Men's Division, including the Cardinals. More than 300 teams in all are competing in the Knoxville event, which is one of the biggest basketball tournaments in the country from the standpoint of teams entered.

Rusty Five Advances To Tie In E League By Beating Stinkers

The Rusty Five advanced to a tie for first place in the E League last week by taking three from the Stinkers as the Mezzanine Maulers and Three Ds divided four points. The Dash Fours whitewashed the Gophers and the Cut Ups took three from the Easy Aces.

Les Cater, of the Aces, had a 210 scratch game, 251 handicap game and 658 handicap series for tops. Favatella, of the Stinkers, posted a 569 scratch series. The Rusty Five scratch 821 game and 2300 scratch series was tops as was a 1018 handicap game and 2980 handicap series by the Dash Fours.

League standing follows:

| Team | W | L |
|-------------------|----|----|
| Mezzanine Maulers | 19 | 9 |
| Rusty Five | 19 | 9 |
| Dash Fours | 17 | 11 |
| Three Ds | 16 | 12 |
| Easy Aces | 13 | 15 |
| Cut Ups | 11 | 17 |
| Gophers | 9 | 19 |
| Stinkers | 8 | 20 |

Y-12 Keglerettes Going To Memphis

The Y-12 women's varsity bowling team will be among a group of about eight other feminine pin smashing outfits from Oak Ridge to compete in the Tennessee state tournament for women at Memphis Saturday and Sunday, March 8 and 9. The tournament was held in Oak Ridge last spring. Carbide teams from K-25 and Oak Ridge National Laboratory will be among the Oak Ridge keglerettes in the Memphis event.

All the world needs is an agreement not to have any more wars until the old ones are paid for.

All But One 1952 Tourney Scores Surpass 1951 Marks; No Titlists Retain Crowns

A recheck and comparison of scores posted in the Y-12 Plant bowling tournament held February 23 and 24 at the Oak Terrace showed that, with the exception of the men's singles scratch series, the tallies posted in 1952 topped the previous year's marks. Most of the 1952 marks were substantially

higher than those of the previous year. In men's team and doubles scoring, the Y-12ers posted better records in their tournament than were scored in the recent Oak Ridge city event.

Another interesting feature of the 1952 tournament is that none of the team or individual champions of 1951 were able to defend their titles. The same condition prevailed last year as no 1950 champions were repeaters.

Wolves Dethrone Rippers

In winning the team scratch championship this year the Wolves dethroned the Rippers and the 1952 titlists had a score of 2673 against the 1951 Rippers' score of 2659. The Rippers finished second this year with a scratch score of 2472. The Cubs' 2927 handicap score in 1951 was topped this year by the Bums' 3018 for the trophy.

Mattingly and Ross, the 1952 scratch doubles winners with 1163, were far ahead of the 1951 winners, Kappelmann and Burns, who had 1096. The 1951 handicap winners, Cobble and Green, posted 1273 and also were ahead of the defending champions, Holzknicht and Tibbatts, who had 1249.

The only 1952 winner whose score was lower than the comparable tally of 1950 was Len Hart in the scratch singles. Hart rolled a 598 series, just three pins below the 601 of Walt Sherrod in the 1951 event. C. Smith, the 1952 handicap singles winner, however, had a 683 score against 654 posted by Otto Briscoe a year ago.

Roy Roberts ousted Hart as the tournament champion in the all events scratch scoring, the former rolling a 1744 this year to top Hart's 1951 score of 1704. Hart, however, finished second this year with his 1713 topping last year's tally. In the handicap all events Guy Petersen's 1924 topped the 1905 score of Jay Holzknicht in 1950.

Scratch Game Far Ahead

The 255 scratch single game score rolled by both Roy Roberts and J. Ross this year was well ahead of the 225 posted by Ed Sise in 1951.

The trophies for the 1952 tournament winners were slated to be distributed on Tuesday afternoon of this week at the Y-12 Recreation Office, North Portal.

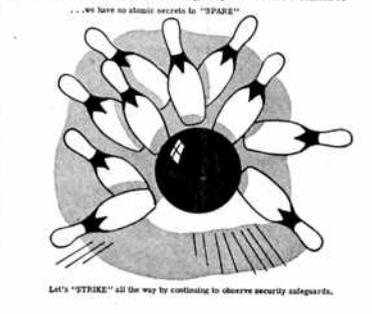
Riflemen Of Y-12 Snap Losing Streak

The Y-12 rifle team snapped out of a losing streak with a vengeance last week, topping the Independents by more than 13 points. The match completed the second round, leaving five to go in the third and final round. The next Y-12 match will be against General Electric tomorrow night, Thursday, March 6.

The Y-12ers outscored the Independents by 856 to 797 scratch and 970.655 to 956.891 handicap. Individual Y-12 scores were W. D. Cunningham 174—195.840; J. D. Rose 170—194.695; Ray Wells 164—194.240; L. H. Thiesen 165—193.679; and W. R. Rathkamp 183—192.201.



Only adequate international atomic energy safeguards have been established. ... we have no atomic secrets to "SPARE"



Let's "STRIKE" all the way by continuing to observe security safeguards.

Toppers Grab Top Spot In D League, Defeating Old Men

The Toppers broke that tie for first place with the Old Men in the D League last week by walloping the old folks for three points, giving the victors a two-point advantage and tossing the losers to a tie with the Activators for second place. The Activators took three from the Hoboes. In other loop matches the Vectors turned in the only whitewash win of the night over the Isotopes and the Woodchucks and Grocers broke even.

The Toppers got a big boost in their triumph as Hogg took most of the individual scoring honors with a 224 scratch game, 263 handicap game and 659 handicap series. Hobey Thomas, of the Hoboes, had a 545 scratch series.

The Activators had the best team scores of 868 scratch and 1051 handicap. The Grocers rolled a 2369 scratch series and the Vectors topped 2981 pins for handicap series.

League standing follows:

| Team | W | L |
|------------|----|----|
| Toppers | 21 | 11 |
| Old Men | 19 | 13 |
| Activators | 19 | 13 |
| Hoboes | 17 | 15 |
| Woodchucks | 17 | 15 |
| Vectors | 17 | 15 |
| Grocers | 16 | 16 |
| Isotopes | 4 | 28 |

Rough House Five Will Play Biology For League Crown

The Y-12 Rough House Five basketballers will meet Biology in the playoff game for the Inter-Plant League title at 7:30 o'clock tonight, Wednesday, March 5, at the Jefferson Junior High School gymnasium. The Rough House Five nosed out Metallurgy last week for the second half championship.

Standing at the end of the second half of play follows:

| Team | W | L |
|------------------|---|---|
| Rough House Five | 6 | 1 |
| Metallurgy | 5 | 2 |
| Biology | 5 | 2 |
| No Goodricks | 4 | 3 |
| Bldg. 9212 | 3 | 3 |
| Orsorts | 3 | 4 |
| Wildcats | 1 | 5 |
| Machine Shop | 0 | 7 |

More Sports News On Page Four

CORRECTION IS MADE IN TOURNEY SCORES

A recapitulation of scores in the Y-12 plant bowling tournament last week showed only one change to be made—that of the best handicap game rolled by women bowlers in the event. The correct results show Juanita Kirwan with a 242 handicap score instead of Mavis Koons and Mozelle Kennedy being tied with 220. Ruby McGinnis had the top scratch game of 206.

Woes Oust Striketettes From W Loop Lead; McGinnis Hits Well

The Woes, first half champions of the W League of plant keglerettes who have been trailing all during the second half of play, finally bounced back to the top of the heap last week by handing the Striketettes a three straight game whitewash defeat. The Striketettes, the Cinderella team of the league who finished far down the standings in the first half, had been in first place for the past several weeks. The other matches of the night saw the Kemps and Make Ups blanking the Cracker Jax and Mix Ups respectively and the Controllers taking two from the Hi Balls.

Ruby McGinnis paced the Kemp win by sweeping individual scoring honors. Her 205 scratch single game was high for the second half and she went on to post 241, 510 and 618 across the board. The Make Ups had the best handicap team scores with a 958 game and 2805 series. The Controllers rolled a 732 scratch game and the Kemps a 2089 scratch series for tops.

League standing follows:

| Team | W | L |
|--------------|----|----|
| Woes | 14 | 7 |
| Controllers | 13 | 8 |
| Striketettes | 12 | 9 |
| Cracker Jax | 10 | 11 |
| Kemps | 10 | 11 |
| Make Ups | 10 | 11 |
| Hi Balls | 8 | 13 |
| Mix Ups | 7 | 14 |

Y-12 Pinmen Climb Toward Loop Lead

The Y-12 men's varsity bowling team continued its dogged march toward first place in the Oak Ridge City League Monday night, February 24, when they blanked the Management Services pinmen. It was the second straight whitewash win for the second place Y-12ers and put them within seven points of first place, held by Friedman's Jewelers.

The Y-12ers scored games of 913, 873, 879—2663; to 679, 843, 818—2358 for the losers. Len Hart topped the Y-12 scoring with 193, 209, 184—586; and was followed by Roy Roberts 201, 193, 178—572; Frank Gragg 170, 163, 178—511; Jack Spears 172, 165, 166—503; and Ernie Cobble 177, 143, 173—493.

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

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

Safety Thinking Of Y-12er Exemplified By 'Golden Rule' Policy; Thoughtfulness For Others Cited As Paying Off Responsibilities

Here's an example of safety thinking on the part of a Y-12 employee, as expressed in a recent safety meeting. It is so much to the point that The Bulletin is reprinting in full the talk made by A. L. Roberts, a millwright in the Field Maintenance Department, at a recent departmental safety meeting.



"Many times people are hospitalized and often killed by their own hazardous ways of living or neglect. One of the best policies of safety in the whole world is the Golden Rule, ('Do Unto Others As You Would Have Them Do Unto You.')

Each Has Moral Responsibility

"Whatever you happen to be doing—walking, driving, operating a drill press, lathe, welding machine or what-have-you, you should keep your equipment in safe operating condition; not only for your own safety but for the safety of others. You have a moral responsibility to your fellow workers, to keep him safely at work by avoiding unsafe practices, or leaving a trap for him. How would you feel if

you sustained a painful injury because of someone's carelessness?"

"Never leave loose drills in machines or hot material without 'hot' written on it. As many have stated, just plain thinking of others may save your own life. By moving over on the highway your family's life may be saved—by the same act others may be saved. Remember, the life you save may be your own. Self-centered greed, care-

lessness, wilful or just plain neglect has no place in this world of ours today. The day of this tough guy has passed and gone with the horse and buggy days. Today's high speed demands faster thinking and foresight, in other words, a higher level of intelligence. It's smart to be safety minded.

Thoughtfulness Pays Off

"Someone's thoughtfulness may prevent your being handicapped in years to come, living in poverty, without legs or arms, or blind—possibly begging on the streets. We have history of the actual happenings of **One Man who protected others, who one day without a broken bone had complete rest, happiness and security.** You can also be the same kind of man, be thoughtful, care for others that it may be well with you in the end. Not one bone was broken in Christ's body because he lived and protected others.

"My fellow workmen, friends and all, let us protect each other to save ourselves."

Dr. George O. Curme, Jr., Becomes Director Of Union Carbide Succeeding J. A. Rafferty



Dr. George O. Curme, Jr.



James A. Rafferty

Dr. George O. Curme, Jr., has succeeded the late James A. Rafferty as a director of Union Carbide and Carbon Corporation, it has been announced by Fred H. Haggerson, president of UCC, Chairman of the Board of Directors of Union Carbide. Mr. Rafferty died last December while on a vacation trip in Fort Lauderdale, Fla. He also was a Vice President of the Corporation.

Dr. Curme, as Vice President of Union Carbide, is in charge of all research activities of the Corporation. For many years he has been a leader in the field of chemistry of aliphatic compounds, now frequently referred to as petrochemicals.

Awarded Many Honors

During his service with Union Carbide Dr. Curme has been awarded many honors in the field of chemistry. Columbia University granted him the Chandler Medal in 1933 and in 1935 he was presented with the Perkins Medal of the Society of the Chemical Industry. The Franklin Institute presented him its Elliott Creson Medal in 1936 and in 1940 the National Association of Manufacturers honored Dr. Curme with the Willard Gibbs Medal in 1944 and he was elected a fellow of the New York Academy of Sciences in 1950.

Dr. Curme was elected Vice President of UCC Chemical Research in 1948. He also served as Vice President and Director of Carbide and Carbon Chemicals Corporation and the Bakelite Corporation, both Units of UCC, for several years.

It was his research work on acetylene at the Mellon Institute of Industrial Research from 1914 to 1918 that resulted in formation of Carbide and Carbon Chemicals Corporation in 1920. He attended Northwestern University, took graduate work at Harvard and received his doctorate degree from the University of Chicago.

Visited Here In 1950

Dr. Curme visited Oak Ridge in 1950 as a senior member of the Union Carbide research committee.

Mr. Rafferty was a pioneer in the development of the synthetic organic chemical industry in the nation, which was built up largely under his direction since its beginning in 1920. During World

War II he was executive official in charge of Union Carbide work in behalf of the government's wartime synthetic rubber and atomic energy programs. He took a key part in the atomic energy program and was highly praised by Maj. Gen. Leslie R. Groves, wartime chief of the Manhattan Project. In 1948 he was awarded the Chemical Industry Medal by the Society of Chemical Industry in the development of the aliphatic chemical business.

Held Many UCC Posts

He was elected Vice President of Carbide and Carbon Chemicals Corporation in 1924, and in 1925 was named to a similar post in Linde Air Products Company, another UCC Unit. In 1929 he was elected President of Carbide and Carbon Chemicals Corporation and in 1939 was elected President of Bakelite Corporation, becoming Chairman of the Board of both Units in 1944. During his career he was a member of the Board of Directors of several other UCC Units and was made Vice President of Union Carbide in 1939, a Director in 1941 and member of the Corporation executive committee in 1944.

Six Papers By Y-12 Scientists On Program

Continued from Page 1

"Analysis of Zirconium Oxide" is the subject of the first offering by Spitzer and Smith. It presents a spectrochemical method for the quantitative analysis of zirconium oxide for 22 impurities. The final paper, by Norris and Pepper, is entitled "Quantitative Spectrochemical Analysis of Rare Earth Mixtures." It describes a method that has been developed for the analysis of the major rare earth constituents in solutions using strontium as an internal standard.

Based On Work Here

All of the Y-12 papers are based on work done in the plant laboratories and describes advancements made in their fields by the scientists working for Carbide in the Y-12 plant area. A total of 121 papers are on the program for presentation with more than 200 scientists listed as authors.

Ceramics Society Section Will Meet In Macon, Ga.

Some Y-12ers interested in ceramics will attend a meeting of the Tennessee Valley Section of the American Ceramic Society at Macon, Ga., March 7 and 8. Headquarters for the meeting will be in the Dempsey Hotel and registration opens at 11 a. m., Friday, March 7. An interesting technical program and visits to brick, clay, and tile plants will be made. Women attending the meeting will be entertained with tours of historical points.

Louis M. Doney, located in Bldg. 9766, telephone 7644, is secretary of the Tennessee Valley Section. He stated that the next meeting of the group would be held in Clemson, S. C., in June or July.

'Wesquire Girls,' Other Acts Feature Lions Club Minstrel

Didja ever see a "Wesquire Girl?" Do you like entertaining minstrel shows with lots of tuneful songs, plenty of jokes and an added attraction of a "ladies auxiliary" feature? Then don't miss the annual Oak Ridge Lions Club minstrel show this week at the Jefferson Junior High School auditorium. A dress rehearsal will be given tonight, Wednesday, March 5, tonight when children will be preferred spectators, admitted for 50 cents. The remaining performances will be staged Thursday, Friday and Saturday nights, when admission will be \$1.25 with no seats reserved. Curtain time is 8:15 o'clock for all performances.

The "Wesquire Girls" is a satire on the Esquire Magazine calendar girls. The skit was written and will be produced by W. C. Tunnell, of Y-12, with other Y-12ers in the cast including Dr. C. P. Keim, Pete Kackenmaster and Jim Bowers. In other parts of the show end men include Bill Cobb and Bill McDonald, and chorus line members are Jim Hays, Bill Harmon, Elmer Olsen, Eugene Williams, Jim Keeton and Keith Brown, all of Y-12. Other Y-12ers connected with the production are M. R. Skidmore and Joe Culver, in charge of properties, and Joe Preslar, financial chairman.

Wives of Lions Club members also will be featured in the minstrel with two appearances scheduled.

Tickets may be obtained from any Lions Club member and at the box office of the auditorium on performance nights.

Accidents don't always happen to OTHER people.

Attendance Record

| Dept. | MAJOR LEAGUE | | Standing | |
|-------|------------------------|----------------------|----------|---------|
| | More Than 50 Employees | Scheduled Percentage | 2-24-52 | 2-17-52 |
| 2619 | 1.0 | 1 | 7 | |
| 2077 | 2.4 | 2 | 3 | |
| 2790 | 2.5 | 3 | 11 | |
| 2617 | 2.6 | 4 | 1 | |
| 2091 | 2.7 | 5 | 6 | |
| 2773 | 3.9 | 6 | 9 | |
| 2618 | 4.0 | 7 | 8 | |
| 2015 | 4.1 | 8 | 12 | |
| 2018 | 4.3 | 9 | 2 | |
| 2142 | 4.4 | 10 | 4 | |
| 2014 | 4.5 | 11 | 14 | |
| 2003 | 5.0 | 12 | 10 | |
| 2060 | 5.6 | 13 | 5 | |
| 2001 | 6.3 | 14 | 13 | |

Group absentee percentage was 3.7 per cent; .2 per cent lower than the preceding week.

| Dept. | MINOR LEAGUE | | Standing | |
|-------|-----------------|----------------------|----------|---------|
| | 15-49 Employees | Scheduled Percentage | 2-24-52 | 2-17-52 |
| 2109 | 0.0 | 1 | 1 | |
| 2002 | 0.0 | 1 | 1 | |
| 2093 | 0.0 | 1 | 4 | |
| 2743 | 0.92 | 2 | 1 | |
| 2616 | 0.93 | 3 | 9 | |
| 2144 | 1.1 | 4 | 7 | |
| 2090 | 1.5 | 5 | 10 | |
| 2005 | 2.1 | 6 | 1 | |
| 2200 | 2.4 | 7 | 1 | |
| 2133 | 2.6 | 8 | 13 | |
| 2064 | 3.6 | 9 | 2 | |
| 2143 | 4.0 | 10 | 1 | |
| 2108 | 4.1 | 11 | 6 | |
| 2096 | 4.7 | 12 | 5 | |
| 2008 | 4.8 | 13 | 8 | |
| 2145 | 5.7 | 14 | 11 | |
| 2739 | 7.6 | 15 | 12 | |
| 2107 | 8.7 | 16 | 1 | |

Group absentee percentage was 3.5 per cent; 2 per cent higher than the preceding week.

The plant average for the week ending February 24, was 3.7 per cent; .2 per cent lower than the preceding week.



Continued from Page 1

tenance, vacationed at home in Knoxville, last week.

The Analytical Laboratory welcomes **Susie Smith** and **Richard Fenske** to the roster . . . Get-well wishes go to **Jean Tipton** who has the flu . . . The department welcomes **Herman Holsopple** back to work after being off with the flu. . . **Lodean Butler** spent a recent week end in Celina, Tenn. . . **Ann Wenzler** has her brother and his family, from Battle Creek, Mich., visiting at her home in Clinton.

Pistoleers Of Y-12 Lose To Atomic Energy Team

The Y-12 pistol team was beaten last week by the AEC gunmen 1447.945 to 1441.186. The Y-12ers fire against the Oak Ridge Police team tonight. The Y-12 scores were J. K. Bair 268—289.945; J. D. Kington 222—289.415; F. B. Thomas 121—288.097; H. C. Hoy 209—287.870; and M. E. LaVerne 257—285.999.

'Unclassified' Overture To Get Premier Locally

Any Y-12ers who like a little music with their science—or vice versa—are invited to attend the premiere performance of "Overture for the Dedication of a Nuclear Reactor" to be given by the Oak Ridge Symphony Orchestra Wednesday night, March 19. The concert will be staged in the new civic auditorium at 8:15 p. m.

The "unclassified" musical composition was written by Arthur Roberts, a physicist-composer, now an associate professor in the physics department of the University of Rochester. The overture is said to be humorous in an intellectual sort of way. The composer has written two operettas on the funnier aspects of scientific war work, both being successfully produced. Dr. Waldo Cohn, director of the Oak Ridge Symphony Orchestra and a biochemist in the Biology Division, will conduct the orchestra in the March 19 concert. The overture was dedicated to Dr. Cohn by the composer.

Wilhelmina P. McClatchey Died Friday, Rites Monday

Funeral services for Wilhelmina P. McClatchey, 42, an employee in the Y-12 cafeteria, were held at 3:30 o'clock Monday afternoon at McMillan Chapel, Knoxville College. Interment was in the Knoxville College cemetery. She died on Friday, February 29, in the Knoxville General Hospital. She was a graduate of Knoxville College and is survived by three brothers.

Hart Posts Good Scores In Southern Pin Meet

Len Hart posted some good individual scores in the Southern ABC Bowling Tournament at Birmingham over the week end. He had a 1699 scratch all-events score, 626 scratch series boosted to 662 with handicap and a top scratch single game of 254. The Y-12 varsity team rolled a 2505 scratch series.

Small Businesses Get Credit For Tank Job

Men and women of labor and management in more than 2,000 plants and businesses in 22 states had a hand in making the "Walker Bulldog" tank, the Army's newest mobile weapon that has been called the best in the world. Of the more than 2,000 "suppliers" through the prime contractor, some 1,600 were small business concerns having less than 500 employees each.