



ACCOUNTING AND BUDGET FOLKS WERE ALL SMILES to bid "adieu" to their popular co-worker, Harold J. Ratjen, who retired Tuesday, January 31. From left are T. A. Hart, W. C. Hoppe, J. K. Denton, Ellen Hughes, Ratjen, Athala Markland, T. A. Williams, and R. P. Waldrop, Department Head. At the reception given Friday, January 27, the department, along with Ratjen's many other friends in Y-12, presented him with Oak Ridge Country Club dues paid through this year. This will assure sportsman Ratjen of many long hours on the golf greens this summer.

## Y-12 Credit Union Tops \$3,000,000 Mark In Assets As Best Year's Business Cited

1960 Dividend Of 5.1 Per Cent Declared; W. R. McGill Re-elected President At Meeting

The Y-12 Employees Credit Union enjoyed its biggest year in history in 1960, according to the annual report of the organization's board of directors submitted to the membership meeting on January 30 by W. R. McGill, president. The report revealed that the organization has topped the \$3,000,000 mark in assets — reaching the \$3,024,975.17 mark last December.

The Credit Union membership had a busy session at the annual meeting. Officers for the year were elected, a dividend of two and one-half per cent was declared (which with a similar dividend last July brought the total dividend for 1960 shareholders to 5.1 per cent) and committee reports were received.

The dividend accruing to each shareholder will be credited to his account.

### Value Of Loans Increases

Increases in many different categories were reported by the board. The total value of outstanding loans at the end of the year was \$2,366,651.23. This was an increase of \$681,000.26 over 1959. Loans made in 1960 totalled \$4,477,695.51, an increase of \$1,201,489.82 over the previous year. The total number of loans made in 1960 was approximately 6,400, also an increase over 1959.

In the 10½ years of operations the Y-12 Employees Credit Union has made a total of 52,080 loans,

amounting to \$20,201,069.20. Membership (shareholders) in the Credit Union at the end of 1959 was 4,873 and at the end of 1960 was 5,183, an increase of 310. During the 10½ years of existence of the Credit Union shareholders saved \$2,753,621.04. Of this amount \$273,510.24 was accumulated in 1960.

### Operating Costs Are Low

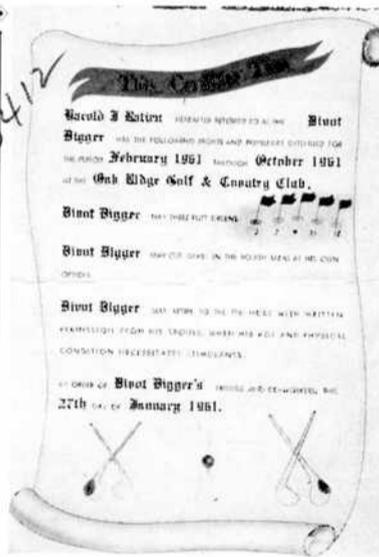
The director's report praised the loyalty and diligence of the treasurer-manager of the Credit Union, Mrs. Lorena Causey. The report pointed out that as a result of her efforts and efficient management throughout the organization that operating costs were kept below 35 per cent of the gross income of \$261,393.89. This is well below the national average for credit unions of comparable size. Also during 1960 \$12,448.89 was charged off in bad debts. This brings the total since organization in 1950 to \$34,099.85. This is but .169 per cent of the total loans made, also well below the national average.

In the balloting for members of the board of directors and the credit committee, recommendations of a nominating committee headed by Leo Hemphill, Mechanical Engineering, were adopted without change.

### Other Board Members Elected

President McGill, Fire and Guard Supervisor, whose term on the board expired, was re-elected to the board. Also elected as board members were E. G. Richardson, Safety, formerly on the credit committee; T. J. Stephens, Plant Records; and J. P. Blakely, an Oak Ridge National Laboratory employee in the Y-12 Plant Area. Holdover members of the board were Mrs. Causey, C. V. Ketron, also of ORNL; and W. E. Davis, Security.

At a board meeting immediately following the election, the directors re-elected McGill president, Stephens vice president, Mrs. Causey, treasurer-manager, Richardson secretary, Blakely assistant treasurer and Davis chairman educational committee for 1961.



A SCROLL FOR A DIVOT DIGGER was presented Ratjen by his friends on his departure. Designed by Jean Raines, Process Analysis, the certificate entitled "Ratch" to many privileges denied just ordinary golfers. Coffee and a slice from the huge cake resembling a golf course finished off the pleasant surprise to the retiree.

## AIEE Will Hear Address By Westinghouse Official

The Oak Ridge Section of the American Institute of Electrical Engineers will hear Richard Hunstad, of the Westinghouse Laboratories, speak at 7:30 p.m. on Thursday, February 9, in the Coral Room of the Ridge Recreation Hall.

Hunstad's topic will be "Magneto-hydrodynamics." Visitors are welcome to attend the AIEE meeting and Y-12ers may learn particulars from R. E. Hill, plant telephone 7081.

## Special Seminar To Hear MIT Professor On Monday

Prof. Francis Bitter, of the National Magnet Laboratory of the Massachusetts Institute of Technology, will speak at a special physics seminar to be held by the Physics Division of Oak Ridge National Laboratory next Monday, February 13. The meeting will be at 3:15 p.m. in the central auditorium of Bldg. 4500, ORNL. Professor Bitter's subject will be "Generation and Use of High Magnetic Fields at the National Magnet Laboratory." Y-12ers interested in the topic are invited to attend the seminar session.

## UCC Sales Highest In History In 1960 But Net Income Drops

1959 Previous High Mark Slightly Topped; Income Sag Laid To Lower Steel Operations

Sales of Union Carbide Corporation for 1960 were the highest in the Corporation's history, Morse G. Dial, chairman and chief executive officer, has reported in a preliminary statement. Sales were \$1,548,168,000, which slightly exceeded the previous all-time high of \$1,531,344,000 in 1959. They were 19 per cent above sales of \$1,296,532,000 for 1958.

### Income Eight Per Cent Below Former High

Net income in 1960, second highest in the Corporation's history, amounted to \$157,980,000, or \$5.25 per share. This was a decrease of eight per cent from the record net income of \$171,637,000, or \$5.70 per share, in 1959, and an increase of 26 per cent over net income of \$124,937,000, or \$4.15 per share, in 1958.

Mr. Dial commented that among the principal reasons for the decline in net income were the decreased level of sales in alloys and electrodes, caused by the reduced level of operations in the steel industry and the slackening in the general economy. He stated that Union Carbide was intensifying its efforts to reduce costs and increase productivity.

### Quarterly Dividend Is Declared

The board of directors of Union Carbide Corporation has declared a quarterly dividend of 90 cents per share on the outstanding capital stock of the Corporation payable March 2, 1961, to stockholders of record February 6, 1961. The last quarterly dividend was 90 cents per share paid December 1, 1960.

## Many Entries Expected In February Contest For Safety Poster On 'Accident Prevention'

Winner Of January Competition And Sketch On 'Spring Clean-Up' To Be Given Next Week

As interest is zooming in the monthly safety poster contests now being conducted by the Y-12 Safety Department for all Carbide employees in the Y-12 Plant Area and members of their families, a large number of entries is expected before the February 28 deadline for the current contest. Safety posters designed during February will be on the subject of "Positive Action, Prevention of Accidents" and the winning sketch will be embodied in the safety poster for the month of May.

An award of an electric deep fry pan will be presented to the designer of the winning sketch during February. A three-quart sauce pan is the second prize.

During the January contest for April posters a large number of excellent entries were submitted. The winners of the competition and the first place sketch will be published in The Bulletin next week. The subject of the January competition was "Spring Clean-Up Week."

## Standard Oil Man To Talk At Meeting Of Metals Group

Dr. Carl H. Samans, of the Standard Oil Co. of Indiana, will speak at a meeting of the Oak Ridge Chapter of the American Society for Metals next Wednesday night, February 15. The session will be at the Holiday Inn, Oak Ridge, with a social hour at 6:15 p.m., dinner at 6:45 p.m. and the business meeting at 8 p.m. Dr. Samans' topic will be "Elevated Temperature Attack of Steels by Hydrogen, Hydrogen Sulfide and Mixture of These Gases." The speaker received his Ch.E degree from Rensselaer Polytechnic Institute in 1929, a masters' degree in metallurgy from Yale University in 1934 and a Ph.D from the same university in 1934. He currently is director of the engineering materials division under the operating name of the American Oil Co.

## AEC Airplane Service To End About March 4

Airplane service that has been provided by the Atomic Energy Commission from Knoxville to various AEC operation locations will be discontinued about March 4, it has been announced by S. R. Sapirie, manager, Oak Ridge Operations, AEC. The service has been available for many Oak Ridge Carbide employees from Knoxville to Paducah, Ky., and other AEC plant locations on business trips. Announcing the suspension of the airplane service, the AEC stated:

"Information on any change in current flight schedules prior to ending the service will be issued later. Information on schedules of commercial carriers between Knoxville and points previously served by the AEC planes also will be provided."

## Two Wives And Y-12er Take Office In Eastern Star

Two wives of Y-12 employees and a Y-12 employee were among the officers of Oak Ridge Chapter, No. 390, Order of Eastern Star, installed on Saturday night, January 24. Mrs. Nelle DeFord, whose husband, F. H. DeFord is in Research Services, became the new worthy matron of the chapter. Mrs. Helen Bailey, wife of Harold Bailey, of Electrical, was installed as associate matron and her husband as associate patron. Other officers installed included Claude Stephens, Oak Ridge Gaseous Diffusion Plant, patron. A picture of the new chapter officers for 1961 is published on Page Two of this edition of The Bulletin.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated 17 Days Or 506,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through February 5 Phone 7755 For Daily Report On Accident-Free Hours

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
UNION CARBIDE  
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GEORGE W. DOBBS ..... Editor

### OFFICE

Post Office Box Y  
Oak Ridge, Tenn.

Bldg. 9704-2 Room 149  
Telephones 7100 - 7109



Miss Joyce Anne Oxford

### OXFORD—JACKSON

A summer wedding is being planned by Miss Joyce Anne Oxford and Woodrow Jackson, Jr., whose engagement was announced last week. Miss Oxford is the daughter of Ules M. Oxford, of the Y-12 General Machine Shop, and Mrs. Oxford, who live at 110 Valetta Lane, Oak Ridge. Parents of the groom-elect are Woodrow Jackson, Sr., of Research Services, and Mrs. Jackson, of 470 West Outer Drive.

Miss Oxford is a graduate of Oak Ridge High School and will graduate from Knoxville Business College in June. Jackson also graduated from Oak Ridge High School and is attending the University of Tennessee.

### Concordia Choir To Give Ridge Concert February 12

The Concordia College Choir from Moorhead, Minn., will make its fourth appearance in Oak Ridge at 8:15 p.m. Sunday, February 12, in the Oak Ridge High School auditorium.

The talented singers, under the direction of Paul Christiansen, have proved themselves annual favorites with Oak Ridge audiences. The director is a well known composer of choral and orchestral music. The program will consist of both sacred and secular music. Tickets are on sale at Clark and Jones, The Music Box and Loveman's, or may be obtained by calling Oak Ridge 5-3413.

### Lincoln Not First To Say 'Of, By And For People'

Of around 100 persons asked who first said, "Of the people, by the people and for the people," probably 99 will reply, "Lincoln, in his Gettysburg address."

The famous phrase, familiar to millions, actually is 579 years old. It once appeared in the Bible. In John Wycliffe's introduction to his translation of the Bible, published in England in 1382, these words occurred: "This Bible is the government of the people, by the people and for the people."

## Brother Of Two Y-12ers Named To Defense Post

Two Y-12ers in the Engineering Division were busily accepting congratulations recently after their brother had been appointed by the then President-Elect John F. Kennedy to the post of Assistant Secretary of Defense for Supply and Logistics.

### Is Assistant Secretary

The Y-12 brothers are Robert S. Morris, of Civil and Architectural Engineering; and Charles K. Morris, of Piping Engineering. Both live in Knoxville. Their brother, the new Assistant Secretary of Defense, is Thomas D. Morris, 46, formerly of Knoxville. He is the son of the late Thomas D. Morris, Sr., one-time business manager of the University of Tennessee.

The mother of the Y-12ers and the new federal appointee now is living in Williamstown, Mass., having moved there about two years ago.

Thomas D. Morris has been employed by the federal government for several years and prior to taking over his new defense Department position was assistant director for management and organization for the Bureau of the Budget. He graduated from the University of Tennessee in 1934, where he was editor of the Orange and White, student newspaper. He worked for the Tennessee Valley Authority after graduation and then went with a chemical firm in Cincinnati and during World War II he served as a lieutenant commander in the Navy.

### Not New To Department

He is not new to the defense department, having served there in 1956 and 1957, but left to become assistant to the president of the Champion Fibre and Paper Co., Hamilton, Ohio. He returned to government service in May, 1960, when he joined the Budget Bureau.

Morris is married to the former Miss Mary Scott, of Johnson City. They have two children and live in Westmoreland Hills, Md. Other relatives of the new Defense Department aide are a brother, John C., of Maryville; and Miss V. T. Morris, sister, of the Inskip area.



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

Hence Mitchell, Z Area; L. F. Powell, Timekeeping; M. L. Sullivan, Guard; L. C. Hale, TW Shop; T. G. Pappas, Ceramic and Plastics Development; J. C. Terry, Chemical Engineering Development; L. B. Huddleston, Tool; W. B. Plemons, Cashier and Travel; W. E. Ramsey, Metallurgical Development; Parker Pelfrey, Process Maintenance.

### Symphony Will Present Concert Saturday Night

The Oak Ridge Symphony Orchestra will present its second concert of the season on Saturday night of this week, February 11. The concert will be at 8:15 p.m. in the Oak Ridge High School auditorium and is sponsored by the Oak Ridge Civic Music Association.

Isabelle Byman, of New York City, will be the featured pianist on the program. She will present Beethoven's Concerto No. 3 in C Minor. Other competitions to be played will be Gluck's overture to his opera, "Iphigenia in Aulis," and Haydn's Symphony No. 88.



SEVERAL WIVES OF Y-12ERS AND THEIR HUSBANDS WERE AMONG THE NEW OFFICERS installed January 24 by Oak Ridge Chapter, No. 390, Order of Eastern Star. With Y-12 connections in parenthesis, in the back row, from left, are Verona Davy, Kathleen Waters, Harold Bailey, Associate Patron, (Electrical); Mary Nell Jones, Helen Bailey, Associate Matron, (wife of Harold Bailey); Nelle DeFord, Worthy Matron, (wife of F. H. DeFord, Research Services); Claude Stephens, Annabelle Ryan, Ruby Collins and Vera Dean Sproles. In the front row are Miss Joe Mixon, Pat Allen, Margaret McNutt, Virginia Foster, Esther, (wife of B. B. Foster, Mechanical Maintenance); Billie Beatty, Dixie Self, Ruth, (wife of Arnold Self, Colex Auxiliary Operations); Odean Stephens, Hubert Dick, Sentinel, (General Machine Shop).



This little sketch is meant to remind one and all Y-12ers of one of the year's most sentimental observances. Valentine Day, in case one does not know, falls on next Tuesday, February 14. So you guys—and the Gals might fall in line, too—be sure to remember a heart-shaped gift for Mamma, Sweetie Pie, Lover Boy and/or other folks that cause the ol' ticker to thump a little bit louder.

Don't say you weren't warned. The Colyum this week probably resembles an art exhibition of Baby Show entrants—so on to the pleasant task of making Proud Grandparents and one set of parents happy by parading the portraits of their precious little ones. Starting out will be—

### SHIFT SUPERINTENDENTS AND UTILITIES

Armed with two guns and ready to prowl out after "bad mens" is this handsome youngster, grandson of Y-12er E. R. Bailey, of Utilities, and Mrs.



Preston

Bailey, who live in Oliver Springs. The youngster is Preston Honeycutt, 29 months old. He is the son of SP-5 E. T. Honeycutt, with the United States Army in Germany, and Mrs. Honeycutt, who is a daughter of Y-12er Bailey. Finley Creigh, the Big Boss of B Shift, skidded 'round and 'round on the icy River Road last Friday night, but he escaped injury. Dave Harrigan, also of the PSS Office, is among the ailing aggregation. J. H. Potter has entered University Hospital in Knoxville and F. D. Robinson went to Oak Ridge Hospital—both for surgery—and rapid recovery wishes go their way. Congratulations go to R. G. Hurst, the Proud Pop of a baby girl born January 26, weighing six pounds, 13 ounces. She was named Janet Susan. She has two big brothers at home. Jackie Ward's sister and her

family from Johnson City visited the Wards.

### INDUSTRIAL RELATIONS

This relaxing little Georgia gal is Miss Nancy Lee Young, whose



Nancy Lynn Young

beaming Grandpop is Capt. H. Leroy Dickenson, of the Boys in Blue of the Fire and Guard Department. Nancy Lynn was born on December 14 in Atlanta, Ga., her parents being Mr. and Mrs. Fred (Jean Dickenson) Young. Nancy Lynn tipped the scales at seven pounds, 13 ounces and this recent picture shows she has not lost any weight. Get well wishes go to Guard D. H. Patterson in Presbyterian Hospital, in Knoxville; Guard M. L. Sullivan in Oak Ridge Hospital; and G. H. Harvey, ailing at home in Kingston. Meanwhile, on the sunny side Guards H. J. Ballew, J. H. Russell and S. L. Ray are welcomed back after bouts with various miseries.

### MAINTENANCE

These bundled up bundles of joy are the snoozing grandchildren of W. L. Johnson, Sr., of Mechanical Maintenance. At left is Walter Lee Johnson, III, three



Walter Lee and Teresa Kay

and one-half months old and the son of Walter Lee Johnson, Jr., of Memphis. The other tot is Teresa Kay Fulks, three months old and the daughter of Charles Fulks and the former Miss Norma Jean Johnson, of Johnson City.

### MECHANICAL OPERATIONS

Production Control rolled out its nicest welcome mat recently for Kathy Mills, transferred from Medical. She really is making a hit with fellow employees with sweet teeth as she has been bringing in cup cakes and the like. Likewise for Bill Geldmeier, transferred from Colex Auxiliary Operations. Congratulations are being showered on Joe Johnson, his first child was born on

GET IN THE SPOTLIGHT!  
BE SOMEBODY'S VALENTINE AT THE -  
Y-12 ENGINEERING DIV.  
VALENTINE  
PLACE: OAK RIDGE COUNTRY CLUB  
DATE: FEB. 11  
TIME: 9-1  
WITH DAVE BLESSING  
OOGA BOOGA

January 31, was named Joel Scott and weighed seven pounds, nine ounces on arrival. Avis Collins is proudly displaying a belated Christmas—a shiny new otomobile. Get well wishes are extended to the sons of Ed Cothran and Gene Metties, all of whom were hospitalized recently. Leo Scalf is back from a flying trip to Sacramento, Cal., where he spent three days looking up kin folks and relatives. Bob Harris braved the highway to Cookeville the other night to see his alma mater, Tennessee Polytechnic Institute, get a basketball walloping from Memphis State.

This sleepy young 'un is Timothy Frank Patt, the fifth child of

Frank Patt, of the Beta Four Heavy Machine Shop. Little Tim was born in St. Mary's Hospital, Knoxville, on January 25, and weighed six pounds, seven and one-half ounces on arrival. Both father and son are doing fine, says the Colyum's reporter. The boys in the shop send hurry-up-and-get-well wishes to C. E. Anderson, in Baptist Hospital, Knoxville.

Most proud of his little bettlewagon on wheels is George Cox, of Rolling and Forming. It has a real good heater and on these recent chilly winter mornings, reports our agent in R&F, George just gets in, exhales a couple of breaths and the little car is all warmed up. Harry Shatley is getting better flights out of his golf balls after a steady diet of chicken wings and dumplings. Ernie Stinnett, one of Y-12's bet-

# Close Scraps Seen In Y-12 Pin Party

Entries For 1961 Fall Slightly Below 1960

Although the entry list fell slightly below 1960 figures, the 1961 edition of the Y-12 Plant Leagues Bowling Tournament promises to be a hard-fought and closely contested event in every category. The big alley clashes will be staged on Saturday and Sunday, February 18 and 19 at the Ark Bowling Lanes, Oak Ridge. Team events will be rolled on the first day of the session with singles and doubles winding up the program.

In the men's team competition, a total of 28 five-man groups will vie for honors in the event this year. Last year there were 31 teams entered. Men's doubles fell considerably below the 1960 figures, as only 49 pairs signed up as against 68 last year. However, in men's singles there will be 108 Y-12ers on the line as against 129 last year.

The women's singles this year drew 14 contestants as against 15 in 1960. A total of seven women's doubles team will be on hand this year. In 1960 there were 15. In mixed doubles 11 couples will compete this year as compared to 16 last season.

Rolling for the chance to be named Y-12 Bowling League champion of 1961 will be 90 men and 11 women maple maulers in the important all events competition.

# Masters Take Lead In Pistol League

The Masters marched into first place in the Y-12 Pistol League on January 23 when they upset the loop-leading Sharpshooters for both scratch and handicap decisions. In the other match of the night the Marksmen and Experts broke even, the Marksmen winning in handicap firing after the Experts took the scratch victory.

The Masters mopped up the Sharpshooters by 530 to 502 scratch and 580.414 to 574.099 handicap triumph. In scratch scoring Dave Alford topped the Masters with 274, followed by C. C. Beeler at 256. In handicap tallying it was Newt Hamby with 290.378 and J. H. Shoemaker with 290.036. For the Sharpshooters Ed Bailey had 257 and E. C. Williams 245 in scratch. In handicap it was F. S. Patton 288.745 and Bailey 285.354.

The Experts had a 488 to 469 scratch edge over the Marksmen, but the Marksmen nosed out the handicap win 573.599 to 571.708. K. A. Schumaker and J. V. Ledbetter had all the high marks for the Experts with 261 and 226 and 286.401 and 285.307. T. J. Bush posted a 251 scratch and 287.525 handicap to lead the Marksmen. Tommy Swindell fired 218 scratch and H. A. La-

# Busters, Cantrell Set Season's Highs In Bush Loop Action

Led by seasonal high scores by George Cantrell, the Pin Busters team in the Bush League of Y-12 bowlers busted wide open January 30 in the first round of play of the second half of the season. The Pin Busters blasted the Rollniks for a four-point whitewash victory; but similar wins were posted by the Beavers over the Alley Gators and the Rodders over the Balls O' Fire. Those results placed the victors in a three-way tie for first place.



George Cantrell

Cantrell contributed a 619 scratch and 682 handicap series to help his team also post high scores for the season. The Pin Busters registered scratch and handicap game scores of 976 and 1083 with 2727 and 3075 for series tallies. Also getting into the select class of record breakers was Sam Cambell, of the Beavers, whose 232 scratch and 257 handicap game were high for the night.

The loop results were rounded out by three-point victories by the Lucky Five over the High Balls and Nine Pins over the Rollmasters.

League standing follows:

Team	W	L
Pin Busters	4	0
Beavers	4	0
Rodders	4	0
Lucky Five	3	1
Nine Pins	3	1
Hi Balls	1	3
Rollmasters	1	3
Rollniks	0	4
Balls O' Fire	0	4
Alley Gators	0	4

# Eagles Fly High In Volleyball Loop

The Eagles were the only Y-12 team to see action last week in the Carbide Volleyball League, taking two out of three games from the Oak Ridge National Laboratory Biology No. 1 outfit. The Y-12ers won by 15-10, 15-8 and 10-15. The Oak Ridge Gaseous Diffusion Plant Process Engineers walloped ORNL Biology No. 2 by 15-14, 15-6, 15-6. The ORNL Spikers took three by forfeit from the Y-12 C Shift Cats and the Spikers' scheduled tilt with the ORNL Set Ups was postponed.

League standing follows:

Team	W	L
Spikers	81	0
Set Ups	17	1
A Shift	15	3
Process Engineers	10	11
Hunters	6	21
Eagles	5	9
MIT	4	8
Biology No. 2	5	13
Biology No. 1	6	17
C Shift	3	15

sater 286.074 handicap to hold second spots in scoring.

League standing follows:

Team	W	L
Masters	21	7
Sharpshooters	19	9
Experts	11	17
Marksmen	5	23

# Reactors Clinch Tie For Carbide Cage League Crown; Other Y-12 Teams Have Good Marks In Loop Last Week

Murtaugh Tallies 27 Of 31 For Players

With only one loss on their record so far and one more game to play, the Reactors of Y-12 have clinched at least a tie for the seasonal championship in the Carbide Basketball League. However, the title may not be decided until the last basket has been dunked as three teams are tied for second place, just one game off the pace.

One vital tilt is set for next Monday night at the Oak Ridge High School when the Reactors meet the Hoopniks, another Y-12 outfit and one of the three teams currently tied for second place. Also in that deadlock are two Oak Ridge Gaseous Diffusion Plant teams, the Hot Shots and All Stars. All three of the tied teams have three more games to play.

**Reactors Bag Two Wins**  
The Reactors, led by Capt. Don "Bug Eye" Bell, reached their haven of safety at least from losing out for a chance at the loop crown by adding two victories in easy style. The loop leaders trounced the Rebels, also a Y-12 quintet, by 54 to 37; and the Hot Shots by 49 to 39.

Last week was a good one for Y-12 teams in the circuit. The Atoms edged the ORGDP Lab Demons by 37-36 and the Rebels nosed out the Hoopniks by 38-37. Another Y-12 aggregation, the Players, licked the ORGDP Lab L outfit by 31-20.

In downing the Rebels, the Reactors led all the way and in every quarter score except the second, when the Rebs tallied 13 points to 11 for the victors. Cheek led the Reactors with 13 points, Bryson had 11 and Lew Fitzgerald eight. Mack Wright and Gene O'Hara tallied 10 each for the losers and Floyd Teno had nine. It was the same story for the Reactors against the Hot Shots, the winners staying out in front all the way. Spud Chandler topped the Reactors in this one with 13 points and Fitzgerald had 12. However, Morton had 20 for the Hot Shots for high gun of the game. Cress had 12 for the losers.

A big third quarter surge pushed the Atoms to their win over the Lab Demons, the winners piling up a 17-10 advantage after a deadlocked first half at 12 points each. Jim George dropped 12 points through the hoops and Edd Cothran 11. Again a member of a losing team was tops in scoring as Ed Woy accounted for 17 of the Demons' points. The Demons made a big threat to pull the game out of the fire by outscoring the Atoms by 14-8 in the final period, but couldn't quite catch up.

Mack Wright's 23 points brought home the bacon for the Rebels over the Hoopniks with a skimpy 9-8 first quarter margin insuring the win for the Rebs. Hugh Caudill had 17 counters for the Hoopniks and Chuck Dinkins 11.

Rod Murtaugh was the big gun



THESE TWO Y-12 BASKETBALL TEAMS TURNED IN THRILLING one-point victories in the Carbide League last week. At left are the Atoms. From left in the front row are Alternate Capt. Frank Clayton, Capt. D. W. Daws, Bob Easterday and Kendall Brady. In rear are Bob Miles, Bill Grubb, Ed Cothran and Jerry Babbs. The Rebels are shown at right. In front from left are Bill Leake, Capt. J. D. Shelton and W. A. Norman. In the rear are Jerry Upchurch, F. L. Teno, Tom Douglas and Eugene O'Hara.

# Smelters Teetering On Top Of Classic; Swingsters And Bumpers Threatening

After finishing in last place in the first half of the season in the Classic League of Y-12 bowlers, the Smelters startled the loop by holding on to first place in the second round for several weeks.

# Y-12ers Take Two From Independents

The Y-12 rifle team took both scratch and handicap decisions from the Oak Ridge Independents in their latest Carbide Rifle League matches. The victories kept the Y-12ers one point ahead of Oak Ridge National Laboratory in the league standings.

The Y-12ers rolled up a 1380 to 1311 scratch margin and 1446.990 to 1430.927 scratch edge. Dave DeWalt again led the Y-12 team in individual scratch firing with 282. Then came Davis 279, Blay 276, Vogelgesang 273 and Powers 270. In handicap scoring it was Vogelgesang 291.398, Blay 290.489, Holcomb 289.618, Fraley 288.120 and Coppock 287.302.

League standing follows:

Team	W	L
Y-12	21	8
ORNL	20	9
Independents	17	12
ORGDP	0	29

in the Players' romp over Lab L. The Y-12er accumulated nine field goals and nine free throws for a total of 27 out of his team's 31 points. The Players had only a 13-10 lead at halftime and the game was tied at 18-all at the three-quarter pole. However, Murtaugh hitched up his uniform and enabled his mates to roll up a 13-2 final period margin for the win.

League standing follows:

Team	W	L
Reactors	9	1
Hoopniks	6	2
Hot Shots	6	2
All Stars	6	2
Atoms	6	3
Lab Demons	6	3
Hawks	5	3
Players	4	6
D Shift	3	6
Lab L	2	7
Rebels	1	6
Buzzards	0	9

They still are teetering around on the top rung of the ladder and after last week's alley activities held a slim lead of one point. The Swingsters rose up to smite the Smelters for three points and gain a second-place tie with the boisterous Bumpers, who blasted the Cubs by the same margin to seriously threaten the leaders. Other three-point wins were recorded by the Has Beens over the Playboys, Tigers over the Sportsmen, All Stars over the Eight Balls and Screwballs over the Markers. Deadlocks were rolled by the Wolves-Rebels and Wasps-Rippers.

More good scores were post last Thursday night. C. R. Lively, Sportsmen, had a sizzling 610 scratch and 679 handicap series. Leo Hemphill, Cubs, came through with a 239 scratch and 283 handicap game, the latter score being high for the season. The Rippers took most team scoring honors with a 1016 scratch game, boosted to 1118 with handicap, and a 2606 scratch series. The handicap game tally was high for the season. The Has Beens got into the act with a 2952 handicap series for high of the night.

League standing follows:

Team	W	L
Smelters	18	6
Bumpers	17	7
Swingsters	17	7
Wolves	15	9
Has Beens	13	11
Rippers	12 1/2	11 1/2
Sportsmen	12	12
Cubs	12	12
Wasps	12	12
Tigers	12	12
Playboys	10 1/2	13 1/2
All Stars	10	14
Screwballs	9	15
Rebels	8	16
Markers	7	17
Eight Balls	7	17

Social tact is the art of making your guests feel at home, particularly when you really wish they were.



ALTHOUGH NOT CURRENT CONTENDERS IN THEIR RESPECTIVE LEAGUES, these two teams of Y-12 bowlers have an excellent attendance record in alley activities of their loops. At left are the Eight Balls of the Classic League. From left are Howard Horne, Capt. Bob Hagood, W. B. Stephens, John Towle and Bob Martin.

The Par Busters, right, are in the C League. From left are Harry Keen, Gordon Fielden, Lloyd Kahler, Dick Hays and A. V. Bible. Capt. M. C. Bays was not present when picture was made. Close contests are being waged in all four of the Y-12 Plant leagues this season.

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Continued from Page 2

ter golfers, hopes warm weather comes sooner than ever this year. Ernie has found him a new caddy (**Dimples Arrington**) who is reported furnishing golf balls for his caddy-master.

The Sunflower Shop sends its best get well wishes to **W. F. Quimby**, who has been ill since December . . . Also to **H. C. Day**, off ill for the past two weeks . . . The newest Proud Pop of the Shop is **Joe Ryan, Jr.**, whose qualification is Joe Ryan, III, born February 1, weighing six pounds, 12 ounces.

The TW Shop also has a roll of ailing folks . . . Foreman **L. C. Hale** and **L. K. Phillips** both are hospitalized, **M. J. Tharp** is ill at home and **Milton Jennings** also is away, recovering from injuries sustained in an automobile crash. Get well wishes go to one and all of them . . . **H. J. Russell** is vacationing at home, doing what any well-trained husband does on home vacations.

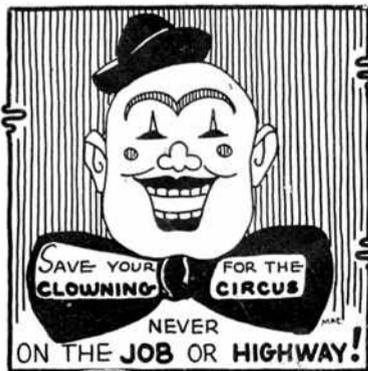
Electrical rolled out its red carpet of welcome last week for **Leroy Tate**, a co-op freshman from Georgia Tech who resides in Huntington, Tenn. . . **H. H. Buckner** planned some grouse hunting on Clinch Mountain for the past week end . . . Get well wishes are extended **W. H. Pool**, **R. F. Moyers** and **J. F. Johnson**.

**TECHNICAL**

Special Projects' **George McGown** is having troubles. First, he is glad that spring is just around the corner (Mr. G. Hawg is supposed not to have seen his shadow last Thursday) especially since he's learned (the hard way) that tire chains don't work so well wrapped around a rear axle. Then the poor lad found himself among the misery-ridden a few days ago, keeping company with one of those winter viruses snooping around . . . The SPs extend speedy recovery wishes to the wife of **Dick Cawood**—she underwent surgery January 27 . . . **Margaret Williams** avers it's wonderful not having to give the latest addition to her household her 2 ayem feeding. "Perrito," her Chichuahua purp, snores the whole night through and does not require nourishment in those wee hours of the morning.

Come back and see us again next week.

Many a woman who can't add can certainly distract.



**Big Five Plucks Sunflowers, Hold Lead In C League**

Aided by some sizzling scoring by the veteran Y-12 kegler, Ed Sise, the Big Five maple maulers of the C League plucked the Sunflowers for three points to retain their two-point lead in the circuit. Sise rolled a 259 scratch game, increased it to 274 with handicap and then had a fine 624 scratch series for his night's alley activities. This enabled his teammates to sweep all scoring honors for the second straight week with game marks of 970 and 1089 and series scores of 2677 and 3034. The scoring monopoly of the Big Five was broken only by J. Lovegrove, of the Alley Cats.

In other matches C Shift pounced on the Par Busters for three to keep on the heels of the Big Five. The SPs sank the Hillifers for a four-point whitewash. Even breaks of two points each were recorded by the Hookers-Alley Cats, Beta Fours-Ramblers and Chillers-IBMs.

League standing follows:

Team	W	L
Big Five	21	7
C Shift	19	9
Hookers	16	12
Beta Fours	16	12
Hillifers	15	13
Alley Cats	15	13
Chillers	15	13
IBMs	14	14
Ramblers	11	17
Par Busters	6	22
Sunflowers	5	23

**Skeet League Shooting Held**

McNabb-Montgomery took the lead in second half shooting in the Y-12 Skeet League action on Sunday, February 5 at the Oak Ridge Sportsmen's Association range. They had a score of 98 points. Patterson-Murray had the best score of the day with 65 and Fred Welfare's 41 was high individual scratch for the session. He also had high handicap score of 24.

League standing follows:

Team	Pts.
McNabb-Montgomery	98
Turner-Patton	96
Welfare-Bailey	96
Hopkins-Summerfield	89
Case-Hamby	87
*Patterson-Murray	65
*White-Brewster	63
*Tunnell-Dunlap	59

\*Incomplete scores

**Y-12er Describes Rescue Services At Clinton Meet**

Arthur F. Ogden, Sr., of the Y-12 Buildings and Grounds Department and chief of the Oak Ridge Civil Defense Rescue Services, spoke at the Clinton High School last Thursday night on work of the service. He described how individuals can protect themselves in case of explosions, fallout or other emergency. He also showed a movie on preparing a fallout shelter for homes and introduced a number of women members of Oak Ridge rescue teams to explain their work.



HERE ARE MEMBERS OF THE BOARD OF DIRECTORS AND OFFICERS FOR THE Y-12 CREDIT UNION for this year. From left are T. J. Stephens, vice president; W. E. Davis, chairman, educational committee; C. V. Ketron, W. R. McGill, president; Mrs. Lorena Causey, treasurer-manager; J. P. Blakely, assistant treasurer; and E. G. Richardson, secretary.

**Credit Union Tops \$3,000,000 Assets**

Continued from Page 1  
Elected to the credit committee by vote of the membership were C. E. Harris, Research Services; and H. A. Pohto, Mechanical Engineering. Holdover members are Mrs. Causey, Fred Wilkinson, office manager and assistant treasurer; and W. C. Moisson, Buildings and Grounds. In accordance with Credit Union regulations, the supervisory committee was appointed by the board with Ketron and C. E. Gillihan, SS Control, being new members appointed. A. M. Schrader, Process Maintenance, remained as chairman of this committee.



THE CREDIT COMMITTEE OF THE Y-12 CREDIT UNION is composed of, from left, Fred Wilkinson, W. C. Moisson, Mrs. Lorena Causey and C. E. Harris.

**Mixed Loop Top Teams All Triumph; Gal Bowlers Star**

All three top teams in the Mixed League of Y-12 men and women bowlers scored overwhelming victories last week with feminine bowlers pushing their "big brothers" for high scoring honors all the way. The loop-leading Toppers bagged three and one-half points from the Phantoms and the Pin Plasters and Scrapers shut out the Goofers and Cool Cats, respectively. The Nip and Tucks also nipped the Alley Cats for four.

Dorothy "Bill" Grizzell, rolling for the Pin Plasters, had a fine night on the alleys. She posted a 211 scratch and 258 handicap game and 602 handicap series. Ruby O'Kain, Toppers, occupied her usual spot of high scratch series scorer with 498. Bob Jago, also of the Toppers, had a 563 scratch series to top the men. Burl Henry, Pin Plasters, came through with a 217 scratch and 244 handicap game and Bob Martin, Nip and Tucks, a 631 handicap series.

The Pin Plasters took most team scoring honors with a 739 scratch and 882 handicap game and 2349 handicap series. The Toppers' 1789 scratch series was high of the night.

League standing follows:

Team	W	L
Toppers	19½	4½
Pin Plasters	17	7
Scrapers	16	8
Goofers	12	12
Nip and Tucks	11	13
Phantoms	8½	15½
Alley Cats	6	18
Cool Cats	6	18



APPOINTED ON the supervisory committee of the Y-12 Credit Union are, from left, C. E. Gillihan, A. M. Schrader and C. V. Ketron.



Will join car pool from Efficiency Apartments, Tennessee Ave., to North Portal, straight day. Charlotte Rose, plant phone 7-8611, home phone Oak Ridge 5-8110.

Will join or form car pool from vicinity of Michigan and New York Aves., on Outer Drive, to East Portal, straight day. Carl Jones, plant phone 7402, home phone Oak Ridge 5-8792.

Ride wanted from Norwood or Fountain City area to any portal, straight day. E. H. Bell, plant phone 7-8312, home phone Knoxville MY 1-5944.

Ride wanted or will join car pool from Lawton Road West Village, Oak Ridge to West Portal, straight day. Bill Watkins, plant phone 7-8434, home phone Oak Ridge 5-6676.

Ride wanted or will join car pool from East Faunce Lane and Florida Ave. to West or Central Portals, straight day. Lew Ellington, plant phone 7-8434, home phone Oak Ridge 5-0443.

Ride wanted from Tacora Hills, between Oak Ridge and Clinton, to Central Portal, straight day. Frances Boyd, plant phone 7-8577, home phone Clinton 1593-J.

Ride wanted or will join car pool from Clinton to West Por-

**Y-12ers With 15, 10 Years Company Service**

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

- 15 YEARS**  
Ferde Irwin, Research Services, February 8.  
Walter W. Rice, Special Testing, February 14.
- 10 YEARS**  
James G. McArthur, Reproduction, February 8.  
Will B. Davis, Guard Department, February 9.  
Eva M. Lowe, Product Processing, February 12.  
Sam N. Tadlock, Area Five Maintenance, February 12.  
Ezra C. Carroll, Product Processing, February 12.  
John E. Snyder, Project Engineering, February 12.  
William Warmley, Jr., Janitors, February 12.  
Thomas M. Akers, General Machine Shop, February 12.  
Sherman L. Ray, Guard Department, February 12.  
Rufe W. Sweeney, Industrial Engineering, February 12.  
Harry Baker, Area Five Maintenance, February 12.  
Johnnie C. Jordan, Jr., Production Inspection, February 12.  
Helen Y. Stone, Special Projects, February 12.  
Cecil A. Pickens, Research Services, February 12.  
Charles R. Coston, General Machine Shop, February 13.  
Charles R. Williams, Process Maintenance, February 13.  
Guy L. Tate, General Machine Shop, February 14.  
William L. Fairbanks, Sr., Sunflower Foundry, February 14.
- Seek and accept access only to classified information required for performance of your official job duties.
- tal, straight day. James L. Disney, plant phone 7796, home phone Clinton 1957.

