

## Y-12ers Swell Chest Gifts To \$5,813.35 To Maintain Fine Mark; Generosity And Cooperation Of All Employees Draws High Praise

Contributions by Y-12ers to the Oak Ridge Community Chest neared the \$6,000 mark last Friday with prospects bright that a final tally of results of the 1950 fund raising campaign is made this figure will be surpassed. Through the end of last week Y-12 folks had contributed \$5,813.35 to the Chest and more reports were expected to trickle in this week before the drive is completed. At the end of last week Y-12 still was the only major organization in Oak Ridge to have gone "over the top."

The \$5,813.35 raised through last week is 117 per cent of the quota of \$5,000 assigned the plant for this year's campaign. In 1949 the assigned quota was \$3,400 and approximately \$4,300 was raised,

the percentage being 126.8. The number of employees in Y-12 in 1950 was approximately 400 more than that of the preceding year.

Despite the addition of approximately 400 employees since 1949, the 1950 campaign for the Chest was completed in approximately the same time—slightly more than five working days.

The splendid record posted again this year by generous Y-12ers was highly praised by Y-12 Area Su-

perintendent W. D. Lavers, chairman of the plant committee coordinating the drive in the plant.

"Once again we're happy to be the first plant to exceed its Chest quota," he said. "It's very evident from the speed with which our employees contributed that they recognize the worth of the use Chest funds are put to."

The chairman also lauded the spirit of cooperation existing throughout the plant that brought speedy success to the campaign. Teamwork between plant committeemen, supervision and employees from one end of the plant to the other resulted in the plant being the first of major groups in Oak Ridge to report having met its 1950 quota. This mark was

reached Monday afternoon, October 30, when the sum of \$5,172 was turned over to Chest authorities.

Sometimes a summary of statistics makes dull reading, but the picture of Y-12 response can best be told through some figures. Of 2,108 employees on the payroll when the campaign was launched a total of 1,913 answered the Chest appeal for support of its Red Feather agencies. This is 91 per cent of the Y-12 plant personnel.

A total of 25 departments in the plant had 100 per cent of their employees contributing to the Chest campaign.

They included Janitors, General Maintenance Office, Salvage, Transportation, Safety, Plant Engineering, Research Engineering, Medical, Security, Training and Procedure, Laundry, Cafeteria, Health Physics and Hygiene, Employee Relations, Wage Standards, Manufacturing Office, Property Stores, Receiving and Shipping, Tool, Property Sales, Standby Plant Maintenance, Steam Plant, Maintenance Automotive Equipment and Fire Prevention and Control.

A number of others almost reached the 100 per cent contribution goal, as shown in the overall participation of 91 per cent of all Y-12ers. Plant committeemen expect that several of these would make the 100 per cent bracket when final returns are listed.

By establishing another fine record in 1950 Y-12ers are continuing the reputation exhibited in past years of never failing to recognize worthy appeals for aid from recognized agencies — and giving this recognition in the form of exceeded quotas in record time.

## Y-12 Emergency Plan Revision Being Studied

### Committee Planning To Make Procedures Meet New Conditions

A recently appointed Plant Protection Committee now is reviewing and revising the general emergency plan for Y-12 to make it applicable to current conditions. The group, appointed by Y-12 Area Superintendent W. D. Lavers, has been studying the present procedures covering emergencies in the plant with the objective of coordinating efforts throughout Y-12 to combat any emergency that might arise.

Members of the committee are T. A. McKenzie, Superintendent of Plant Protection, chairman; Roy M. James, secretary; N. H. MacKay, R. R. Tippy, L. H. Barker, G. C. Henderson, W. S. Herron, Nelson L. Tibbatts and a member of the Plant Shift Supervisors group. These supervisors are G. L. Underwood, D. G. Hill, N. H. Benninghoff, E. G. Richardson and L. F. Hemphill.

### All Problems Being Considered

The committee is endeavoring to thoroughly consider all general problems pertaining to potential emergencies arising from within or without the area that might affect the Y-12 plant and its personnel. These problems include the probable consequences of various types of emergencies and how they would affect operations and employees.

The committee recognizes that any emergency plan, to be effective, requires realistic test problems and drills to determine the adequacy of the procedures involved. Responsibility for the success of plans to combat emergencies will rest with line supervision in planning and training employees to meet any such problems. This will include anticipating potential emergencies, arranging to avoid them if possible and how to combat them.

### Will Coordinate Efforts

Some of the specific matters now being studied by the committee include a review of the emergency signaling system in Y-12 to determine its adequacy and a study to determine if employees assigned to combat emergency problems are sufficiently and properly identified. The group also is considering ways and means of coordinating Y-12 emergency efforts with those of other Carbide installations in Oak Ridge and the Oak Ridge city emergency plans.

Another step being taken by the committee is consideration of publishing a pocket size descriptive

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THESE MEMBERS OF THE Y-12 PLANT COMMITTEE COORDINATING THE COMMUNITY Chest drive in the plant were real symbols of service to the Chest and the city, working long and hard on the campaign. From left seated are Joe White, co-chairman of the committee; Walcott Watson, who is auditing late returns; Y-12 Area Superintendent W. D. Lavers, chairman of the group; and Nelson Tibbatts. In the rear are L. H. Barker, Paschal Hamrick, W. S. Herron, W. L. McNabb, L. A. Brown and Carl Roddy.

## Y-12 Personnel Units Consolidated By Move

The recent consolidation of the Wage Standards and Personnel Departments of Y-12 to work together in the Industrial Relations Division has been effected with the objective of giving more efficient personnel service both to the Company and various units in the plant.

The consolidation became effective November 1 with F. C. Lowry being appointed Personnel Superintendent.

### Grouped at North Portal

As a result of the consolidation move, offices of all personnel units have been grouped in the North Portal. Wage Standards, including WheelDEX, now is located in North Portal quarters, along with Employment, Employee Relations, Housing, Insurance, Personnel Records and other related groups.

Also moving to North Portal quarters is the Polygraph equipment, operated by W. E. Davis, which now is located next to the Badge and Pass Office. This step was taken to expedite personnel clearance for the plant.

### Plant Protection Moves

Now occupying rooms formerly used by Wage Standards in Bldg. 9704-2 are Plant Protection Office and the Safety Department. The telephone numbers for both of these groups have not been changed. The Plant Protection number is 7125 while the Safety Department can be reached over telephone number 7741.

## Distribution Of Credit Union Pass Books Set For November 20

Pass books for all members of the Y-12 Employees Credit Union will be ready for distribution November 20, it has been announced by Don Phillips, president of the organization. The books will be posted to include all transactions of members with the credit union through September of this year.

Distribution of the pass books will be handled by representatives of the credit union throughout the plant. Principal points of distribution will be the offices of the following representatives of the credit union:

W. S. Herron, Product Chemical, Bldg. 9706-1A; Paschal Hamrick, Industrial Relations, Bldg. 9701; Nelson Tibbatts, Engineering and Maintenance, Bldg. 9737; and W. K. Palmer, Manufacturing Office, Bldg. 9704-2.

These men will be assisted in distributing the books by Gordon Fielding, Bldg. 9737; Charles Greene, Bldg. 9201-3; J. E. Wilson, Bldg. 9709; W. A. Parks, Bldg. 9201-3; Pat Ridge, Bldg. 9203; R. S. Phillip, Bldg. 9212; W. F. Cameron, Bldg. 9206; V. C. Jackson, Bldg. 9981; Ward Foster, Bldg. 9733-1; Larry Parsons, Bldg. 9204-3; and James Keeton, Bldg. 9731.

The primary purpose of the pass book statements is to allow share holders or borrowers to audit their check stubs and receipts against the statement. Any discrepancy will be taken care of by the distribution representatives on application.

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## Two Y-12ers Will Appear On ACS Radio Broadcast

"Importance of Fluorine in Drinking Water" will be described by L. E. Burkhart, of the Y-12 Isotope Research and Production Division, in a talk on the weekly Headlines In Chemistry radio program Sunday night, November 12. The program sponsored by the East Tennessee Section of the American Chemical Society, will be aired over Oak Ridge Radio Station WATO at 9:15 p. m.

Robert McCutchen, of the Y-12 Analytical Chemistry Division, will be co-host on the program with Joseph Rusicka, of the Atomic Energy Commission.

Benefits accruing particularly to children in care of their teeth by using fluorine in drinking water will be stressed by Burkhart. He also will tell how the chemical can be added to drinking water and the advantages of using water treated in this manner over the fluoride treatment for dental trouble.

## Camera Club To Hold Slide Contest Tuesday

A competition on color slides and a talk on color photography will feature the monthly meeting of the Carbide Camera Club to be held next Tuesday night, November 14. The meeting will be held at 7:30 p. m. in the Camera Club headquarters in the Y-12 East Portal building.

### Architecture Is Subject

The subject of the slide competition will be architecture and a number of interesting views of buildings and structures is expected to be entered.

F. C. McCullough, an Oak Ridge National Laboratory engineer and ardent color photographer, will speak at the meeting next Tuesday. He will discuss "Advantages and Use of the 35 Millimeter Camera." He will demonstrate use of a 35 millimeter camera and exhibit some of his own color slides and black and white photographs at the meeting.

### Audience To Assist Judging

A new system of judging will be instituted at the meeting next Tuesday. Three judges will be appointed and the audience will be allowed to participate in the judging with a voice in picking the winners.

Officers of the club have announced that all members who won prizes in the salon meeting of the organization last month will be presented with the awards at the meeting next Tuesday.

## SAFETY SCOREBOARD

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Through November 5

# The Bulletin

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## Laboratories Hold Lead In Attendance

After being below two per cent for the preceding two weeks, the Y-12 absenteeism rate jumped over that figure for the week ending October 29 when 2.2 per cent of the plant personnel was absent. This is .4 per cent higher than the record for the week ending October 22, when 1.8 per cent of absenteeism was registered.

### Leaders Maintain Positions

The Assay Laboratory and the Analytical Laboratory, the first two departments in the Major League standings for the week ending October 22 retained their positions for the latest reporting period but with slightly higher marks. The Assay Laboratory reported .66 per cent of its employees absent while the Analytical Laboratory had an absentee mark of .72 per cent. The Stores department jumped from 10th place to second place and posted an absentee record of an even one per cent.

Only six departments, all in the Minor League, reported perfect attendance records for the week ending October 29, as against seven the preceding week. Only three of the departments reporting "all present" were repeaters from the previous week, they being Superintendents, Health Physics and Hygiene and Manufacturing Office. The other three departments in the first place tie were Transportation, Property Sales and Property. They advanced from third, 12th and 13th places.

### Second Place Position Held

Plant Engineering held its second place position in the Minor League and had an absentee record of only .5 per cent. In third place was the Cafeteria with .8 per cent of its personnel absent.

The plant-wide absentee record for the week ending October 29, by departments, follows:

MAJOR LEAGUE				
Dept.	Absent Percentage	More Than 50 Employees Scheduled		Standing
		10-29-50	10-22-50	
2283	0.66	1	1	2
2282	0.72	2	2	10
2142	1.0	3	3	5
2091	1.2	4	4	7
2015	1.7	5	5	8
2616	2.0	6	6	9
2014	2.4	7	7	6
2320	2.5	8	8	4
2619	2.7	9	9	3
2300	2.8	10	10	12
2077	2.9	11	11	13
2360	3.2	12	12	11
2003	3.3	13	13	

Group absentee percentage was 2.2 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE				
Dept.	Absent Percentage	15-49 Employees Scheduled		Standing
		10-29-50	10-22-50	
2200	0.0	1	1	1
2108	0.0	1	1	1
2133	0.0	1	1	3
2008	0.0	1	1	12
2145	0.0	1	1	13
2140	0.0	1	1	2
2060	0.5	2	2	1
2107	0.8	3	3	1
2143	1.0	4	4	1
2743	1.1	5	5	1
2046	1.2	6	6	1
2096	2.1	7	7	5
2270	2.7	8	8	11
2064	3.5	9	9	8
2005	4.3	10	10	9
2002	4.4	11	11	4
2739	4.6	12	12	10
2001	5.2	13	13	7
2090	5.9	14	14	14
2109	9.0	15	15	6

Group absentee percentage was 2.3 per cent, 1.7 per cent lower than the preceding week.

The plant average for the week ending October 29, was 2.2 per cent, .4 per cent higher than the preceding week.



**ALMOST ANYTHING CAN HAPPEN—AND GENERALLY DOES—AT Y-12 DIVISIONAL parties—as these pictures of the Halloween-Hillbilly party pitched at the Jaycee Hall October 28 by the Materials Chemistry Division folks plainly show. At top left—"What is a party without chow?" Frances Gilliam hands out hot dogs and mustard to, from left in line, Mrs. Forest Seeley and her husband, Mrs. Morrie Fortenberger and her husband, Mrs. Don Kuhn and her husband. At top right the hillbillies get into the act with a shotgun wedding. Standing from left are Keith Brown (with the family skeleton); Forrest Waldrop (just an interested spectator); Glen Clewett (the pop who wanted things done right by his Mary); Ward (Mary) Foster, blushing (?) bride; George Marrow, boasting bridegroom; and Mrs. Fred Hurst, bridesmaid. The preacher with back to camera is Fred Hurst and in the right foreground Al Ryon, unsuccessful suitor, drowns his sorrows and gets sympathy from Mrs. Keith Brown. At lower left are shown the party prize winners, Bill Ward and Mrs. Ward, winners of the door prize; and Claude Haws and Mary Haws, potato dance contest winners. How the Haws family executed the potato dance is shown at lower right, the object being to jitterbug without dropping the spud.**



It will be any day now. Don't let the balmy weather fool you a darn bit—Christmas is right around the corner so watch out for Rudolph, Jingle Bells and kindred ditties to monopolize the radio from now on. Consult your calendar for number of shopping days left. Incidentally there are going to be a pair of fine parties pitched for Y-12 grown-ups and youngsters by the Recreation Office so watch out for the time and place announcements.

Helen Saylor, of the Analytical Laboratory, spent a week's vacation at Virginia Beach and Norfolk, Va. . . . Roscoe Barringer is spending a week of vacation in Alabama . . . The department extends sympathy to Jincy Dingus at the death of her father in Dunganon, Va., on November 1. Daisy Ward and her husband spent the week end in Paragould, Ark., to be with his parents on their golden wedding anniversary.

Frances Haase, of the Medical Department, and her husband Bill, of the Health Physics and Hygiene Department, spent a recent week end in Chattanooga.

F. L. Daley, K. O. Johnson and Albert Clark, all in the Materials Chemistry Division, and their families drove over to Norris for a picnic outing on a recent Sunday . . . A. D. Ryon had his mother-in-law, Mrs. Anna Daywalt, as a recent week-end guest; and she attended the departmental Halloween party with the Ryons.

The folks down in the Electrical Maintenance Department wish B. M. Cox a speedy recovery from a recent appendectomy.

The General Maintenance Office extends get-well wishes to H. D. Duncan . . . The department

regrets losing J. H. Gooch who has left Y-12 to start into business on his own in Stanford, Ky., but wish him good luck in the venture.

The Chemical Department wishes Raymond Young a speedy recovery from an eye injury received on a recent hunting trip . . . Also get-well wishes are extended to D. W. Davis and Wayne McClellan, who are on the sick list.

The Tools Department extends get-well wishes to T. D. Doyle who is in Fort Sanders Hospital in Knoxville . . . The department welcomes J. S. Henley to the roster.

The Property Sales Department welcomes Samuel F. Thomas to the roster.

L. H. "Sky" Barker took off for Lexington, Ky., over the week end to watch the Kentucky Wildcats and Florida Gators take swipes at each other.

J. R. Bayless, of the Stores Department, is vacationing for two weeks in Georgia and Knoxville, Tenn.

H. J. Ballew, of the Guard Department, had his brother and his sister-in-law, Mr. and Mrs. Sam Ballew, from Youngstown, Ohio, as recent guests.

W. T. McBride, of the Assay Laboratory, spent a week of vacation in Mississippi . . . Olean Rutland spent the last week end in Cherokee, Ala. . . . Marcelle Ferguson is vacationing this week at her home in Iva, S. C. . . . Frantie Williams is on a week of vacation.

The Plant Engineering Department reports the R. "Early" Byrds, of Jersey Lane believe in getting to work on time (8 a.m.) by leaving home at 12:30 a.m. or is it a matter of not setting the clock properly?

V. H. Moore, of the Photograph-

ic Section, is spending a few days in Washington, D. C., Cincinnati, Ohio, and Kingsport, Tenn., while on a week of vacation. Before leaving he was urged to find out if that Cincinnati pig really is a good dancer.

Fred Thomas, of the Isotope Research Department, spent a week of vacation at home in Oak Ridge . . . Bill Burns spent a week's vacation at his home in Georgia and Oak Ridge . . . The department welcomes Kenneth Allen back after a short absence from work following a foot operation.

Long, lanky Clyde Clifton Carter—"Lefty" to all the many Y-12 baseball fans—called up at the Recreation Office last week to pick up his trophy awarded every member of the city championship Y-12 Cardinals. "Lefty" grinned with pleasure over the award—but with somewhat of a puzzled expression.

"I wonder why some guy don't start a factory to manufacture trophies for left-handed folks," he mused as he loped through the door.

Maybe he's got something there.

## Notre Dame Professor To Talk At Physics Seminar Meeting

Prof. Eugene Guth, of the University of Notre Dame, will be guest speaker at the weekly meeting of the Oak Ridge Physics Seminar Friday afternoon, November 10. The meeting will be held at 4 p. m. in the East Lounge of the Ridge Recreation Hall.

Professor Guth will speak on "Electro-Disintegration of Nuclei." Any Y-12ers interested in the topic are invited to attend the seminar session.

A dollar won't do as much as it once did. But maybe that's because we don't do as much for a dollar as we once did.

## ACS To Name Officers At Meeting Thursday

All Y-12 members of the East Tennessee Section of the American Chemical Society are urged to attend the November meeting of the organization, to be held tomorrow night, Thursday, November 9, in Knoxville. The annual election of officers will be the principal item of business and an address will be made by Dr. Al-soph H. Corwin, professor of chemistry at Johns Hopkins University.

A dinner will be held at 6:30 p. m. at Brown's Cafeteria on South Gay St., in honor of Dr. Corwin with the business meeting scheduled for 8 p. m. at Dabney Hall of the University of Tennessee.

### Two Y-12ers Are Nominated

Two Y-12ers are among the nominees for official posts for next year. They are L. J. Brady, of the Analytical Chemistry Division, named by the section nominating committee as candidate for treasurer; and H. P. House, of the same division, as candidate for council. Further nominations will be in order from the floor at the meeting.

Other nominees selected by the committee who will be voted on at the meeting Thursday night are Myron Kelley, of Oak Ridge National Laboratory, and R. H. Lafferty, of K-25, for chairman-elect; J. D. Gibson, K-25, and Wendell Webber, of the University of Tennessee, secretary; S. A. Reed, Fairchild Airplane and Engine Co., and formerly of Y-12, treasurer; H. A. Bernhardt, K-25, V. P. Calkins, of Fairchild and also a former Y-12er, and L. H. Rogers, K-25, members of the council; and G. E. Boyd, ORNL, and W. M. Whaley, University of Tennessee, members of the executive committee.

Dr. Bernhardt is present chairman of the section.

### Speaker Graduated From Marietta

Dr. Corwin graduated from Marietta College in Ohio and received his Ph.D. degree from Harvard University in 1932. Since then he has been connected with Johns Hopkins. His topic for the Thursday night meeting will be "Electro-Organic Reductions at Constant Cathode Potentials." He will point out how this technique has just become a practical laboratory method for the organic chemist as a result of recent improvements in instrumentation.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Beecher M. Cox, Electrical Maintenance; Wayne R. McClellan, Raymond H. Young and Dennis W. Davis, Chemical; Roger V. Neidigh and Lewis Childs, Electromagnetic Research; and Frank Knox, Isotope Research and Production.

# Y-12 SPORTS NEWS

6-2021



THOSE WOES (WIVES OF EMPLOYEES) ARE SPREADING woe in the ranks of the other teams on the Y-12 Women's Plant League of bowlers this season, currently holding first place in the loop. From left are Dot Park, Lora Mason, Mable Moody, Ann Matlock and Dee Holland.

## Strikers And Isotopes Victors In D League

The Strikers bowling team resumed their winning ways in the D League last week with a three point victory over the Pick Ups but the second place Isotopes duplicated the feat by downing the Old Men to keep pace with the leaders in the plant pin loop. The Splinters whittled four points from the Angstroms for the only whitewash victory of the alley activities and the Toppers topped the Cermets for three in the other engagement.

Bridegroom Fred Kappelmann had the best single game scores of the night, a 204 scratch and 233 handicap tilt. Frank Gragg came through with a 533 scratch series and Russ Allstun posted a 653 handicap series. Kappelmann and Gragg roll for the Strikers while Allstun bowls with the Toppers.

In team scoring it was the Strikers all the way. They notched a 898 scratch game, boosted to 1,037 with handicap and went on to post a 2,525 scratch and 2,942 handicap series.

League standing follows:

Team	W	L	Team	W	L
Strikers	30	6	Cermets	16	20
Isotopes	23	13	Toppers	16	20
Old Men	20	13	Pick Ups	11	25
Splinters	19	17	Angstroms	9	27

## Chemical Engineers To Name Officers, Hear Official Talk

The Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers will elect officers and hear a talk by the national vice president of the institute at 8 o'clock next Tuesday night, November 14. The business meeting will be held in Room 324, Perkins Hall, University of Tennessee. It will be preceded by a dinner at the S. & W. Cafeteria in Knoxville at 6:30 o'clock.

The speaker will be T. H. Chilton, an official of the duPont Company. His topic will be "Units—Scientific and Technical."

Officers to be chosen include a chairman-elect, secretary, assistant secretary, treasurer and two directors.

The alleged "blessings" of poverty exist only in the imagination of those who have never been "blessed" that way.

## Don Ross Hops Hobbies To Get Players' Pictures And Autographs For Collection

Don Ross, of the Y-12 Health Physics and Hygiene Department, has two pet hobbies—amateur photography and baseball. During the past summer he combined the two to come up with a unique and enviable collection of pictures taken by himself and autographed by a galaxy of big league stars.

### One Published In Bulletin

Don and Mrs. Ross vacationed last spring in Florida during the training season for a number of major league teams. Ross unlimbered his trusty camera for a flock of good candid camera and action shots. One of these—showing a game at St. Petersburg between the Boston Braves and the St. Louis Cardinals, was published in The Bulletin. It showed Stan Musial at bat with Johnny Sain pitching, Bob Elliott at third, Cid (that's correct) Gordon in left field and Buddy Kerr at stop.

After printing his photos of the big leaguers Don spent most of the summer sending prints of the pictures to the players and toward the end of the season his efforts started getting results. Some of the players were on different teams that were far apart during most of the playing season but Don apparently was a persuasive chap as the diamonders, after attaching their autographs, forwarded the pictures to others in the pictures.

### Ball Players Are People

So Don now has not only a good collection of pictures that would do credit to any sports news photographer but also has the autographs—demonstrating not only that ball players are people who want to oblige but also (sometimes disputed in some quarters) that they can sign their own names.

Included in Ross' autograph list include the players cited previously in the St. Petersburg game and Allie Reynolds, Yankee pitcher; Hank Bauer, Yank outfielder; Tommy Byrne, Yank southpaw pitcher; Dick Kryhoski, Detroit first baseman; Vern Stephens, Boston Red Sox shortstop; Al Zarilla, Boston Red Sox outfielder; and Sam Jethroe, Boston Braves outfielder.

## Wolves Top B Loop With Whitewash Win

That triple tie that existed in the B League prior to last Thursday night's bowling was completely broken by the plant keglers that night as the Wolves forged out in front with a four point whitewash victory over the All Stars. The win put the Wolves a single game in front of the Rippers, who took three from the Tigers. The All Stars, one of the top teams of the preceding week, dropped to a three way tie for fourth place in the red hot race.

The Cubs, who had led the loop for most of the season and in the three way tie up to last Thursday, fell to third place in the league as they were handed a three point defeat by the Bumpers. In other battles Maintenance and the Wasps each turned in whitewash wins over the Head Pins and One-91 respectively and the Bums bumped the Comets for three.

Elmer Green, rolling for the Bumpers, tied the season's high mark for a single scratch game with a 235 and his 266 handicap was tops for the loop to date. After rolling his fine 235 game, Green unexpectedly turned in a skinny 123 tilt. Ernie Cobble, of the Wolves, had a 576 scratch series for best of the night and Nelson Tibbatts, of the Rippers, led the bunch with a 657 handicap series.

In team scoring it was the Rippers all the way with the season's high figures in every bracket. They had a 970 scratch game, 1,115 handicap game, 2,623 scratch series and 3,058 handicap series.

League standing follows:

Team	W	L	Team	W	L
Wolves	25	11	Comets	20	16
Rippers	23	13	Bumpers	16	20
Cubs	22	14	Bums	13	23
All Stars	21	15	Head Pins	12	24
Maintenance	21	15	Tigers	12	24
Wasps	21	15	One-91	10	26

'Tis easier to rise with the lark than after one.

## Hooks Blank Guards To Close On Orphans

The Hooks bowling team of the C League of plant keglers whittled the lead of the Orphans in the circuit last Wednesday night by whitewashing the Guards for four points while the loop leaders could only win three from the Short Circuits. However, the Orphans have a comfortable five point margin over the second place team.

In other alley activities of the night the Moles walloped the Thin Pins for four points and the last place Hornets stung the Hurricanes by the same score.

Joe Dunlap, of the Orphans, had the best scratch scores of the night, posting a 222 single game and 542 series. Forest Seeley, rolling for the Moles, topped the handicap scorers of the night with a 253 game and 645 series.

In team scoring the Orphans walked away with all honors. They had a 917 scratch game, boosted to 1,078 with handicap, and then went on to roll a 2,443 scratch and 2,926 handicap series.

League standing follows:

Team	W	L	Team	W	L
Orphans	27	9	Hurricanes	18	18
Hooks	22	14	Thin Pins	16	20
Short Circuits	19	17	Guards	12	24
Moles	19	17	Hornets	11	25

## Mary Ballard Posts Season Highs; Woes Retain Loop Lead

Mary Ballard, rolling for the Cracker Jax team in the W League, last week posted seasonal high scores in the women's plant bowling loop as her mates took three games from the lowly Striketettes. The Woes held their league lead by whitewashing the Controllers for three games, the Hi Balls downed the Kemps for two out of three and the Dodgers defeated the Racquetees by the same margin. The victory sent the Cracker Jax from fourth place to a tie for second with the Kemps.

Miss Ballard rocked the alleys for a 200 scratch single game, which became a 245 with handicap. Her scratch series score was 523 and handicap series was 658.

The Cracker Jax and Dodgers shared team scoring honors for the night. The Dodgers had the best scratch record with a 708 game and 1,949 series. The Cracker Jax posted a 1,007 handicap game and 2,795 handicap series.

League standing follows:

Team	W	L	Team	W	L
Woes	19	8	Hi Balls	13	14
Kemps	16	11	Dodgers	12	15
Cracker Jax	16	11	Racquetees	11	16
Controllers	14	13	Striketettes	7	20

## Sherrod Posts 581 Series As Y-12ers Hobble Hoskins

Walt Sherrod fired a blistering 226 game to couple with a previous 177 and 178 to top the Y-12 varsity keglers with a 581 series in their October 30 victory over the Hoskins Drug Store pinmen. The Y-12ers lost the first tilt by 857 to 793 but rallied to turn in victories by 943 to 793 and 899 to 840 and wind up with a 2,626 to 2,490 margin over the druggists.

Nelson Tibbatts followed Sherrod in the scoring column for Y-12 with 158, 182, 167—507; then came Ernie Cobble with 150, 204, 134—488; and Elmore Koons 137, 166, 183—486. Frank Gragg rolled only two games and posted 204 and 189 while Conrad Roberts posted the other game of 171 for the victors.

Some gals think the latest swim suits are immodest. The others have good figures.



CHAMPIONS AND RUNNERS-UP IN THE Y-12 PLANT-WIDE GOLF TOURNAMENT ARE shown above with trophies awarded by the Recreation Office. In front are the cheery champs, Bill Reynolds, plant titlist and winner of the championship flight; Ward Foster, first flight; Elmer Olson, second flight and George Nettle, third flight. The unsmiling runners-up behind are John Shugart, championship flight; Fuzz Harris, first; and Harvey Keese, second. Bill Morgan, runner-up in the third flight, was unable to be present when picture was made.

## Prospects Seen Bright For Y-12 Cage Teams

Good size squads of both men and women basketball players have been turning out for practice sessions of the Cardinal and Robin teams to represent Y-12 on the hardwood this season and in the workouts some excellent material has been uncovered. With definite plans for Oak Ridge and outside competition for the Y-12 teams expected to develop within the next few days, prospects for good teams are declared bright.

The next drills for the squads will be held at 7:30 o'clock tonight, Wednesday, November 8, in the new gymnasium of the Jefferson Junior High School. After this workout another practice session has been set for 6 o'clock next Tuesday night, November 14, with the men working out at the new Jefferson gymnasium and the women in the old gymnasium at the junior high school.

Meanwhile, the Recreation Office is looking around for some more teams to play in a plant league, which it is hoped to revive this season. So far interest has been evinced by only three groups and at least four, or preferably six, teams are needed to form a league. However, even if a plant league is not formed, action in some form is assured all cagers in the plant who want to play this season and who may fall short of the varsity squads.

## Y-12 Women Varsity Bowlers Score Well In Pin Triumph

All of the Y-12 feminine varsity bowlers posted good scores as the team kept up its two out of three victory pace in the Oak Ridge City League last Thursday night. The victims this time were the Oak Ridge Hospital and the win gave Y-12 undisputed possession of third place in the league, just two games behind Norris Creamery and four behind Reeder's in first place. The Y-12 lassies dropped the second game of the match last week but won the other two and floored 2,139 pins to 2,074 for the opposition.

Oradean Upchurch led the winners in individual scoring with 175, 129, 153—457; followed by Ruth Law 156, 126, 156—438; Juanita Reed 154, 150, 124—428; Olyne Kappelmann 123, 114, 172—409; and Katie Williams 144, 137, 126—407.

### NUCLEAR POWER PROBED

The Manchester (England) Guardian quotes Sir John Cockcroft, director of Britain's atomic energy establishment at Harwell, as saying that British scientists now are working on "degrees of feasibility" regarding development of nuclear energy as a source of industrial power.

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# Security Rules Designed To Thwart Efforts Of Spies To Get Vital Atomic Energy Data

There are a lot of phases and facts in the work of the Atomic Energy Commission, including parts of the program carried out in Y-12, that certain foreign nations would give their eye teeth to obtain. No one need be fooled about that matter—and also that such nations have a lot of spies and other agents constantly endeavoring to find out the secrets jealously guarded by the United States.

Since the dawn of history men, tribes and nations have been interested in learning the secrets of their rivals. So it can be seen that spying is nothing new—but it has developed into a cold, calculated activity; not limited to just peeking from behind trees.

It is to thwart these spies that the Atomic Energy Commission has set up its security program—observed in Y-12 and throughout agencies operated by the AEC. Every employee in Y-12 should have the security "know how" of



every employee should have a personal and individual concern about spies.

Spies never are satisfied with just a little information, although at times just a hint here and there can be patched together to form a more or less complete picture of what they seek. They always want more and more data and systematically explore every possible source, including employees of plants involved in AEC work.

Successful spies must "blend in" with their surroundings. Generally they are so ordinary in appearance that they seldom are given a second look—which is a good reason for constant alertness on the part of every Y-12er.

Precaution against mishandling all restricted data is just a part of the security program of the plant designed to shield prescribed secrets from unauthorized persons—so observance of all security rules and regulations is a solemn duty of everyone.

his or her particular job and not hesitate to ask supervisors about security problems.

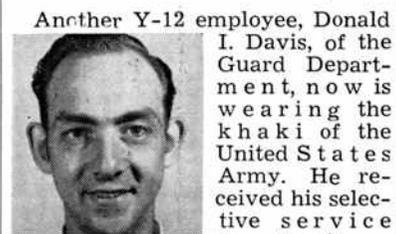
The Y-12 Security Office in Room 5, Bldg. 9704-2, telephone 7125, also will gladly furnish any desired information.

It is just good common sense to reason that the importance of the AEC program makes it a logical and natural target for spies representing foreign nations. It is equally good sense to realize, since Y-12 is a part of the AEC program,



**WHILE Y-12 FATHERS ARE BUSY WITH PLANT ACTIVITIES, their wives are kept busy with the care of children, including their education. Above a group of Y-12 wives and mothers are shown preparing their kindergarten class youngsters for a trip to the Oliver Springs airport to see the flying machines one day last week. In the back row are Mrs. Floyd Hyatt with son Bobby, Mrs. Howard Finger and son Michael and Mary Anna Williams, standing next to Mrs. Stanley Mairbourne and her daughter Pamela, Mrs. Elmer Green and son Wayne. In front, from left, are Mrs. L. R. Bailey with daughter Patricia and Brenda Rose Morehead, Mrs. C. A. Walton and daughter Brenda Sue, Mrs. F. F. Lay and son Floyd Jr. There are about 50 children in the class and on the trip to the airport 33 mothers and two fathers accompanied the group. Mrs. Flora Crabtree is teacher of the class.**

## Guard Department Employee In Y-12 In Armed Forces



**D. I. Davis**

Another Y-12 employee, Donald I. Davis, of the Guard Department, now is wearing the khaki of the United States Army. He received his selective service "greetings" several days ago and after having passed the mental and physical tests, now is on duty with United States Army forces in a Virginia encampment.

A native of Knoxville, Davis is 20 years old and single. His listed residence is 704 Johnson St., Knoxville, and he graduated in 1946 from Knoxville High School. He came to work in Y-12 on July 24 of this year.

After receiving his draft notice Davis was given his pre-induction examination at Fort Knox and immediately entered the service there.

## Cloak Of Secrecy Not Only Limited To Atomic Matters

More scientific discoveries become military secrets than many persons realize, it is pointed out in the September issue of Science Digest.

The magazine says that the cloak of official secrecy requiring close observance of security regulations usually is presumed to refer to atomic weapons, guided missiles and similar military developments. Actually, it shrouds much more. Secrecy may be encountered anywhere—in radar, aviation, radio, weather forecasting and mathematics (The new "Theory of Games" is said to have profound military applications.)

With so much secrecy, the magazine says, it is heartening to know that during the coming year the public may expect some revelation by the government of new atomic secrets comparable to those made in the original Smyth report. The new report is said to now be under consideration by the Atomic Energy Commission and the Congressional Joint Committee on Atomic Energy, according to the New York Times. The report may contain information enabling schools and industry to build low-power reactors ("baby" atomic plants) for training nuclear engineers.

## Y-12ers Active In USAF Reserve Units Designed To Fit Needs Of AEC, Contractors

Five Y-12ers now are in the two units operating in Oak Ridge under the reserve training program of the Special Weapons Command of the United States Air Force and more are urged to join the groups. The program has been designed especially to fit the needs of personnel employed by the Atomic Energy Commission and its contractors and all training, with the exception of active duty, is done at AEC locations.

The two units in Oak Ridge are the 4933rd Provisional Group and the 8752nd Radiological Defense Squadron. Y-12ers in the former unit are W. K. Prater and W. T. Ward, of the Isotope Research and Production Division; and Paul H. Sawyer and Robert Slusher, of Plant Engineering. C. D. Hatfield, of the Electromagnetic Research Division, is a member of the latter outfit. All hold USAF reserve commissions.

### Number Of Vacancies Exist

The purpose of the special Weapons Command program is to maintain within the Air Force mobilization potential, a group of reservists possessing knowledge and experience in scientific, technical and administrative fields connected with the atomic energy program. There are a number of vacancies in both the Oak Ridge units that commanders wish to fill with qualified men.

Y-12ers or others interested in joining either of the groups are urged to communicate with Maj. L. H. Rogers, telephone 8376; or Capt. M. F. Jones, telephone 4383; for specific information on types of positions in which vacancies exist.

### Training Is Given

The 4933rd Provisional Group will receive two weeks of active duty each year with the Special Weapons Command, headquarters of which are at the Kirtland Air Force Base at Albuquerque, N. M. The 8752nd Radiological Defense Squadron started its inactive duty training program October 18 and squadron members are being instructed to function as field monitoring teams. Officers of the squadron have received additional training at the Radiological Defense School, Kessler Air Force Base, Biloxi, Miss.

The Provisional Group meets at 7:30 o'clock every Wednesday night in the ORC Armory at Elza Gate. All Air Force reservists are invited to attend.

### HOSPITAL BEGUN

Chicago papers have reported that ground has been broken for the Argonne Cancer Research Hospital in that city. It is being financed by the Atomic Energy Commission at a cost of about \$3,500,000 and is being built on the campus of the University of Chicago.

## Y-12 Emergency Plan Is Being Revised

*Continued from Page 1*  
booklet to promote consciousness of all employees in emergency problems affecting the plant. The proposed booklet would outline how general emergencies in the plant should be met and enlist the cooperation of all Y-12ers in carrying out provisions of the emergency plan.

### Versatile Plan Needed

The Plant Protection Committee will lend all possible assistance to all departments and divisions in developing a dynamic and versatile plan that will provide maximum protection to everyone in Y-12 in case of emergency. However, it is pointed out, that department and divisional superintendents should arrange for continuous evaluation of hazards and corrections as well as the training of personnel in their areas of operation in order to insure efficient operation of the plan.

## Y-12ers Shocked To Hear Of Death Of Mrs. Zehner

The many Y-12 friends of Daniel V. Zehner, carpenter foreman in the Buildings and Grounds Department, were shocked to hear Monday morning of the death of Mrs. Zehner in an automobile crash near Scottsboro, Ala. Mrs. Zehner suffered a fractured skull when the automobile driven by her husband collided with a tractor. He was uninjured in the crash.

Zehner is well known to many Y-12ers, having worked here since August 19, 1943.

The Zehners were returning to Oak Ridge from Hot Springs, Ark., where they had been vacationing, and had stopped at Scottsboro to visit relatives.

### PHOENIX PROJECT PROGRESS

Recent press reports quote Marvin L. Niehaus, vice president of the University of Michigan, as reporting that the Michigan Memorial Phoenix Project to finance all scientific research searching for constructive application of atomic energy is going full speed ahead.

## Stable Isotopes Produced In Y-12 Are Sent To Nine Institutions In Month Of October

The Isotope Research and Production Division of Y-12 dispatched 28 samples of stable isotopes to nine different institutions during the month of October, according to the monthly report of the division. The shipments totaled 20,212 milligrams, ranging from five to 5,006 milligrams.

The Oak Ridge National Laboratory was the principal recipient of the Y-12 shipments, ORNL obtaining 16 consignments during October. The Brookhaven National Laboratory got three, Argonne National Laboratory two, University of Illinois two, University of Michigan, University of Indiana, Columbia University, Radiation Laboratory of the University of California and the University of Chicago one each.

### ORNL Shipments Listed

Stable isotopes sent to ORNL were 2,002 milligrams of Titanium 50, 75 mgs. of Cerium 136, 2,001 mgs. of Titanium 49, 250 mgs. of Tungsten 182, 300 mgs. of Tungsten 183, 1,485 mgs. of Calcium 40, 200 mgs. of Zinc 70, 101 mgs. of Cerium 138, 5,006 mgs. of Cerium 140, 867 mgs. of Cerium 142, 2,001 mgs. of Titanium 46, 2,002 mgs. of Titanium 47, 1,205 mgs. of Potassium 41, 1,122 mgs. of Potassium 39, 100 mgs. of Neodymium 148 and 101 mgs. of Neodymium 150.

The Brookhaven National Laboratory was sent 58 mgs. of Iron 58, 19 mgs. of Mercury 196 and 54 mgs. of Mercury 198. To the Argonne National Laboratory went 25 mgs. of Tellurium and 50 mgs. of Gallium 69.

### Universities Are Supplied

The University of Illinois received 10 mgs. of Tin 114 and five mgs. of Tin 112. A shipment of 25 mgs. of Tellurium went to the University of Michigan and

## Credit Union Pass Books Out Nov. 20

*Continued from Page 1*  
cation of the member.

Members of the credit union will be instructed to hold their pass books and return them in January to the distribution points or representatives previously listed. On or about January 22 the books will be picked up and balances for October, November and December posted. When these entries are completed the books will be returned to the members through the same channels.

Efforts now are being made by officers of the credit union to establish a Merchants Cash Discount Plan in Oak Ridge. If the arrangements are completed any member of the credit union desiring to buy large home appliances or furniture may obtain a cash discount by identifying themselves through presenting a pass book to merchants in accord with the plan. This plan has been in successful operation elsewhere, President Phillips has stated.

97 mgs. of Molybdenum went to the University of Indiana.

Columbia University got 1,000 mgs. of Tellurium 124, the Radiation Laboratory of the University of California 41 mgs. of Samarium 148 and the University of Chicago 25 mgs. of Tin 112.

The stable isotopes produced in Y-12 facilities are widely used in varied types of scientific research in laboratories throughout the country.