

## Holiday And Many Blessings Mark 1950 Thanksgiving Observance For Y-12ers



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None of the approximately 2,000 Americans now employed in Y-12 need to be told of how much they have to be thankful for as Thanksgiving Day, 1950, is observed on Thursday of this week. A look around the strife-torn world is all that is necessary to bring this fact home—and the blessings which make each day spent by an American something to be anticipated rather than dreaded are a reminder of the good things offered everyone in our way of life.

Of course, Thursday will be a holiday for practically all Y-12ers. It is one of the six regularly recognized holidays by the Company and no employees will be required to work on this day except for those whose presence at work is necessary to assure the continuous operation and protection of the plant, such as the skeleton forces which are required to work on Saturdays and Sundays.

As a pre-holiday treat the Y-12 cafeteria will serve its annual Thanksgiving dinner, featuring turkey with all the trimmings and fixings. The meal

will start off with chicken noodle soup or a choice of fruit juices, then will come the turkey—or roast beef for those who prefer it, a choice of two vegetables, a salad, desert, drink and rolls. The entire meal may be obtained for 90 cents or individual items can be bought at listed prices. Service will begin at 10:30 a. m. and continue until 2 p. m. Cafeteria Supt. George J. McNamee is anticipating a capacity crowd and has made arrangements to expedite service to the many Y-12ers expected to take advantage of the feast.

Some Y-12ers who have relatives living within a few hours travel time have made plans to observe the holiday with home folks while most will enjoy Thanksgiving at home. For those who travel by automobile it is urged that all highway safety rules and traffic regulations be carefully observed so that the party can return safe and sound—and thankful.

Weather conditions permitting, outdoor sportsmen are expected to throng the fishing and hunting fields during the holiday. The

state game commission has moved up the opening of the hunting season for rabbit, quail and grouse from November 25 to November 23 to permit hunting on Thanksgiving Day and the action is expected to result in many Nimrods taking to the fields.

The Community Thanksgiving services to be held at the Chapel-On-The-Hill from 10 a. m. to 11 a. m. Thursday are expected to attract many Y-12 church goers. The services are being sponsored by the Oak Ridge Ministerial Alliance and the Rev. T. M. Megar, pastor of the Glenwood Baptist Church, will be the speaker. The Rev. Frank Porter, pastor of the First Methodist Church, will preside at the services and the high school chorus will provide music. Members of all faiths are invited to the services.

All these American privileges—holidays, unrestricted worship, free travel and recreation—are but a few of the freedoms for which everyone should give devout thanks; remembering the hardships of the pioneers that prompted observance of the first Thanksgiving in 1621 by the Pilgrims at Plymouth.

## Award Selection Cards Out; Quick Return Is Urged

### Y-12ers Have Seven Choices For Setting Excellent Safety Mark

Distribution of selection cards to eligible Y-12 employees on which they will indicate their choice of their third round of individual safety awards began last Thursday and was expected to be well underway by the end of this week. The cards are being sent to divisional heads by representatives of the Safety Department and plant supervision will see that every eligible Y-12er receives one of the cards.

#### Awards To Be Displayed

The seven articles from which one award is to be selected will be displayed in various locations throughout the plant to give all Y-12ers an opportunity to see them at first hand. All employees eligible for the awards are asked to make a first and second choice.

All persons now on the payroll, except those employed since June 28, 1950, and everyone on the payroll before January 19, 1950, and terminated after May 31, 1950, are eligible to receive an award. Every effort will be made to send an award to persons eligible to receive one but who are not now on the payroll.

#### Quick Return Is Urged

A speedy return of the selection cards, properly marked with the first and second choice, will enable the Safety Department to place orders for the chosen article just that much quicker. For this reason Y-12ers are urged to make up their minds on their award choices as soon as possible.

The seven articles from which  
Continued on Page 4



Y-12 Photo By Vince Moore

Y-12 CAFETERIA EMPLOYEES VIEW ARTICLES FROM WHICH TO PICK THEIR SAFETY awards last week. Cafeteria Supt. George McNamee is at the table filling out a card for Evelyn Tucker. From McNamee's left around the table are Tommy Goss, James Davis, Head Chef Jesse Durrett, Simon Myers, Edna Campbell, Nancy Gassaway and Willie Braden. From left in rear are Lee Bagwell, of the Safety Department; Ed Frye, David Treece, John Webber, Irene Bryant, Wilhelmina McClatchey, Irene McCrosky, Frankie Cross, Verna Fields, Wynette Patterson, Jamie Goodman, Freda Hall, Bessie Roberts, Madeline Tackett and William Monroe.

## Camera Club To Name Officers In December

The Carbide Camera Club, composed of members from all of the Company units in Oak Ridge, will hold its annual election of officers at its next meeting on Tuesday night, December 12. Nat Stetson, of Y-12, president of the group, has appointed a nominating committee of representatives from the three facilities to submit a slate of officers for the coming year.

The committee is composed of Don Ross, of Y-12; Nelson Van Wie, of K-25; and Ken Jamieson, of Oak Ridge National Laboratory. In addition to the slate submitted by the nominating committee, nominations will be taken from the floor.

A talk on "Toning of Prints," by Douglas Walters, of the NEPA Division of Fairchild Engine and Airplane Corp., and a color slide contest on the subject of fall landscapes also will be held.

#### ORNL Man Wins Contest

At the November meeting of the club, held November 14, a color slide contest on the subject of architecture was held with Jamieson taking first place, S. A. Hluchan, also of ORNL, second; and third and fourth places going to Herman Dickerson, of Y-12.

## Former Y-12er Helps Plan New Reactor At N.C. State

### Dr. Raymond L. Murray Aids In Designing First Privately-Owned 'Water Boiler' Pile

A well-known former Y-12er, Dr. Raymond L. Murray, now a professor of physics at North Carolina State College, has been assisting in the development of plans for the first nuclear reactor in the United States not owned and operated by the Atomic Energy Commission, it has been announced by the AEC.

The AEC has approved construction of the reactor, or pile, at North Carolina State College and will lend the institution nuclear fuel for the project. The reactor will be housed in a laboratory building to be constructed on the Raleigh campus of North Carolina State College and will cost approximately \$100,000. The money will be furnished from a \$200,000 fund provided by the Burlington Mills Foundation.

#### Dr. Beck Directed Operations

The design and operating studies for the reactor were made by Dr. Murray and other scientists at the institution under direction of Dr. Clifford K. Beck, chairman of the physics department of North Carolina State College and former director of the research division of K-25.

Dr. Murray left Y-12 late in  
Continued on Page 4



Dr. Raymond L. Murray

## Dates of Y-12 Christmas Parties Set

Plans were rapidly nearing completion in the Y-12 Recreation Office last week for the outstanding events of the year for both Y-12ers and their youngsters—particularly the latter.

Those are the annual Christmas parties. This year the Santa Claus visitation for children of Y-12 parents will be held at 10:30 a. m., Tuesday, December 19, at the Grove Theater. The Christmas dance-party for grown-ups will be held at 9 p. m., Friday, December 8, at the Oak Terrace.

As usual, Santa will be loaded with gifts for all the youngsters attending the party at the Grove Theater. Toys, fruit, and candy will be stuffed in stockings for the youngsters and Old Kris Kringle in person will deliver the presents. A program of movie cartoons also will be shown.

Beginning next week, Wednesday, November 29, and for the following two weeks, The Bulletin will publish an application to be filled in by Y-12ers desiring tickets for their youngsters. It is urged that these blanks be filled in as soon as possible so that tickets can be distributed early.

## SAFETY SCOREBOARD

Your Plant Has Operated  
59 Days  
Without A Lost Time Accident  
Through November 19

# The Bulletin

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Y-12 Employees Of  
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## Seven Departments Report 'All Present'

Seven Y-12 departments reported perfect attendance records for the week ending November 12, an increase of four from the previous week. All of these groups were in the Minor League.

The absentee record for the entire plant took a jump of .4 per cent for the week ending November 12, being 2.6 per cent.

### Only Two Departments Repeat

Of the "all present" departments for the latest reporting period only two were repeaters from the preceding week. They were Property and Receiving and Shipping.

The other five departments advancing were Transportation, Manufacturing Office, Research Engineering, Cafeteria and Laundry. They rose from second, third, seventh, eighth and 11th places held during the week ending November 5.

Second place in the Minor League for the week ending November 12 was held by Plant Engineering, in sixth place the previous week. Plant Engineering reported .4 per cent of its personnel absent. In third place was Employee Relations with an absentee mark of an even one per cent and which was in 13th place the preceding week.

### Two Departments Step Up

The second and third place departments in the Major League for the week ending November 5 each stepped up one notch in the standings the following week. Stores took over first place with an absentee mark of .7 per cent and the Assay Laboratory climbed to second and reported 1.6 per cent of its employees absent. The Chemical Department advanced from eighth place to third and had an absentee mark of 2.57 per cent.

The plant-wide absentee record for the week ending November 12, by departments, follows:

MAJOR LEAGUE			
Dept.	Absent Percentage	11-12-50	11-5-50
2142	0.7	1	2
2283	1.6	2	3
2616	2.57	3	8
2015	2.58	4	1
2282	2.62	5	10
2091	2.7	6	4
2077	2.9	7	9
2003	3.2	8	7
2014	3.3	9	5
2619	4.1	10	6

Group absentee percentages was 2.8 per cent, .5 per cent higher than the preceding week.

MINOR LEAGUE			
Dept.	Absent Percentage	11-12-50	11-5-50
2140	0.0	1	1
2143	0.0	1	1
2008	0.0	1	2
2133	0.0	1	3
2064	0.0	1	7
2107	0.0	1	8
2096	0.0	1	11
2060	0.4	2	6
2109	1.0	3	13
2743	2.2	4	4
2145	2.3	5	5
2001	3.0	6	10
2108	3.3	7	1
2200	3.50	8	1
2739	3.51	9	9
2046	3.52	10	7
2002	4.8	11	14
2005	5.9	12	12
2090	6.25	13	15
2018	6.28	14	.....

Group absentee percentage was 2.4 per cent, .3 per cent higher than the preceding week.

The plant average for the week ending November 12 was 2.6 per cent, .4 per cent higher than the preceding week.

A man often supposes that he proposes.

## Dr. S. C. Lind To Talk On Headlines Program

Dr. S. C. Lind, consultant for Carbide units in Oak Ridge and former president of the American Chemical Society, will be featured on the Headlines In Chemistry radio program to be given Sunday night, November 26, over Oak Ridge Station WATO. The broadcast is from 9:15 p. m. to 9:30 p. m.

Dr. Lind will be interviewed by C. D. W. Thornton, of the Atomic Energy Commission. The subject of the interview will be "Radiation Effects—A New Challenge to Chemists."

The featured speaker, declared to have studied the subject longer than any living man, will tell of early studies and the change brought about in the body systems by radiation. He also will describe photo-chemical types of radiation, dwelling principally on the irreversible type of reaction caused by radiation. Another angle of the discussion will cover effects of radiation on types of crystal structures.

The Headlines In Chemistry program is sponsored weekly by the East Tennessee Section of the American Chemical Society and is designed to bring interesting facts of developments in chemistry and other sciences to the radio public in a form that will be interesting to laymen and scientists alike.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: George M. Banic, Isotope Research and Production; Raymond H. Young, Product Chemical; William Hinkleman, Electrical Maintenance; Frank Knox, Isotope Research and Production; William J. Rollins, Field Maintenance; Thomas A. McKenzie, Superintendents; Charles D. Woods, Buildings and Grounds; Ora A. Braden, Research Services; and Charles E. Davis, Guard.



Only one Y-12 employee was listed as father of babies born in the Oak Ridge Hospital last week. He was Ronald D. Smith, of Uranium Control and Computing, who became father of twin boys born November 14.

## Timely 'Self Questionnaire' Submitted; Answers Could Be Goal For Better Living

With the significant Thanksgiving season here and Christmas just a few weeks off—a period of retrospection might not be amiss. Probably with this thought in mind K. B. Baker, a machinist in the Y-12 Maintenance Shops Department, has submitted a "self-questionnaire" that can be read and digested by every Y-12er with accruing benefits.

Here is the list of 12 questions covering many phases of life. How would you answer them?

1. Do we take time to live and worship? It is the highway to reverence.
2. Do we take time to think? It is the source of power.
3. Do we take time to play? It is the secret of perennial youth.
4. Do we take time to read? It is the fountain of wisdom.
5. Do we take time to be friendly? It is the road to happiness.
6. Do we take time to love and be loved? It is the privilege of the gods.
7. Do we take time to laugh? It is the music of the soul.
8. Do we take time to play with children? It is the joy of joys.
9. Do we take time to be courteous? It is the work of a gentleman.
10. Do we take time to look? The eyes are the mirror of the soul, protect them.
11. Do we take time to drive carefully? It saves your time, life and money.
12. Do we work safely? It is doing your job the right way that makes a person feel proud of taking time to live.



**THIS GROUP OF Y-12 WOMEN EMPLOYEES AND FRIENDS ARE SHOWN AT A MISCELLANEOUS shower given last Wednesday night, November 15, honoring Miss Nannie Dossett, of the Plant Records Department. Miss Dossett was married Saturday to Harold Greene, of the Oak Ridge National Laboratory. Hostesses at the shower were Ruth Law, Berthie Cowden and Frances Sachs, with the event being held at the latter's home, 185 North Purdue. Standing, from left, are Mrs. J. W. Greene, Frances Sachs, Berthie Cowden, Ruth Law, Dorothy Connor and Mary Lou Pate. Seated in front of them are Miss Dossett, Desma Hutcheson, Jane Uffleman, Bobby Jean Kincaid, Pat Loy and Martha Parks. In the foreground are Mary Williams, Hilda Jenner and Martha Wilson.**



**GREENE-DOSSETT**  
Of social interest to Y-12ers was the marriage last Saturday, November 18, of Miss Nannie Elizabeth Dossett, of the Plant Records Department, to James Harold Greene, of the Health Physics Department of the Oak Ridge National Laboratory. The ceremony was performed at 10 a. m. at St. Mark's Methodist Church, Clinton, Tenn., with the Rev. Mr. Elsey, pastor of the church officiating.

The bride is the daughter of Mr. and Mrs. T. D. Dossett, of Jacksboro, Tenn. Parents of the groom are Mr. and Mrs. J. W. Greene, of Clinton.

The bride wore a mink-brown suit, winter white hat and brown accessories at her wedding and carried a white orchid corsage.

The matron of honor was Mrs. T. V. Williams, sister of the bride, who wore a beige suit with matching accessories.

Both Mrs. Greene and her husband graduated from Lincoln Memorial University, Harrogate, Tenn. She was a member of the Zeta Kappa Sorority and he belonged to Alpha Lambda Zeta Fraternity.

A young woman took a job as a governess, then suddenly left it. Asked why she resigned, she said: "Had to. Backward child, forward father."



All hail—and welcome—to Marc Calvert Sims, whose daddy, Marc V. Sims, editor of the ORNL News and former assistant editor of The Y-12 Bulletin, swears he will slug him (Calvert) over the head with a linotype machine if he (Calvert) ever enters the trade. The many Y-12 friends of Editor Sims have been busy congratulating—and running up bills—on him since the announcement last Thursday that Editor Sims and his charming wife, the former Miss Eileen Jennings of the city recreation department, had become proud parents of a fine seven and one-half pound son, born in the Baptist Hospital in Knoxville. In an exclusive interview with The Y-12 Bulletin, Editor Sims declared he had become a confirmed onychophagist in to and fro walks around the hospital corridors before the little bundle of joy was placed in his arms. As for the name, Calvert? "It is just an old family name," Editor Sims hastily explained, adding, "you know we never use the stuff." As for size—"Why, I almost caught a bass that big once." 'Tis reported Father Sims is enrolling in the Joe Riordan (Carbide Courier editor and father of four) class in diaper replacement. Joe declares he can perform the presto change function in 30 seconds flat with one hand, rolling a cigarette with the other.

The best angle of the situation is the timing—or rather lack of—Editor Sims got scooped on his own biggest story by both The Carbide Courier and The Y-12 Bulletin. However, Marc, the editor, is going to be all right. Doctors assured him "they hadn't lost a father yet."

Mozelle Rankin, of the Electromagnetic Research Division, flew to Mexico last week end for a week of vacation there. She joined Virginia Spivey and Elizabeth Patrick, other Y-12ers, who were already South of the Border, vacationing.

The Plant Records Department welcomes Martha Wilson and Evelyn Harmon to the roster. . . . Betty Stephens spent the week end in Bristol, Va., and attended the annual song contest at Virginia Intermont while there. . . . The department wishes to extend sympathy to Elizabeth Carter at the death of her grandmother in Texas.

Dr. Anne W. Robinson, of the Medical Department, attended the 15th Industrial Hygiene Foundation annual meeting in Pittsburgh,

Pa., last week. . . . Louise Worthington is vacationing at her home in Clinton this week; and is entertaining relatives, Mr. and Mrs. Lee Elkins, who are flying down from Kalamazoo, Mich., for Thanksgiving.

Lester H. Jenkins, of the Analytical Chemistry Division, motored to Asheville, N. C., over the week end. . . . Virginia B. Smith and her husband Guy, of the Chemical Department, visited relatives in Forest City, N. C., over a recent week end.

K. B. Brown, of the Materials Chemistry Division, spent a week's vacation at home in Oak Ridge. . . . W. M. Leaders took a business trip to St. Louis, Mo., last week. . . . Mr. and Mrs. G. W. Clewett attended the Tennessee-T. P. I. football game in Knoxville.

Incidentally—did any of you Y-12ers attending the Tenn.-T. P. I. tilt happen to note that a certain Frank North played a whale of a game for the Cookeville team? Who is Frank North? Well, a lot of you remember Fannie North, the attractive and able lady who used to do chores around the Y-12 Bulletin and Recreation Office. Frank is Fannie's husband. They now are living in Cookeville.

"Wimpy" Hilton, of the Research Engineering Department, vacationed at home in Knoxville last week.

C. H. Nicely, of the Guard Department, is on two weeks of vacation.

C. B. Newman, of Electrical Maintenance, and his wife spent a recent week end in Chattanooga. . . . The department welcomes Garry Hall, H. L. Simmons and W. B. Lyles to its roster.

The Isotope Research and Production Division, extends get-well wishes to George Banic, who is in the Oak Ridge Hospital, and to Newton Stone who is in St. Mary's Hospital, Knoxville, and to Alma Shaw, who is ill at home. . . . R. L. Jeffries spent last week's vacation at home in Oak Ridge. . . . Carl Frazier and his wife plan to go deer hunting in the Jefferson National Forest, Va., while on vacation this week. . . . Dr. C. E. Normand has returned from vacation spent at home in Texas. . . . T. J. Stephens and his family are vacationing this week in Gainesville, Ga. . . . Leon Love and his wife, Katherine, of the Analytical Laboratory, are visiting friends in St. Petersburg, Fla., and her sister in Memphis, Tenn., while on two weeks of vacation. . . . Jim

# Y-12 Plant Cagers May Compete In League With ORNL

## Orphans Monopolize C Loop Pin Honors

The Orphans monopolized practically all team and individual honors on the score sheets in C League bowling last week and boosted their lead in the loop with a three-point victory over the Guards. The second place Hooks took a three-point stinging from the last-place Hornets and held only a single point margin over the Hurricanes, which blew the Thin Pins apart for three points. The Short Circuits got back in the first division by trimming the Mules for three points.

Joe Dunlap, of the Orphans, grabbed off single game honors with a 219 scratch score, boosted to 246 with handicap. George Riddle, another Orphan, banged out a 532 scratch series for tops of the night. The only "outlander" to get into the individual scoring act was Bill Haase, Sr., of the Hurricanes, who came through with a 629 handicap series.

The Orphans started out with an 814 scratch game, boosted it to 966 with handicap, then posted a 2,365 scratch series and 2,821 handicap series to walk away with all team honors.

League standing follows:

Team	W	L	Team	W	L
Orphans	33	11	Moles	21	23
Hooks	26	18	Thin Pins	18	26
Hurricanes	25	19	Guards	16	28
Short Circuits	22	22	Hornets	15	29

## Y-12 Keglerettes Win 10th Tilt Of Year By Two To One

Paced by the powerful pin pulverizing of Juanita Reed, the Y-12 women's varsity bowling team took their cousins over at Oak Ridge National Laboratory into camp last Thursday night. The margin? It should be guessed—two out of three games. It is the 10th straight week of play that the Y-12ers have turned in the same margin of victory and while it might be monotonous, the 20 won and 10 lost record has the team in third place in the Oak Ridge City League just behind Reeder Motor Co. and Norris Creamery.

Miss Reed spun games of 150, 201 and 183 for a 534 series. Other Y-12 scores were Oradean Upchurch 144, 167, 174—485; Ruth Law 135, 137, 135—407; Mable Tyer 147, 111, 128—386; and Olyne Kappellmann 117, 142, 98—357. The Y-12 team scores were 728, 761, 718—2,207 to 790, 642, 634—2,066 for ORNL.

## Carbide Purchasing Office Will Move To Clayton Hall

As a convenience to sales representatives of firms doing business with the Carbide Purchasing Office and also for Company personnel, the Purchasing Office will be moved from its present location at K-25 to Clayton Hall in Oak Ridge on December 15 or shortly thereafter. The former dormitory building now is being remodeled to accommodate the Purchasing Office.

The move also is in the interest of plant security, as representatives of vendors will not have to enter the controlled area of Oak Ridge to handle their business with the Company.

Clayton Hall is on West Tyrone Road, across the street from the Roane-Anderson office building.

## 'HAMS' PLAN TO AID

The Washington Times Herald reports that "ham" radio operators of the city area are preparing to put their "know-how" and apparatus to work in case of an atomic attack on the city.

It doesn't cost to stay safe—it pays.

## Y-12 SPORTS NEWS



Y-12 Photo By Vince Moore  
**THE RIPPERS BOWLING TEAM IN THE B LEAGUE WERE a happy bunch of keggers last Thursday night as they took the first round championship in the final night of play. From left are Nelson Tibbatts, Elmore Koons, Jay Holtzknecht, Floyd Ludwig and Al Groppe.**

## Rippers Romp To 1st Round Championship Of B League In Close Finish With Wolves

Closing fast with a great stretch run, the Rippers took the first round title in the B League of plant bowlers last Thursday night at the Oak Terrace. The Rippers, which had not held the lead a single time in the first round of play, nosed out the Wolves by one point for the top honors as the Wolves bowed to the Comets by three points

and the champions took the Cubs for the same number. The 12 teams in the league now start all over again on Thursday, November 30, with second round play and another close race predicted. The first round race was one of the tightest in plant league history.

### Maintenance Almost Gets Tie

The Maintenance team almost got a tie with the Rippers but lost their last game of the night to the One-91 keggers after needing a clean sweep from the last place team. In other engagements of the night the Wasps and Tigers divided their four points as did the Bums and Bumpers while the All Stars trimmed the Head Pins by three. Maintenance ended up in a tie with the Wolves for second with the Wasps and All Stars also deadlocked for the next spot on the ladder.

Although the Rippers did not place a man in the individual top scoring list, the team rolled consistently and led the bunch with a 2,447 scratch series, boosted to 2,861 with handicap. The Comets posted the best single game scores with 898 scratch and 1,036 handicap.

Roy Roberts, rolling for the Comets, took most of the individual scoring honors. He posted a 224 scratch game, 602 scratch series and 647 handicap series. Jenkins, of the Bums, came through with a 246 handicap game for best of the session.

League standing at the end of the first round follows:

Team	W	L	Team	W	L
Rippers	28	16	Cubs	25	20
Wolves	27	17	Bumpers	20	24
Maintenance	27	17	Head Pins	16	28
Wasps	26	18	Bums	16	28
All Stars	26	18	Tigers	16	28
Comets	25	19	One-91	13	31

## All Y-12ers Get Good Marks In Pin Victory Over Foes

With all team members scoring better than 500 series, the Y-12 men's varsity bowling team took three out of four points from the usually potent Barber Buick pinner November 13 to boost their slim lead in the Oak Ridge City League over K-25. The Y-12ers scored 869, 866, 880—2,615 to 882, 780, 872—2,534 for their opponents.

Ernie Cobble led the closely bunched Y-12 scorers, having 194, 186, 157—537; and was followed by Frank Gragg 189, 154, 187—530; Elmore Koons 169, 202, 152—523; C. Roberts 168, 151, 202—521; and Nelson Tibbatts 149, 173, 182—504.

## Varsity Basketeers Continue To Workout

Although Y-12 will be without a plant basketball league this season, plenty of opportunity for action will be offered Y-12ers not performing on the men's varsity quintet.

### Two Plans Are Considered

Two alternate plans are being weighed by the Recreation Office. One would have two Y-12 teams compete with other quints from Oak Ridge National Laboratory in an inter-plant league. The other would have the Y-12 cagers in the Oak Ridge Recreation League. Final plans for the competition of the Y-12ers are expected to be announced this week.

As of last Friday five teams had been obtained for the Recreation League, according to Carl "Rabbit" Yearwood, of the recreation department. In addition to the two Y-12 teams, quintets have been pledged by Barber Buick, K-25 and the Atomic Energy Commission Employees Association.

If the league is perfected play is expected to begin Tuesday, December 12, with games on every Tuesday and Thursday nights at the old gymnasium of the Jefferson Junior High School.

The City League schedule will begin Monday, December 11, and games in this circuit will be staged on Mondays, Tuesdays, Wednesdays and Fridays at the new gymnasium at Jefferson.

### Varsity Squads Show Form

Both the Y-12 men's and women's varsity squads have been working out for some time and have demonstrated good form in practice. Anyone in plant wishing to try for the teams is urged to report for the practice sessions now being held.

### The schedule of coming practices for both the masculine and feminine cagers of Y-12 follows:

- Wednesday, November 22, 6 p. m., Jefferson.
- Monday, November 27, 6 p. m., Jefferson.
- Wednesday, November 29, 7:30 p. m., Jefferson.
- Monday, December 4, 7:30 p. m., Jefferson.
- Wednesday, December 6, 6 p. m., Jefferson.

### PLANTS DECLARED HARDY

The New York Times reports that Dr. Simon Kinsman, scientist of the United States Public Health Service, as telling food and drug inspectors attending a civil defense conference in Albany recently that it would take 100,000,000 atomic bombs "covering the surface of the earth" to cause general plant damage. He declared that there is little possibility that a general atomic war would reduce the world's food supplies appreciably.



AT LONG LAST — HERE IS that fish picture that "Hole Truth" Evan Means mentioned last week. George Ferrell, left, and Tom Webber, both of the Y-12 Maintenance Shops, proudly display three fine, fat large-mouth bass they lured from Ft. Loudoun Lake late in the summer. The fish, from left, weighed six pounds, three ounces; four and one-half pounds and three and one-half pounds respectively.

## Lead Of 10 Points Is Held By Strikers

The Strikers maintained their 10-point lead in the D League last week by walloping the third-place Splinters for three points. The Isotopes kept pace with the loop leaders by taking the same number of points from the Toppers while in other matches the lowly Pick Ups and Angstroms knocked over the Cermets and Old Men respectively by a three-point edge. It was the second week in a row that the Pick Ups and Angstroms had turned in victories over higher ranked teams.

Frank Gragg, rolling for the Strikers, turned in the best scratch game score of 203 for the night and also had the top scratch series of 538. Nicholson, of the Old Men, rolled a 237 for best handicap game and the 638 handicap series by Tom Webber, of the Pick Ups, led the bunch in that respect.

The Strikers walked away with most of the team scoring leadership for the night. The league leaders had a 898 scratch game, boosted to 1,027 with handicap, and a 2,524 scratch series for tops. The Isotopes put a 2,924 handicap series on the score books to take the lead in that bracket.

League standing follows:

Team	W	L	Team	W	L
Strikers	37	7	Cermets	18	26
Isotopes	27	17	Toppers	17	27
Splinters	23	21	Pick Ups	17	27
Old Men	21	23	Angstroms	16	28

The right clothing, the right tools, the right precautions and the right attitude mean a job done the right way—the safe way.

## Woes, Kemps Keep Pace In W League With Two Victories

The Woes and Kemps kept up their sizzling pace at the top of the W League of plant women bowlers last week, each turning in a two-game victory with the Racquetees and Controllers being the victims. The Wives of Employees managed to hold on to their one-game margin over the second-place Kemps in the loop at the end of proceedings last week.

In other engagements the Dodgers bumped the Cracker Jax for a three-point whitewash victory and the revitalized Striketees took the Hi Balls for two games.

Evelyn "Fiz" Tucker had the best single game scores of the night, a 178 scratch effort boosted to 226 with handicap. Mary Ballard, of the Cracker Jax, tossed a 480 scratch series and Ann Matlock, of the Woes, had the best handicap series of 624.

The Kemps rolled the highest series scores of the session, a 1,958 scratch and 2,738 handicap affair. The Controllers' 709 scratch game was best of the night as was the 935 handicap game by the Dodgers.

League standing follows:

Team	W	L	Team	W	L
Woes	22	11	Dodgers	17	16
Kemps	21	12	Hi Balls	15	18
Cracker Jax	18	15	Racquetees	12	21
Controllers	17	16	Striketees	10	23

## Caution Urged In Traveling Over New Rutgers Ave. Route

Y-12 motorists using the new Rutgers Ave. route from the old Scarboro Road to its intersection with Oak Ridge Turnpike at Vermont Gateway are urged to use caution in traveling the thoroughfare. It has been opened to traffic but all paving is not yet completed.

The new route provides a short cut for Y-12ers driving to and from the central section of Oak Ridge. Completion of Rutgers Ave. and South Illinois Ave. will result in the closing of the Old Scarboro Road through to the Oak Ridge Turnpike. The old road will be abandoned as it runs through the site of the new business district.

Your country's safety depends on your observance of security.



Y-12 Photo By Vince Moore  
**CHAMPIONS OF THE WOMEN'S PLANT LEAGUE OF bowlers last year but now meeting plenty of opposition to defend their title is the Controllers team, shown above. Seated at the scoring table is Oradean Upchurch while standing, from left, are Doris Moore, Betty Whitehorn, Katie Williams and Nancy Garrison.**

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Continued from Page 2

**Keeton** vacationed at home in Oak Ridge last week. **Dr. C. P. Keim** and his family are vacationing in Sebring, Fla., this week. **Bob Kelly** is spending a week's vacation in Eufaula, Ala. The department is glad that **Frank Knox** is out of the hospital and well on his way to recovery.

**J. J. Goodman**, of the Cafeteria, and his wife plan to spend Thanksgiving with their son who is in medical school in Memphis, while on a week's vacation.

**T. H. Barnhill**, of the Stores Department, and his wife **Pauline**, of the Plant Records Department, are spending a week of vacation in New Orleans. **J. D. McGuffin** is vacationing around home this week. The department welcomes **John R. Johnston** to the roster. **W. J. Stolp** is vacationing at home this week and entertaining relatives from California. They all plan to spend Thanksgiving with **W. J. Stolp, Jr.**, in Charlotte, N. C.

**K. S. Lyle**, of the Property Sales Department, is on a week of vacation.

**Paul Snodgrass**, of the Receiving and Shipping Department, is visiting relatives in Upper East Tenn., while on a week of vacation.

**Maola Conner**, of Manufacturing Office, spent the week end with friends in Cleveland, Tenn., and is vacationing this week at home in Lenoir City Tenn.

**Russell Ralston**, of the Property Department, is spending a week's vacation at home in Oak Ridge. **Frances M. Smith** is spending a week of vacation in Fayetteville, Tenn.

The Uranium Control and Computing Department extends congratulations to **Ronald D. Smith** at the birth of twin boys November 14, at the Oak Ridge Hospital. **Peter Warren** weighed four pounds, 10 and a half ounces, and **Michael David** weighed four pounds and one ounce.

**W. E. Rayburn**, of the Transportation Department, is on a week of vacation.

**Willie Cale**, of the Assay Laboratory, is on a two-week vacation.

**Betty Whitehorn**, of Plant Protection, is back on the job after a brief illness and the group welcomes her back. Plant Protection Supt. **Thomas A. McKenzie** was on the sick list last week at the Oak Ridge Hospital with a tough seige of influenza.

The Chemical Department extends get-well wishes to **George Strasser**; and welcomes **Dennis Davis** and **Wayne McClellan** back after their recent illness. **V. R. Sexton** is on a two week vacation.

**J. C. Hasting**, of the Fire Department, is vacationing this week. "Oh for the life of a fireman!" Chief **J. W. Hughey** is spending most of his week's vacation moving and getting settled in his new abode.

**Doris Moore**, of Employment, returned to work this week, rested (we surely believe) after a week at her home in Maynardsville. **Bob Cantrell**—he picked both Phillies and Yankees in major league races last spring—is vacationing at home this week but showed up on a busman's hol-

## Award Selection Cards Out; Quick Return Aim

Continued from Page 1

choices are being made were picked by a Plant Safety Award Selection Committee composed of men and women representatives from all divisions in the plant. The committee made its selections from 52 samples.

### Articles Are Described

The articles are (1) a set of four colored aluminum tumblers (2) Pyrex double boiler (3) lunch box with vacuum bottle (4) Phantom raincoat for men (5) Phantom raincoat for women (6) wall attached can opener and (7) cooky and pastry set. The raincoats come in small, medium and large sizes and employees choosing them are urged to mark the desired size on the selection card.

The awards are in recognition of establishment of a period of more than 1,500,000 man hours worked in Y-12 without a disabling accident. In this period, beginning January 19 and ending July 12, Y-12ers worked 1,645,228 hours without a lost time mishap. This is the third time that Y-12 employees have received individual safety awards for exceeding the 1,500,000 man hour mark of safe operations for which thousands are presented by the Company.

iday last Friday with a beautiful blue sports shirt.

**Margaret Carter**, of the Product Chemical Department, has returned from a week's vacation spent at her home in Harriman, Tenn. **Corrine Hill** flew down to Memphis, Tenn., to spend a few days of her vacation with her daughter; then down to New Orleans for the rest of her two weeks' vacation.

**Jeanette Arnold** is spending a week's vacation in Kingsport and Oak Ridge. **Dennie Williams** is spending her vacation in Oak Ridge. **Vernon Huddleston** is off on a week of vacation. **Lena Newcome** plans to spend her vacation in Roanoke, Va. **Mona Myers** had her daughter, **Joyce**, from T. P. I., home over the week end. The department welcomes **Howard Horne** to its roster.

As of last Friday afternoon—deadline for this column—**Arnold Tiller**, Y-12 Recreation Supervisor, had not returned from the b'ar hunt he and companions were reported waging in the wilds of North Carolina. However, **Sandy**, his attractive young daughter, was confident that daddy would bring home a rug for her room—but North Portal friends (?) were taking the bear and 13 points, and paying off on a tie. Maybe **Arnold** was thankful for the presence of one of the subjects of the poem written by the lady for whom the territory in which the hunt was staged, **Joyce Kilmer**. (Remember, "Only God Can Make A Tree.") Watch The Y-12 Bulletin—always ahead with the news—for further reports on the b'ar hunt.

FLASH: A Monday morning bulletin on the hunt revealed that it turned out to be a boar hunt instead of a bear hunt as the group failed to bag a bruin but plunked a porker.

Be different—anybody can have an accident.

## Y-12ers Asked To Aid AEP Select Courses

All Y-12ers interested in furthering their education through classes conducted under the Oak Ridge Adult Education Program are urged to fill out the coupon in the adjoining column and mail it to Roy M. James, Room 92, Bldg. 9704-2. By expressing their preferences in types of classes to be offered, Y-12ers may be assured that efforts will be made by Adult Education Program directors to include the subjects in the courses of instruction to be offered in the future.

### University Credits Are Given

The Adult Education Program courses include university credit class work in connection with the University of Tennessee and certificate courses in many topics. Classes are held at night on convenient schedules and many Y-12ers have taken advantage of the courses in the several years they have been offered.

The need for advance information on persons desiring any particular course is explained by the fact that a minimum of 15 students per class is required by the University of Tennessee.

Formal registration for the winter quarter will be held December 11 and 12 and again on January 2, 1951, at Oak Ridge Adult Education Program headquarters in the high school. Classes in the winter term will begin January 3 and 4 at the high school with the curricula including such fields as labor relations, industrial engineering, chemistry, physics, mathematics, and other subjects. The winter term will end March 14 or 15.

### Nearly 1,000 Are Enrolled

There is an enrollment of 264 in the graduate courses offered by the Adult Education Program in connection with the University of Tennessee and 238 are taking undergraduate work. In addition there are 406 persons taking class work for certificate credits.

Any Y-12er wanting further information on the Adult Education Program may obtain it by telephoning James at 7716 or by communicating with the Adult Education Program, Oak Ridge telephone 5-2889.

## Former Y-12er Helps Design New Reactor

Continued from Page 1

August to become a full professor of physics at North Carolina State College under Dr. Beck. Just prior to his departure he was awarded his doctor of philosophy degree in physics by the University of Tennessee. It was the first Ph.D. degree ever awarded by the University of Tennessee in physics and the first granted under the graduate school program offered by the university in cooperation with the Oak Ridge Institute of Nuclear Studies.

### Murray Came Here In 1943

Dr. Murray came to Y-12 on December 28, 1943, from the Radiation Laboratory of the University of California. He had an active part in development of the Beta process that finally resulted in Y-12 being the first Oak Ridge unit to produce Uranium 235. From time of employment to 1946 he was Superintendent of the Refining Department and then became head of a physics research group in the Electromagnetic Research Laboratory, a position he held until leaving to enter the field of education.

A native of Nebraska, Dr. Murray was born in Lincoln, February 14, 1920. He received his bachelor's and master's degrees at the University of Nebraska and took a graduate course in physics at the University of California.

### Reactor Is "Water Boiler" Type

The nuclear reactor to be erected at North Carolina State College will be a low power apparatus with a maximum power

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level of 10 kilowatts which will use enriched fuel of not more than one kilogram (2.2 pounds) of fissionable Uranium 235. It will be a "water boiler" type of reactor similar to the one that has been in operation at the Los Alamos Scientific Laboratory since 1944. The significant features of the water boiler design is that the uranium fuel is a solution of uranium salt in water. Such reactors are in contrast to those in which metallic uranium fuel elements are used.

The preliminary proposal for building the North Carolina research reactor was submitted to the AEC in April of this year and approval was granted in August. It is intended that operation of the reactor will be on an unclassified basis and open for public inspection with, of course, adequate safeguards to protect the nuclear fuel.

### Peacetime Research Is Stressed

On completion the reactor will be utilized for training of students in nuclear technology and for unclassified research in peacetime applications of atomic energy. It is expected that the project will be of material benefit to the physics departments of the institutions of the consolidated universities of North Carolina, medical schools and other research groups in the entire South.

The AEC has pointed out that the plutonium production of the proposed reactor will be less than one gram per year, an insignificant amount in the manufacture of atomic weapons. This fact makes its construction permissible under the Atomic Energy Act and the AEC also declares that the low power level of the reactor and its inherent controls make it entirely safe for operation on a college campus.

## Five-Number Phones Changed In Y-12, New Directory Out

Changing of some 50 telephone numbers in Y-12 and listing of a number of additional names has resulted in a new telephone directory for the plant being issued for insertion in the Atomic Energy Commission directory for all fa-

The new telephone number for The Y-12 Bulletin and the Y-12 Recreation Office, Bldg. 9701-1, North Portal, is 7553.

cilities in Oak Ridge. The new Y-12 numbers went into service last Saturday and all phone users in the plant are urged to consult the directory before placing calls.

All of the Y-12 numbers previously having five digits (four with the prefix 7) have been changed to four digit numbers. This will expedite placing calls both within the plant and to outside sources.

### 'WHAT TO DO—'

Col. Curtis Mitchell, president of a firm producing documentary films, is reported in the New York Post as planning a moving picture "What To Do When The Bombs Come."

## OPEN SEASON DATES ARE SET STRAIGHT FOR Y-12 NIMRODS

For Y-12ers who like to take to the fields in search of game—here are the correct open season dates for various birds and beasts. They are taken from the state conservation laws and vouched for by Evan Means, demon columnist and author of "The Hole Truth," a feature in The Bulletin.

To accommodate hunters wishing to take advantage of the Thanksgiving holiday the season on rabbit, quail and ruffed grouse opens Thursday, November 23. Possum and coons already may be hunted and the squirrel season remains open until January 5. The open season for migratory water fowl, including ducks and geese, opens December 2.

## Jack Joslin Enlists In Air Force; Dad Still Works In Y-12

Another young Y-12er, Jack Joslin, 21, of the Field Maintenance Department, has donned



the khaki of Uncle Sam. Joslin, a millwright helper, enlisted in the United States Air Force in Knoxville on Monday, November 13, and left that night

for San Antonio, Texas, where he expected to be assigned to duty at Randolph Field, the "West Point of the Air," where the Air Force trains most of its recruits.

Working in Y-12 is a family affair with the Joslins, as the young soldier's father, John R. Joslin, also is an employee here. The elder Joslin is an electrician in Electrical Maintenance and was employed in Y-12 back in May, 1944.

Jack Joslin first came to work in Y-12 on June 29, 1948, and left during a reduction in force move on February 2, 1949. He was called back to work on June 12 of this year. He is single and lived with his family at 197 Manhattan Road, Oak Ridge.

### GEIGER SALES BOOMING

St. Louis, Mo., department stores report an increase in sales of Geiger counters, spurred by the government's offers for a qualified uranium discovery, it is reported in the St. Louis Post Dispatch.

### ALL CONVENIENCES, YET

The Washington Star reports that Milton Steinberg, New York housing contractor, has promised reinforced steel and concrete bomb shelters under the garage of each home in a 250-house project he is building.

Man is the only animal that can be skinned more than once.