

Turkey And Trimmins' Dinner At Cafeteria December 23

Tasty Treat For Hungry Y-12ers Offered Next Thursday For Only \$1, Including Tax

Epicureans of Y-12 will be given a treat Thursday, December 23, when the Cafeteria will serve its annual Christmas dinner featured by the traditional turkey and trimmins' and about everything else

Carbide Offers Talks By Ridge Ministers

Daily Messages Set Over Station WATO

A group of leading Oak Ridge ministers are giving Christmas messages in 15-minute broadcasts over Oak Ridge Station WATO every afternoon from 4:30 p.m. to 4:45 p.m. until Christmas. The programs are being sponsored by Carbide and Carbon Chemicals Company.

The pastors all are speaking on the same general theme, "Let's Put Christ Back Into Christmas." The entire series of programs has been arranged by the Rev. Harley Patterson, president of the Oak Ridge Ministerial Alliance and pastor of the United Church of Oak Ridge. The Rev. Mr. Patterson opened the series of talks last week.

Beginning today, Wednesday, December 15, and speaking in turn until Christmas Day, Saturday, December 25, will be the Rev. Robert Thomas, First Presbyterian; Rev. W. C. Summar, Robertsville Baptist; Father Francis McRedmond, St. Mary's Catholic; Rabbi Martin Kessler, Beth El Jewish Center; Rev. R. W. Bridges, Church of the Nazarene; Rev. J. B. Bright, Cumberland Presbyterian; Rev. James Crumley, Grace Lutheran; Rev. Julius Kimpel, Faith Lutheran; Rev. Stanley Dyser, First Christian; Rev. Lon Moneyhun, Trinity Methodist; and the Rev. Mr. Patterson on Christmas Day.

Other Oak Ridge ministers who have already participated on the program are the Revs. Dr. Madison Scott, First Baptist; J. A. Bays, First Methodist; T. M. Megar, Glenwood Baptist; Kenneth Combs, Central Baptist; G. Wilson Elliott, Kern Methodist; and Bob McGregor, St. Stephens Episcopal.

George W. Flack Elected Scout Group Vice President

George W. Flack, Superintendent of Industrial Relations in Y-12 and a strong supporter of the Boy Scout movement in Oak Ridge, has been elected vice president of the Great Smoky Mountain Council of the Boy Scouts of America. T. E. Lane, General Superintendent of Industrial Relations for Carbide facilities in Oak Ridge and Paducah, Ky., and also prominent in Boy Scout affairs locally, has been elected as one of the Council's national representatives.

The two Carbide men were named to their new posts at a recent meeting of the Council in Knoxville. Reports at the meeting showed that Boy Scout membership has increased by 900 during the past year.

Y-12's Speedy Chest Campaign Marks New High

127.70 Per Cent Of Quota Raised; \$11,468.11 Given

Y-12ers topped all past records percentagewise in the 1954 fund raising campaign for the Oak Ridge Community Chest, according to a final report filed last week by Jack M. Case, Superintendent of the Y-12 Mechanical Operations Division and 1954 chairman of the Plant Community Chest Committee.

The report shows that the 1954 campaign raised a total of \$11,468.11 on a quota of \$9,000. This represented 127.70 per cent of the goal, the highest percentage ever recorded in Y-12. In the 1953 campaign the plant also had a quota of \$9,000 and raised \$10,693.78 for a percentage of 114. In the campaign last year 96 per cent of the employees on the payroll contributed to the campaign.

123 Per Cent In 1950

Over the past year the following percentages were registered—1952 was 103 per cent, in 1951 it was 102.4 and in 1950 123 per cent. Those unofficial figures registered before the final reports were made and probably increased slightly in the final checking.

Chairman Case's final report showed that 4,955 out of 5,247 Y-12ers solicited responded to the Community Chest appeal—a percentage of 94.4. In the two largest divisions, Maintenance and Mechanical Operations, the race was nip and tuck in the figure columns. Maintenance had 1,708 contributors out of 1,775 and turned in \$3,715.25 which was 105 per cent of its quota. Mechanical Operations had 948 out of 1,013 employees responding with 2,110.25 and 104 per cent of its quota.

Shift Superintendents High

The biggest percentage of quota was in the Shift Superintendents' Continued on Page 4

TASTY DISHES OFFERED ON CAFETERIA SPECIAL LUNCHES DECEMBER 16, 21

Appetizing dishes will be offered as entrees on the 50-cent Y-12 Cafeteria Special Lunches for tomorrow, Thursday, December 16; and next Tuesday, December 21. The main dish tomorrow will be stuffed bell pepper, Spanish style. On next Tuesday fish cakes with Creole spaghetti will be served. The lunches also include a vegetable, choice of salad or dessert and rolls and butter.

sure to be a big rush on for the bargain day offer in victuals.

Here's what's cookin':

- CHOICE OF ONE**
Chicken Noodle Soup
Apple, Tomato or Grapefruit Juice
- CHOICE OF ONE**
Roast Young Turkey, Oyster Dressing
Giblet Gravy and Cranberry Sauce
- OR
- Breaded Veal Cutlet, Tomato Sauce
- CHOICE OF TWO**
Fresh Broccoli with Cheese Sauce
Whipped Potatoes Glazed Fresh Carrots
Fresh Frozen Ford Hook Lima Beans
- CHOICE OF ONE**
Pineapple With Cottage Cheese
Waldorf Beauty Salad Head Lettuce
Stuffed Celery Sliced Tomatoes
- CHOICE OF ONE**
Pumpkin, Mince or Egg Custard Pie
Santa Claus Spiced Cake
Ice Cream, Assorted Flavors
Rolls Butter Coffee
Hot or Iced Tea

Y-12er's Son Begins Winning Science Honors With Exhibit And Essay On Portable X-Ray

Edward R. Pollard, Jr., Has 'Straight A' High School Average, Now In Junior Class

Pictures On Page Four

An Oak Ridge High School junior with a flair for science and mathematics who has maintained a "Straight A" average in his studies throughout his high school career is making his Y-12 father a right proud man these days. The youngster is Edward R. Pollard, Jr., 16, who dad is a Research Mechanic in the Research Services Department.

11 Years In Ridge Schools

Young Pollard has received all of his education in Oak Ridge schools, starting out 11 years ago as a first grader at Pine Valley. He then attended Jefferson Junior High School before advancing to the high school. Although primarily interested in science and mathematics even as a grade school student, he has participated in many other school activities

during his entire scholastic career. Since entering high school he has fixed his eye on scientific studies as far as the courses offered would permit. It hasn't been entirely theoretical, either, as Ed, Jr., has entered exhibits in Science Fairs in Oak Ridge and Knoxville and also in Nashville and is planning more participation in similar events. In this field he has been particularly interested in activities of the Future Scientists of America.

Entered Nashville Contest

His most recent endeavor was to enter his latest project—a portable X-Ray apparatus—in a contest sponsored by the Tennessee Junior Academy of Science in Nashville at George Peabody School for Teachers in Nashville. In competition with students from Continued on Page 4



Dance-Party Coming Friday Night At Terrace

Christmas Parties For Youngsters Set Monday And Tuesday

The next few days will see a lot of Christmas activities presented for Y-12 grown-ups and their children—all of them having as their objectives making hearts happier for the season.

Here is the calendar of events—heed it closely.

Friday night, December 17—The Annual Y-12 Dance-Party for all Y-12ers, their families and their invited guests, at the Oak Terrace ballroom, 9 p.m. to 1 a.m.

Monday, December 20—Carbide Childrens' Christmas Parties, 10 a.m. and 1 p.m. at the Oak Ridge High School auditorium.

Tuesday, December 21—Carbide Childrens' Christmas Parties, 10 a.m. and 1 p.m. at the Oak Ridge

Hospitalization Plan Booklet Out Shortly

Brochure Distribution Set With Pay Checks

A booklet completely describing the Hospitalization and Surgical Plan benefits available for Y-12ers insured under the contract between Carbide and Carbon Chemicals Company and the Connecticut General Life Insurance Co., will be distributed to all Y-12 employees within the next few days. Employees on the hourly and weekly rolls will receive the booklets with the pay checks distributed Friday, December 17; and monthly employees will get them with pay checks given out on Monday, December 20.

The insurance contract was revised on October 1 to provide additional benefits to Y-12ers over the provisions prevailing prior to that date. Daily hospital benefits were increased from \$7 to \$8 to a maximum of \$560 instead of the previous \$490. Women employees and wives of men employees receiving maternity benefits also had allowances increased.

The brochure is indexed and contains a listing of allowances for surgical fees, daily hospital benefits, maternity and medical fees.

Y-12ers desiring other information about the Hospitalization and Insurance Plan coverage may obtain it from the Insurance Office in Bldg. 9704-2, plant telephone 7382.

Argonne Laboratory Man Will Address Seminar Meet

C. C. Trail, of the Argonne National Laboratory of the Atomic Energy Commission, will speak at this week's meeting of the Oak Ridge Physics Seminar. The meeting will be held at 3:15 p.m., Friday, December 17, in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. The subject of discussion will be "Energy Levels in Beryllium 8 From the Study of Lithium 7 (d, n) Beryllium 8 Reaction." Y-12ers interested in the subject are invited to attend the meeting.

The Friday seminar session will be the last of the year. Meetings are scheduled to resume on January 7.

Y-12ers TO HEAR CHRISTMAS MUSIC OVER PA SYSTEM

Selections of appropriate Christmas music will be heard by Y-12ers during the first part of next week over public address systems located at the East, North and Central Portals as an additional reminder of the holiday season. The music will be presented by records during shift change hours.

High School auditorium and 11 a.m. Gamble Valley School.

Nothing has been left undone by Y-12 and Carbide authorities to make all of these affairs enjoyable for the throngs of adults and youngsters expected to attend the parties. Advance indications point to capacity audiences attending each of the functions.

Clarence Neal to Play

For the annual Y-12 Dance-Party music for dancing will be provided by the Clarence Neal orchestra that has played enjoyably for many Oak Ridge dances in the past. A bang-up program of entertainment for intermissions is being arranged by the Y-12 Recreation Office and door prizes will be awarded.

Tickets for the Dance-Party were going like hot cakes last week. They cost only \$1 per person, including tax and may be obtained at the following sources in the plant through Friday afternoon, after which they may be obtained at the door:

Evelyn Tucker, Bldg. 9711-5 (Cafeteria); T. A. Williams, Bldg. Continued on Page 4

SAFETY SCOREBOARD
The Y-12 Plant Has Operated
75 Days Or
2,441,809 Hours
(Unofficial Estimate)
Without A Lost Time Accident
Through December 12

The Bulletin

Published Weekly By And For
Y-12 Employees Of
**CARBIDE AND CARBON
CHEMICALS COMPANY**
A Division Of
**Union Carbide And Carbon
Corporation**
Post Office Box Y
Oak Ridge Tenn.

GEORGE W. DOBBS . . . Editor

OFFICE
Bldg. 9704-2 Room 223
Telephone 7753

Husbands To Be Guests At Carbide Wives Meet

Husbands of all members of the Carbide Wives will be guests at the December meeting of the group scheduled for 7:30 o'clock tonight, Wednesday, December 15. The monthly meeting and card party for the organization will be in the East Lounge of the Ridge Recreation Hall. Entertainment of husbands of Carbide Wives at the December meeting is an annual custom of the organization.

Special prizes for bridge, canasta and bingo and an extra door prize will be given at the meeting for both husbands and wives. "An Old Fashioned Christmas" decorative theme will be carried out in the hall.

Three wives of Y-12ers will be among the executive board members of the Carbide Wives to act as hostesses for the meeting. They are Mrs. R. E. Webb, treasurer; Mrs. W. H. White and Mrs. William Penn. Other hostesses will be Mesdames L. H. Fulks, president; J. K. Lowery, secretary; D. M. Cox, R. B. Clarke, T. S. Higgins, T. M. Deal and W. M. Cabbage.

Kingston Steam Plant Will Be Described

A description of the Kingston Steam Plant of the Tennessee Valley Authority and a comparison of that plant with the Johnsonville Steam Plant of the TVA will be given at the December technical-dinner meeting of the Oak Ridge Chapter of the American Society of Mechanical Engineers tomorrow night, Thursday, December 16. The meeting will be in the Starlight Room of the Oak Terrace, with dinner being served at 6:30 o'clock, followed by the technical meeting at 7:45 o'clock.

The speaker for the technical meeting will be H. J. Peters, Head Mechanical Engineer for TVA. He has been with TVA since 1937 and is in charge of all mechanical design for Authority installations, including the hydro-electric power program and seven steam plants. He is a graduate of Iowa State College and is a former chairman of the East Tennessee Section of the ASME.

A detailed "scene-in-action" display of the Kingston plant and a colored motion picture showing construction at the Johnsonville Plant will be shown.

Service Changes Announced By Manufacturing Office

Functional and organizational changes in the Manufacturing Office Division involving services concerning Y-12ers in general were announced last week. Affected are the office furniture and office machine repair service and the stationery and cash shoe sale functions, all of which have been transferred to the Stores Department.

In the future requests for office machine and office furniture repair should be made to plant telephone 7930, Bldg. 9706-2. Pending com-

Wife Of Y-12er Heads Toycenter For Bureau

Mrs. J. D. Bowers, wife of J. D. Bowers Jr., of the Y-12 Property Department, is chairman of the Toycenter for the 1954 Holiday Bureau. The Holiday Bureau is a red-feather agency of the Oak Ridge Community Chest and serves sub-marginal income families of the community at Christmas time.



Broken toys donated to the Bureau are repaired by members of Atomic City Post, No. 199, American Legion and then delivered to the Toycenter at the Townsite Firehall for final distribution.

The Toycenter will be open through Friday, December 17, from 2 p. m. to 4:30 p. m. and from 7 p. m. to 9 p. m. for receipt of toys, according to Mrs. Bowers. Persons wanting to give a large number of toys may communicate with the C & S Laundry, Central and Townsite Service Stations or the R. K. Smith Transfer Co. These concerns will pick up the toys for the Toycenter.

Another Y-12er Gains Promotion December 1

Another promotion of a Y-12er from the hourly payroll to a Supervisory post was announced last week. The promoted employee was Wylie Thomas McGee, who was advanced from the position of Electroplater in the Chemical Department of the Chemical Division, to the post of Foreman in the same Department.

Wylie's promotion was effective December 1, 1954.

Wylie has been a Y-12 employee since 1948, his employment dating from June 30 of that year.



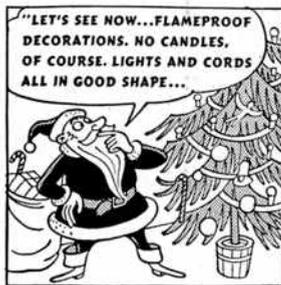
The following Y-12 employees were patients last week in the Oak Ridge Hospital:

R. M. Roark, Jr., Russell F. Moyers, and G. D. Treece, Electrical Maintenance; R. M. Mustin, Product Processing; J. W. Stevens and J. A. Atchley, Guard; E. J. Rodgers, Oscar D. Daniel, and W. B. Shy, Buildings and Grounds; R. D. Holsted, Chemical, A. O. Phillips, Stores; Hugh M. Jefferies, Field Welding; James L. Miller, A Mechanical Operations; W. T. McNamara, Planning and Estimating; Elmer Killion Research Services; E. L. Stooksbury, Beta Bour Maintenance; Jennings Baird, Laundry; L. E. Hart, Field Maintenance; Cleveland Cannon, Janitors.

pletion of another warehouse the stationery and cash shoe sales offices will remain in Bldg. 9704-2 with the same telephone number. Personnel affected in the change are Bruce T. Whitaker and B. B. Thornton, who will be responsible for Stores operations on the Second and Third Shift, respectively.

Reproduction services will remain in its present location in Bldg. 9704-2. This group, as well as the Mail Room located in the North Portal, now report to J. B. Sykes.

Santa Shows the Way



Let Christmas Holiday Season Be Really Gay And Free From Dangers Of Death By Flames

One day last year 23 persons died as a result of fire.

In Flat Rock, Mich.—a mother and four children . . . burned to death in their home.

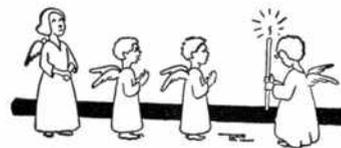
In Gloucester, Mass.—three young brothers . . . trapped by flames in their bedroom.

In Columbus, Miss.—seven-month-old twins . . . when fire and explosion destroyed a tenant farm house.

In fires elsewhere, 13 others died.

The day? Christmas, 1953.

The next day and the day after 60 more persons lost their lives in fires. The total for the holiday week end, according to the Associated Press, was 83.



The cause: the gayly-lighted Christmas tree? Holiday decorations of paper and tinsel? Defective wiring? A discarded cigarette?

Or was it just carelessness?

Whatever the cause, the fact remains that the Christmas tree and holiday decorations and costumes are, according to the National Board of Fire Underwriters, potential fire hazards and caution should be taken in their selection,

placement in the home and maintenance.

Selecting a Tree

In selecting a Christmas tree, choose a small one. There will be millions on the market. Last year, for instance, 4,000,000 Christmas trees reached retail outlets in New York State alone.

It's best to keep the tree outdoors until a few days before setting it up. During that time occasionally throw water over it. This will keep it moist and fresh.

When the tree is brought inside, cut the butt slantwise to open the pores, then stand it in a tub of water. Be wary of chemicals or other substances sold for "fire-proofing" trees. In some cases this process is ineffective.

Placement and Decoration

In placing the tree, it's best to avoid "hot spots" such as those near the fireplace, stove, television set, radiator or electric bulbs.

Never, warns the National Board of Fire Underwriters, use untreated paper ornaments or untreated cotton batting or gauze for decoration. Cotton and gauze can be made flame-resistant by dipping in a gallon of water mixed with nine ounces of Borax and four ounces of boric acid.

Of course, precautions should be taken against the dangers of flammable materials if used by youngsters for Christmas costumes—also for Old Santa himself if he shows up for home, or community, parties. The same treatment for making costume material flame-resistant can be used as for decorations.

Frayed Electric Cords Dangerous

Also, use only electric lights, never candles. Be sure, too, that wires are in good condition and bear the UL mark denoting Underwriters' Laboratories, Inc., which shows they have been tested for safety. Frayed electric cords, the National Board points out, are a fire hazard.

The switch for turning on the tree lights should be placed some distance from the tree. Never use an outlet or plug under the tree or run electric trains around the base.

Last year, in a New York apartment, a mother, father and seven-week-old baby were severely burned. The father, attempting to turn off the tree lights, pulled out a floor plug under the tree. A spark set off the blaze.

The day? New Year's Eve, 1953.

Over that holiday week end 28 persons burned to death.

"Christmas Angels," which will be introduced December 16 in a Knoxville radio station voice recital . . . Sympathy is extended Mabel Tyer, whose grandmother died last week.

MANUFACTURING OFFICE

A/2C Thomas J. Garland, son of Jack Garland, of Stores, has reached his new base about 70 miles from London, England, according to his dad . . . Polly Arnold is a Knoxville vacationer this week.

Carl Roddy and Evelyn Thurston, Plant Records, were still on the sick list last week and receiving get-well wishes . . . Kathryn Dumas observed her birthday with a cake and coffee party . . . Lennis

Continued on Page 4



"How large is your division?" one Y-12er asked another.

"Not too large," was the reply, "for a joke to go from me to The Bulletin and back to me again." (Ed's Note—Maybe the Colyum Conductor had better screen those volunteer humorists more sternly.)

Oh well, it's the season for love and forgiveness—so here goes with the chatter of the week.

MECHANICAL OPERATIONS

Divisional GHQ was busy last week congratulating E. D. Folden over the birth of a new daughter arriving last week—named Terry Lynn and weighing eight pounds, five ounces . . . H. H. Gresham is back from a vacation with one week being spent in Charleston, S. C., and the second around his home in the Karns Community.

MAINTENANCE

Planning and Estimating is muchly concerned over the condition of two of its sick folks . . . Mrs. Bill Kelly has been transferred from Fort Sanders Hospital in Knoxville to the Duke University Hospital at Durham, N. C. . . Tom McNamara is still in serious condition at Oak Ridge Hospital . . . Of course everyone around the premises is rooting for their recovery—and quickly.

Transportation and Buildings and Grounds folks were sad to hear of deaths of mothers of wives of two employees . . . They extended sympathy to C. T. Perry, whose mother-in-law, Mrs. Minnie McManus, died last week . . . Also to L. Valentine on the death of his mother-in-law, Mrs. Phillips, at Newport, Tenn.

W. D. Brock, Electrical Maintenance, told this one on himself—during his recent vacation he started out from his Athens, Tenn., home for a day of hunting, thinking mostly of a new hunting dog he was breaking in. On arrival at the hunting grounds, Brock found the pooch rarin' to go—and found he had left his trusty shotgun at home 10 miles away. However, he had the last laugh, on a later excursion—with gun this time—he bagged some fine birds . . . Fellows around the department indignantly deny they are planning a snack of hardtack and burnt toast for C. D. Treece on his return from a tonsilectomy per-

formed recently at the Oak Ridge Hospital . . . Instead, they send get-well wishes.

Field Maintenance reports B. A. Easter, R. E. Melton, and O. O. Milan vacationers last week—no destinations listed but Christmas shopping probably was indulged in.

Beta Four Maintenance sends rapid-recovery wishes to H. P. Pemberton, on the ailing list last week . . . A welcome back was extended to J. B. Farmer, who just left the same ailing list . . . C. H. Wade is vacationing at home in Oak Ridge.

Beta Two Maintenance welcomes newcomers W. E. Wilson and Aaron Duncan . . . And also C. D. Cowan and A. L. Austin, who returned after spells of sickness.

TECHNICAL

R. T. Lovell, Project Engineering, vacationed at home in Norris last week.

Project Construction was sending get-well wishes to ailing W. C. Countiss last week.

W. M. Hopkins, Civil and Architectural Engineering, stayed at home in Oak Ridge while vacationing last week.

Electrical Engineering wires that H. G. Smith vacationed for the past two weeks in Georgia—also that R. M. Lawson is somewhere on vacation this week.

Virginia Means, Health Physics, vacationed 'way up in New Yawk last week . . . Jerry Lambdin was around and about while vacationing this week—he didn't say where . . . Rapid recovery wishes were sent to Helen Hicks, ill in a Chattanooga hospital last week.

ALLOY

After skipping last week—Alloy returns with the news of a new father in its midst—the latest is John Wesley Jones, who is the proud pop of a new daughter, Janet Marie . . . H. Dyer's little girl, Esther Lynn, is doing fine after a recent tonsil removal . . . C. J. Marrow vacationed somewhere last week . . . Betty Jo Griffith, the recent bride, is leaving Y-12 to join her husband, Bill, now stationed in Bisbee, Ariz. . . The best of wishes go right along with her . . . C. E. Mills is the author of a beautiful Christmas song,



J. E. HANNAH, OF THE ALLOY Division, was rightfully proud of his conquest of the big blue catfish he recently caught while bank fishing near the Caney Creek Boat Dock on Watts Bar Lake. A large Baltimore minnow proved the undoing of the fish, which weighed 22½ pounds, was 37½ inches long and had a girth of 29 inches.

Plant Basketballers Stage Overtime Tilt

Good Games Staged As League Opens Play

Four games were played to a decision and two forfeits were awarded as the Y-12 Plant Basketball League got underway last week. A pair of tightly contested battles saw the Sunflowers edging the Bldg. 9206 Owls by 27-26 in a three-minute overtime period and the Bldg. 9206 Hot Shots five top the C Shift by 30 to 26. The Orsorts rolled over Maintenance, defending champions, 52-42 and B Shift Bombers bumped the D Doodies by 55-39.

Beta One got a forfeit from the Owls and the D Doodies took a similar decision from the Orsorts when the losing teams failed to muster a quorum at game time. **Game Close Throughout**

The Sunflower-Owls tilt was hot all the way, the largest margin being four points by the winners at the end of the third period. F. Manning and J. Lewis led the winners with nine and eight points while G. Keys and H. Myers with eight and five were the top scorers for the Owls.

The Hot Shots piled up a good half-time lead to whip C Shift as J. Miller potted 12 points, J. Foresman eight and W. Boucher six for the winners. Joe Vannoy scored 15 and Henry Seivers 11 for the losers.

The Orsorts piled up a 17-6 lead over Maintenance in the first quarter and held on for their win. G. Rogers and W. Burch tallied 17 and 14 points, respectively, for the Orsorts while Clyde Carter tossed in 15 and W. Malcolm 13 for Maintenance.

Bombers Overcome Deficit

The Bombers overcame a three-point deficit against the D Doodies in the first quarter and had things their own way for the rest of the game. H. Thornton had 10 points to lead the victors while J. Frost was high point man for the Bombers and the game with 14.

The schedule for the coming week follows:

Wednesday, Dec. 15—6 p. m., Orsorts vs. B Bombers; 7:30 p. m., Bldg. 9206 Hot Shots vs. Beta One; 9 p. m., C Shift vs. Maintenance.

Monday, Dec. 20—6 p. m., Maintenance vs. Beta One; 7:30 p. m., C Shift vs. B Bombers; 9 p. m., Orsorts vs. Bldg. 9206 Hot Shots.

Wednesday, Dec. 22—6 p. m., B Bombers vs. Bldg. 9206 Owls; 7:30 p. m., Sunflowers vs. Maintenance; 9 p. m., C Shift vs. D Doodies.

League standing as of last Wednesday, December 8, follows:

Team	W	L
Sunflowers	1	0
B Bombers	1	0
Beta One	1	0
Bldg. 9206 Hot Shots	1	0
Orsorts	1	1
D Doodies	1	1
Maintenance	0	1
Bldg. 9206 Owls	0	1
C Shifts	0	1

194.560, McAdams 193.440, Brewster 193.077 and J. P. Hunt 192.640. Others firing for Y-12 were R. C. McIlhenny and W. R. McIntosh.

Croquet—a wicket game.

Y-12 SPORTS

Pistoleers Win Two More Matches; Are Tied For Top

The pistol team of Y-12 posted its fourth win of the season on Wednesday, December 8 by a forfeit victory over the Independents. However, in firing for record the Y-12ers posted the highest handicap score of the season with 1441.999. The scratch score was 1217. As a result of the win, Y-12 is tied with Oak Ridge National Laboratory for first place, each team having lost but one match with ORNL beating Y-12 in the scratch side and Y-12 turning the tables in handicap firing.

The next match for the Y-12ers will be Friday, December 17, against the Atomic Energy Commission. The Y-12 pistoleers then will be idle until January 12, when they meet the Labsters again.

In the record firing last week scratch scorers again were led by J. C. Ezell with 253, followed by P. H. Williams 251, W. R. McIntosh 241, L. E. Hedrick 239 and T. J. Bush 233. Hedrick, a newcomer on the squad, topped handicap scoring with 290.630. Then came Williams 288.108, O. C. Beatty 288.040, A. V. Bible 287.651 and C. G. Brewster 287.570. Others firing were R. L. Vanderpool and J. H. Mowan.

The Y-12 pistol team swept both scratch and handicap scoring in a match against K-25 December 1, posting a 1194 scratch and 1435.904 handicap tally. The K-25 scores were 1168 and 1434.945.

Y-12 scratch scoring was led by J. C. Ezell with 254, followed by W. R. McIntosh 240, C. G. Brewster 238, T. J. Bush 235 and M. L. Woodard 227. In handicap firing the top five were Brewster 289.652, E. Scott 288.100, Woodard 287.459, Bush 285.349 and Ezell 285.344. Others firing for Y-12 were R. L. Vanderpool, P. H. Williams, O. C. Beatty, A. V. Bible, F. F. Lay, J. W. Garland, N. C. Abbott and L. E. Hedrick.

Y-12ers interested in the sport of pistol target shooting are asked to communicate with Capt. M. R. Woodard, Y-12 Guard Department, telephone 7272, or the Y-12 Recreation Office, telephone 7753.

Varsity Keglers Top AEC To Boost Lead

The Y-12 varsity bowlers climbed another notch out in front in the Oak Ridge City League by trouncing the Atomic Energy Commission kegglers for three points. The Y-12ers now have a five-point edge in the standings.

Joe Pryson topped the Y-12ers with 193, 226, 145—564, followed by Frank Zupan 193, 191, 168—557, Ernie Cobble 137, 184, 184—505, Ed Gamble 162, 177, 157—496 and Jack Spears 128, 186, 160—470. The game scores were 818, 964, 814—2596 for Y-12 and 800, 914, 847—2561 for AEC.

Cards, Robins Look Forward To League Play After Impressive Show In Tourney

Both Y-12 Teams Win Ways To Finals Of Charity Event With Clean Cut Victories Over Opposition

Encouraged by a fine opening showing in the Knoxville Milk Fund Basketball Tournament, both Y-12 varsity hoop squads will be buckling down to practice for league play expected to start shortly after January 1. The Cardinals and Robins both won their way to the finals of the Knoxville event with the Cards havin' been slated to meet the K-25 Blues and the Robins the Oak Ridge National Laboratory lassies in the championship games on Monday night.

Screw Balls Swamp Electrons Team

The Screw Balls returned to action in the C League of plant bowlers last week to rack up a four-point victory over the Electrons and increase their lead to seven points over the runners-up Glass Arms. The Glass Arms dropped three points to the up and coming C Shift kegglers, deadlocking these teams for second place. The slumping Rusty Five was defeated by the Hot Wires by a three-point margin. The Hornets and Deltas were idle last week.

Individual scoring honors were split four ways. Paddy Peckman, Rusty Five, topped the bunch with a 210 game and Smith, Hot Wires, had the best handicap game of 234. The high scratch series of the night was a 507 by Tiller, Hot Wires. Leo Hemphill, Rusty Five, posted a 624 handicap series. The Hot Wires took most team highs with a 772 scratch game, boosted to 990 with handicap, and a 2821 handicap series. The Screw Balls horned in with a 221 scratch series.

League standing after last Wednesday night's alley activities follows:

Team	W	L
Screw Balls	36	16
Glass Arms	29	23
C Shift	29	23
Rusty Five	27	25
Hot Wires	23	29
Hornets	22	25
Deltas	21	27
Electrons	16	36

UCJVs, Bldg. 9212 Win Volleyball Tilts

The Uranium Control Junior Varsity team held its lead in the Y-12 Plant Volleyball League in play December 7 by winning a forfeit from the Fog Heads. The latter team was unable to field a team in time for the contest and the USJVs thereby acquired three points.

In the single match played last week Bldg. 9212 topped the Duds by 15-7 and 15-9 in two hard-fought engagements. The two consecutive wins gave the victors three points and kept them close behind the league leaders.

The next action is set for Tuesday night, December 21, when the schedule will be:

7 p. m.—Peons vs. Bldg. 9212.
8 p. m.—Duds vs. UCJV.

League standing follows:

Team	W	L
UCJV	7	2
Bldg. 9212	6	3
Peons	3	3
Duds	2	4
Fog Heads	0	6

Safety is sensible.

Rippers, ADP Tied For B Loop Lead

The Rippers team of the B League jumped all the way from a fourth place tie to a tie for first with the ADP team in the plant kegglers circuit last week with a whitewash victory over Bldg. 9211 while ADP was losing three to the All Stars. Four teams also are deadlocked for second place in the second round of play. Other results last Thursday night saw the Tigers blank the Swingsters and three-point wins posted by the Wasps over the Wolves, Rebels over the Cubs and Bums over the Has Beens.

By a vote of the majority of the players in the league, the loop will carry out its regular schedule on both Thursday nights December 23 and 30.

Gilbert, of the Tigers, had a good night in individual scoring with a 230 scratch game, boosted to 263 with handicap. However, Sherrod, Bumpers, posted the best scratch series of 567 and Higgins, Bldg. 9211, the top handicap series of 659. The Rippers had the best single game scores of 893 and 1030 and the Bumpers the top series tallies of 2572 and 2959.

League standing follows:

Team	W	L
Rippers	8	4
ADP	8	4
Wolves	7	5
Wasps	7	5
Rebels	7	5
All Stars	7	5
Has Beens	6	6
Tigers	6	6
Bumpers	5	7
Cubs	4	8
Swingsters	4	8
Bldg. 9211	3	9

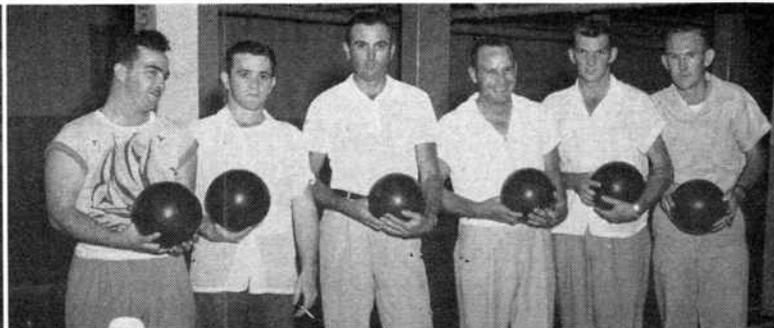
Y-12 Riflemen Beat Girls' Team Of K-25

The female of the species may have been declared more deadly than the male—but not on the Oak Ridge Sportsmen's Association rifle range December 6—as the K-25 girl's rifle team went down in defeat before the Y-12 team of men in both scratch and handicap firing. The Y-12ers won by 839 in scratch firing and 968.536 to 939.360 in handicap scores.

The five high scratch scores for Y-12 were posted by R. W. Miller 717, C. G. Brewster 170, R. L. Vanderpool 167, H. F. Harris 166 and H. V. McAdams 159. In handicap scoring for Y-12 the top honor also was taken by Miller with 194.839. Other scores were Harris



TWO DANDY TEAMS IN THE C LEAGUE OF PLANT BOWLERS are pictured above. The Screw Balls, which held the loop lead for some time, are shown at left. From left they are F. M. Zupan, G. L. Anderson, H. O.



Runge, P. A. Cuthbertson, L. G. Spence and R. E. Seivers. At right is the C Shift team, squad members being A. J. Hairston, C. H. Pride, J. E. Morgan, J. C. Booher, R. L. Morrow and J. C. Bryan.

the Cards have been slated to meet the K-25 Blues and the Robins the Oak Ridge National Laboratory lassies in the championship games on Monday night.

The Cards are expected to play in a Knox-Ridge League with all three Carbide teams of Oak Ridge entered in the circuit. Jefferson City Motors and Kelso Oil Co. were mentioned as Knoxville entries in the loop. The Robins and ORNL are two certain entries in an Oak Ridge Women's City League with Rust Engineering Co. and Atomic Energy Commission other probable starters.

Both Y-12 squads were impressive in their hardwood debuts. The Cards cracked the 663rd A-CNW Squadron by 49 to 26 in their opener and the Robins rocked the Levi Strauss girls by 82-15. The Airmen made it close against the Cards for one period with the red and white only having a 12-10 lead. However, Don Wood started finding the range for the winners and the Cards widened the gap continually, with Wood scoring 23 points. In the women's clash, the Robins scored at will with Sue Strange topping the scorers with 24, followed by Nell McGinnis and Helen Brown with 16 each and Ruby O'Kain 12. Everybody on the squad saw action, other players being Shirley Brown, Bonnie Roberts, Lois Secrist, Geneva Gearing and Delores Chitwood.

In a second round battle the Cards had a tough time with the Bell Avenue Baptists, being forced into overtime to win a 44 to 42 verdict. Hill Henry tossed in the winning basket for the Cards while Fred Harding and Wood each had 14 points. The Cards were ahead all the way until the Baptists tied it up near the end of the regulation period.

The Robins had it easier, coasting to a 39 to 21 win over the National Business College, leading all the way. The losers got only four field goals for eight points against the tight Y-12 defense. Helen Brown and Ruby O'Kain each got 15 points for the victors.

Y-12 Keglerettes Deadlocked For Top

Although minus two regular players, the Y-12 keglerettes forged into a tie for first place in the Oak Ridge Women's City Bowling League last week with a three-point victory over the Cas Walker lassies. Betty Whitehorn and Juanita Reed were not in the lineup when alley activities started for the Y-12ers.

The Y-12ers got away to a running start by taking the first game by 748 to 704 and the second 737 to 698. The Walkerites rallied to take the finale 719-709 but Y-12 had top pinnage by 2194 to 2121. Doris Walton was top scorer for Y-12 with 157, 183, 170—510, her best series of the year. Then came Mavis Koons 148, 158, 139—145; Dean Uffleman 137, 157, 128—422; Ruby O'Kain, 160, 116, 136—412; and Dot Park 146, 123, 136—405.

The triumph put Y-12 in a deadlock for first place with Management Services, Inc., each team having a 10-2 mark for the second round of the season.

BODY ARMOR PROPOSED

Body armor for civilians in case of atomic attack is recommended by the Armed Forces Institute of Pathology, according to the New York Times. The institute suggests the nylon armor tested in Korea.

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EDWARD R. POLLARD, JR., AND HIS DAD, A Y-12ER, LOOK OVER THE BOY'S PORTABLE X-RAY APPARATUS that he built himself and which he hopes will win high honors in the Southern Appalachian Science Fair to be held in Knoxville next spring. At right young Ed takes a peek inside the machine and consults the wiring chart seen in the background.

Y-12er's Son Begins Winning Honors

Continued from Page 1
 all parts of the state, including a number from Oak Ridge, he earned an honorable mention for his machine, which he demonstrated and described in a 10-minute appearance.

Previously, the same machine earned a similar award in the Regional Science Fair held in Knoxville last spring. The machine was built in its entirety by young Pollard and when it is displayed it is accompanied by charts showing the wiring and other details.

Essay Wins Citation

The young scientist wrote an essay on his project and sent it to the Future Scientists of America Foundation, Baltimore, Md. In a nationwide contest he won honorable mention for this work and was awarded a citation from the Foundation. It was presented to him last month by Dr. DeS Bransnas, chairman of the Oak Ridge Chapter of the American Society of Metals. The ASM sponsors the Science Achievements Awards for Students program in 1954, with the contest being conducted by the National Science Teachers Association. The award from the Foundation was signed by officials of the ASM and NSTA and by the chairman of the Future Scientists of America.

To Enter Knoxville Fair

Ed's next principal objective is to participate in the Southern Appalachian Science Fair to be held in Knoxville in March or April of next year. The winners in this event will enter the national finals at California Institute of Technology later in the year.

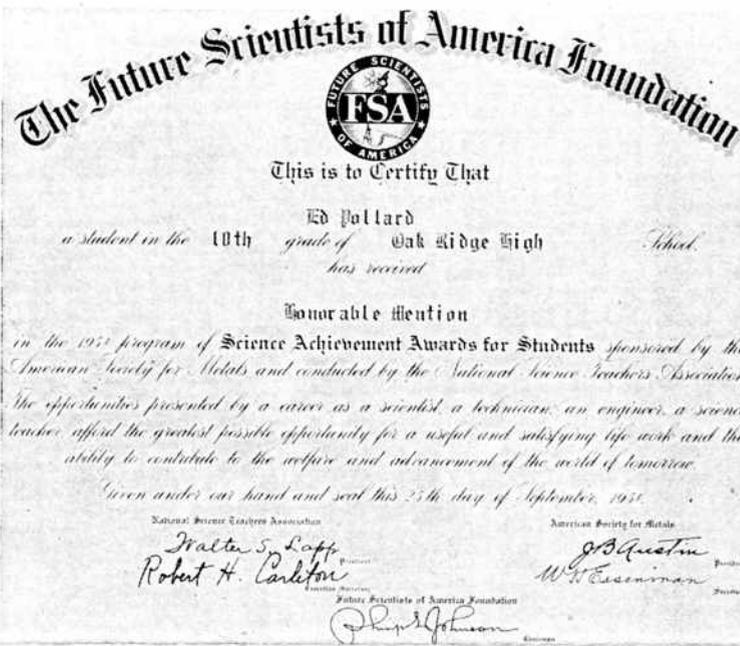
He probably will enter his present X-Ray machine, which was made from materials mostly purchased at Carbide surplus sales. The machine works on ordinary power circuits and has transformers to step up the normal 110-volt current up to 25,000 volts or down to five for operational purposes.

Ed's childhood ambition was to be an airplane pilot—and he still takes an active interest in aviation through enrollment in the Civil Air Patrol. He has attended summer encampments of the CAP at Sewart Air Force Base in Nashville for two years.

Has Other School Activities

After completing his six years at Pine Valley Ed expanded his activities on entering Jefferson Junior High School. Although sticking closely to his chosen fields of mathematics and science, he found time for other school activities that included football, membership in the student council and even singing in the school chorus.

In his first year of high school he wrote for the school paper, was a member of the student council, was home room president and a member of several clubs. He went on from this beginning to similar activities in his next two years



THE HONORABLE MENTION CERTIFICATE WON BY ED POLLARD FROM the Future Scientists of America is shown above.

Y-12 Dance-Party Set Friday At Terrace

Continued from Page 1
 9704-2 (Cashier's Office); Mavis Koons, Bldg. 9212; Frank Fuis, Bldg. 9739; A. F. Kendig, Bldg. 9201-3; Pat Ridge, Bldg. 9795; Robert Loy, Bldg. 9709; R. E. Monger, Bldg. 9769; Carl Frazier, Bldg. 9704-2; and the Recreation Office, Room 221, Bldg. 9704-2.

More than 6,000 children between the ages of two and 10 years, inclusive, are expected to attend the five Carbide Children's Christmas Parties next Monday and Tuesday. Arranged by the Company for the entertainment of the youngsters of Carbide employees at all three Oak Ridge installations, these parties have grown in popularity over the years. Last year approximately 5,000 youngsters, including 1,260 with parents working in Y-12, attended the affairs.

A full program of entertainment is provided at each of the parties. Gift stockings filled with toys and candy are given to each youthful guest. The youngsters also are greeted by Santa Claus, see several colored movie cartoons and sing carols. A feature on this year's program is the appearance of the Budenko Brothers, a professional juggling team that has appeared on children's programs throughout the country.

The Carbide Wives, composed of wives of Carbide employees in Oak Ridge, will assist personnel of the three Company installations in Oak Ridge in making the parties a success. The Wives will assist in distribution of gifts and other duties.

Rides Wanted, Offered

One Or Two Riders Wanted—From Washington Pike, Knox County, via Fountain City, Cedar Lane or Dutch Valley Road, to East Portal, straight day. W. L. McCormick, plant telephone 7951.

Want To Join Car Pool Or Want Ride—From Rosedale Section of Kingston, straight day. Don McMurray, plant telephone 7640, home telephone 6914, Kingston.

Rider Wanted—From Sweetwater or Loudon, straight day. Kenneth Denton, plant telephone 7-8321, home telephone 4753, Sweetwater.

Alloy Division Held Xmas Party At Eagles Friday

Opening what is expected to be a series of holiday parties by various Y-12 divisions and departments, the Alloy Division held its annual Christmas Party last Friday night, December 10, at the Eagles Club. Music for dancing was provided by Dave Blessings' orchestra and entertainment was presented by Division members, including a vocal trio composed of Wanda Livesay and Jo Ann Baker, division employees, and Barbara Soseby. Master of Ceremonies for the party was Alloy Division Superintendent W. H. Whitson. Approximately 300 persons attended the affair.



Continued from Page 2

McCartha and her husband vacationed in sunny (it is hoped) Florida last week.

Mary Gross, Property, and her husband are vacationing this week in the Bahamas—lucky folks.

Receiving and Shipping sends get-well wishes to the mother of Mary Arp, who is seriously ill in a Maryville hospital.

"Buzz" Strunk, of the Tool Department, joined the ranks of the successful deer hunters of the season when he bagged a buck over around Norris last week . . . C. L. Stuckey and J. P. Plymon were other vacationers of the department last week.

Property Sales reports Elihu Kimberlin vacationed last week.

Methods Engineering welcomed Jean Rains as a new employee last week.

Production Inspection hopes K. C. Burgess and George Cantrell, out sick last week, will return soon . . . Vacationers, coming and going, include Walter Moru, Lewis Hahn, F. N. Haynes, and Jack Matties . . . Newcomers for whom the welcome mat was out last week are Hobart Keating and Jack Williams.

Betty Heath, of the Cashier's Office, vacationed in Atlanta last week . . . Sue Gragg spent last week in Stearns, Ky., on a visit.

CHEMICAL

F. W. Hill, Chemical Department, was receiving congratulations last week over the birth of a new daughter—Mary Angele, born November 19, weight seven pounds, 12 ounces.

INDUSTRIAL RELATONS

Jodie Brown, Medical, was a vacationer last week . . . Naw, she didn't say where, either.

The Guard Department was busy extending congratulations on one hand and condolences on the other last week . . . The handshakes went to M. T. Barker, who became father of a bouncing baby boy December 6, weighing seven and one-half pounds . . . The expressions of sympathy were extended to A. O. Mitchell, whose wife, Bessie, died last week.

The Safety Department extended a warm welcome last week to Austin Reed, who recently transferred from the D Mechanical Operations Department.

W. T. "Bill" Hays, Security, was out all last week nursing a "strep" throat.

K. D. Patterson, Cafeteria, is up in Morristown this week catching up on his Christmas shopping . . . Nancy Gasaway's son, C. H. Gasaway, Jr., is home on leave for the holidays.

C. W. McCollum, of Training, is trying to catch up on his rest while vacationing around his Concord estate this week.

Little Electron—meeting another in plutonium: "Hi there, how are you?"

Another Little Electron (haughtily): "None of your business, I don't know you from atom."

With that nuclear and unclear thought—good bye for awhile.

Y-12's Speedy Chest Drive Tops All Marks

Continued from Page 1
 group. In this organization 25 out of 26 employees contributed a total of \$228, which was 438 per cent of the assigned quota.

Generous Y-12ers wound up the 1954 Chest campaign in a real hurry—meeting and exceeding the plant goal of \$9,000 in less than one day. This was the seventh consecutive year that the Y-12 Plant has been first in its classification to go "over the top" in the annual drive.

10 Years Service

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

- Ralph L. Johnson, Guard, December 18.
- Howard H. Adcock, Maintenance Automotive Equipment, December 18.
- Clarence H. Crockett, Buildings and Grounds, December 18.
- Maurice V. DeLung, Buildings and Grounds, December 18.
- William C. Hudson, Project Engineering, December 18.
- Archie D. Douglass, General Machine Shop, December 19.
- Lyman C. Hale, B Mechanical Operations, December 20.
- Richard H. Sharp, Janitors, December 20.
- Elbert Scott, Guard, December 21.

WHAT'S IN A NAME?

The mistletoe, in the language of the flowers, means "give me a kiss."

Union Carbide Gets Award For Excellent Advertising

Union Carbide and Carbon Corporation, of which Carbide and Carbon Chemicals Company is a Division, has received one of the Saturday Review Magazine's 1954 awards for distinguished institutional advertising in the public interest.

The award winners were picked by a committee of 40 judges, representing industry, education, advertising, public relations and newspapers. Union Carbide received the award specifically for its contribution to the "development and appreciation of our nation's educational and cultural resources."

while his scholastic interest in science continued to grow.

The entire Pollard family is rightly gratified over the youth's achievements. He has a younger brother, Gary, 15, a sophomore at high school; and a sister, Patricia, 11, attending Robertsville Junior High School. His mother, Mrs. Irene Pollard, naturally is proud of his scientific inclinations, but is particularly proud of that "Straight A" record in all subjects and that in his more than two years at high school he has missed but one day of school attendance.

Hopes To Enter MIT

As to his future—Ed has hopes of entering Massachusetts Institute of Technology and major in chemical or aeronautical engineering. He also has a chance of winning a scholarship if his exhibit can win honors in the National Science Fair—as did four Oak Ridge High School pupils last year.

The Pollard family came to Oak Ridge from Memphis and Edward R. Pollard, Sr., came to work in Y-12 on July 31, 1950.