



FRED E. BAILEY, OF Stores, is shown above left with his second cousin, Ronald LeLoutre, 12, of Luxembourg, whom he plans to adopt and bring to the United States this autumn.

War Orphan To Be Adopted By Y-12 Man

If everything works out all right—and there doesn't seem to be a hitch in sight—a 12-year-old European lad who was orphaned by Nazi bombs during World War II in Luxembourg will be happily spending Christmas in the United States and taking his first steps toward becoming an American. This is the objective of Fred Bailey, a Y-12er in the Stores Department, who is carrying out plans to adopt the youthful European, Ronald LeCoutre, who is the Y-12er's second cousin, the lad's mother being a relative of the Y-12 man.

May Spend Christmas Here

Bailey made a flying trip to Europe in August, leaving August 1 and returning August 22, when he conferred with necessary authorities through the American consulate at Frankfurt, Germany, for formal adoption of the youth and settlement of the estate of the parents. Another trip later in the year, probably around Thanksgiving, will wind up the business and allow the Y-12er to bring the youth back to America with him, Bailey believes, giving the youngster an opportunity to spend Christmas in the United States.

With both parents being killed

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ITALIAN SPAGHETTI, MEAT SAUCE TO HEAD CAFETERIA SPECIAL

Italian spaghetti with meat sauce will be the featured entree on the Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, September 17. The 50-cent special lunch also will include a vegetable, choice of salad or dessert and rolls and butter in addition to the entree.

Mechanical Engineers Set Talk By Fraas

Illustrated Lecture Set On Brazil Experiences

A. P. Fraas, of the ANP Division of the Oak Ridge National Laboratory, will give an illustrated talk on "Engineering in Brazil" to the East Tennessee Section of the American Society of Mechanical Engineers at a smoker at 8 o'clock Thursday night, September 18, in the Starlight Room of the Oak Terrace.

Fraas has served with the Brazilian Air Ministry and his talk will be based on his experiences there. He is a specialist in internal combustion engines and has taught this subject at New York University and Case Institute of Technology. Fraas also held positions with Wright Aeronautical and Packard Motor Co.

All mechanical engineers in Y-12, guests and friends are invited to the smoker.

UT Graduate School Offers Fall Program

The University of Tennessee Graduate School has announced the calendar for the Fall Quarter for the Oak Ridge Resident Graduate Program. All classes will begin Monday, September 28, and will be held in the Oak Ridge Institute of Nuclear Studies Training Building. All courses will carry three quarter hours of credit.

Registration will be on Friday, September 25, from 5 p.m. to 9 o'clock p.m. at the ORINS Training Building. After October 3, a service fee of \$1 will be charged for late payments.

The Fall Quarter Program will include Chemical Engineering 511, heat conduction; Chemistry 461, laboratory technique; Chemistry 571, theoretical inorganic chemistry; Industrial Management 511, principles of organization; Industrial Management 521, personnel management; Mathematics 451, introduction to analysis; Mathematics 561, mathematical methods in physics; Metallurgy 584, high and low temperature behavior of metals; Physics 451, atomic physics laboratory; Physics 511, introduction to theoretical physics; and Physics 611, quantum mechanics.

Sorority To Sponsor Card Party And Fashion Show

A card party and fashion show will be sponsored by the Oak Ridge City Council of the Beta Sigma Phi Sorority of professional women of the city at 7:30 o'clock Thursday night, September 17. Three Y-12 members of the sorority, Mabel Tyer, Lucille Whitman and Evelyn Wilson, announced the meeting. Proceeds from the show will go to the Oak Ridge Cerebral Palsy Center to buy new equipment.

Fall and winter fashions provided by Loveman's Store will be shown by models from the four local chapters of the sorority. Table and door prizes will be awarded and refreshments served.



Dr. Raymond L. Murray

Former Y-12er Helps Operate School Reactor

The recent announcement by the Atomic Energy Commission that an agreement had been signed by the AEC and North Carolina State College for the operation of the first university-owned nuclear reactor in the country, also pointed out that Dr. Raymond L. Murray, a former Y-12er, would be associated in the operation of the reactor along with Dr. Clifford R. Beck, former Director of Research at K-25. Dr. Beck is director of the North Carolina project.

Left Y-12 In 1950

Dr. Murray left Y-12 back in August, 1950, after a brilliant career as a physicist here, to become connected with Dr. Beck at North Carolina State, which is a part of the University of North Carolina. Since that time the former Carbide employees have been with aid of other university scientists, designing and getting the nuclear reactor at the North Carolina institution ready for operation. The reactor project there dated from June, 1950, when the college initiated design and construction of a low-powered research reactor.

"Ray" Murray was one of the Y-12 pioneers and popular with all who knew him during his stay in the plant Electromagnetic Research Division from the date of his arrival on December 28, 1943.

Continued on Page 4

Carbide Employees In Y-12 Take Camera Club Prizes

Herman Dickerson and A. A. Palko, Carbide employees in the Y-12 Plant Area, won second and third prize respectively in the photographic contest held September 8 by the Carbide Camera Club. First prize was captured by Bob Freestone of Oak Ridge National Laboratory. The pictures were on the subject of Oak Ridge scenes.

The next meeting of the club will be held in the organization's Y-12 headquarters in the East Portal building at 7:30 o'clock Tuesday night, October 13. A color slide contest on "Summer Activities" will be held. The annual salon meeting of the club will be held in November when contests will be held for both black and white prints and color slides on a variety of subjects.

Y-12 Fire Prevention Week Plan Is Aimed At Improving Standards

Number Of Fires For Eight Months Of 1953 Considerably Below Same Period Last Year

The Y-12 program for observance of Fire Prevention Week October 5-10 will have as its main objective the instruction of every Y-12er in ways and means of maintaining and improving the excellent fire prevention standards now in effect in the plant, according to Fire Dept. Chief W. O. Elam. To achieve this goal, the chief pointed out, refresher instruction in how to combat fires and how to eliminate fire hazards throughout the plant will be given during meetings in various divisions and departments.

So far in 1953 the number of fires in the plant are far below the number for the same period in 1952. As of August 31, 1953, there have been 53 fires of various kinds in the plant area as against 88 for the same time last year.

One Loss Alone \$25,000

The fire losses in Y-12 for this year total \$25,617.30 as against \$4,111.45 for the first eight months of last year. However, it is definitely pointed out that of the 1953 losses, one alone amounted to \$25,000 when a building was destroyed by fire caused by lightning and not through human error. With this \$25,000 off the record, the plant losses so far this year amount to only \$617.30, which is extremely low.

The number of fires and their causes in Y-12 to date this year include welding and cutting 12, electrical short circuit 10, cigarettes and matches five, sparks, overheated material and spontaneous combustion, four each; chemical and reaction, three each; lightning, open flames, flammable liquid spill, friction, electrical arc and hot plate, one each.

Demonstrations Planned

Chief Elam is planning to hold demonstrations before and during Fire Prevention Week on the proper use of fire extinguishers and other fire fighting equipment. These demonstrations will be booked on request of any department or division in the plant and will be staged on the Fire Department demonstration field between Fire Headquarters and the Cafeteria.

The Y-12 Plant is no more fire resistant than many other industrial plants that have suffered heavy damage through fires in the past and the same hazards exist here as in other plants. Fortunately, there have been few serious fires in the Y-12 Plant area. However, it is pointed out, fire prevention must be practiced here on a year around basis with no Y-12er becoming so complacent as to relax vigilance against conditions that might cause fires.

SAFETY SCOREBOARD

Your Plant Has Operated 46 Days

Without A Lost Time Accident

Through September 13

Y-12 Man To Speak At Testing Group Meet

New Inspection Method Will Be Described

R. E. Cofield, of the Y-12 Production Analytical Laboratory, will be the guest speaker for the Oak Ridge Chapter of the Society for Non-Destructive Testing meeting at 8 o'clock tomorrow night,



R. E. Cofield

Thursday, September 17, at the Oak Ridge Institute of Nuclear Studies, Room 20. Cofield's subject will be "An Investigation of Xeroradiography of Uranium with High Energy Sources."

This meeting will open the 1953-54 season for the group.

Cofield's lecture will be based on a relatively new method of inspection. Exposure conditions and operating techniques for xeroradiography of uranium test objects up to one inch in thickness have been developed in an investigation using both 1000 K.V. X-Ray and Cobalt-60 as sources. Exposures comparable to those of film radiography have produced xeroradiographs of one-inch uranium blocks with resolution and penetrometer sensitivity of two per cent.

All Y-12ers interested in the session are invited to attend and refreshments will be served following the meeting.

Seminar To Hear Report On Birmingham Conference

A report on "The Birmingham Conference" will be made to the Oak Ridge Physics Seminar at its regular weekly meeting set for Friday afternoon, September 18. The meeting will be held in the auditorium of Bldg. 4500 of the Oak Ridge National Laboratory at 3:15 p.m. The speaker will be W. M. Good, of ORNL. The report will be on proceedings at the recent meeting in Birmingham, England, of physicists and scientists from many different countries.

MAIN HAZARDS CITED

Three fire hazards accounted for more than one-third of the 600,000 building fires in the United States last year, according to the National Fire Protection Association. These were carelessness with matches and smoking, misuse of electricity and faulty wiring and appliances and defective heating equipment.

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Many Courses Offered In Education Program

Registration for the most ambitious program yet offered by the Oak Ridge Adult Education Program now is underway at the program headquarters in the high school building, according to A. C. Keller, Jr., director of the program and a former Y-12er. Enrollment opened on September 14 for the fall quarter and will last through September 24. Classes will begin September 21.

Information Available To Y-12ers

Booklets fully describing the various courses offered have been received by the Y-12 Training Department and will be distributed to divisions throughout the plant, where they are available to Y-12ers who are interested in furthering their education through the night classes.

The Oak Ridge Adult Education Program is a division of the Oak Ridge Schools, operated on a non-profit basis, being supported by enrollment fees. Certificates are presented to students satisfactorily completing general interest courses while diplomas are offered in some business courses.

Many Y-12ers Have Enrolled

Office hours of the program are 1 p.m. through 5 p.m. and 6:30 p.m. to 9 p.m., Mondays through Thursdays, and from 8:30 p.m. to 5 p.m. on Fridays. Registration may be made during these hours. Enrollment is open to any adult living in or near Oak Ridge and many Y-12ers have taken courses during the past several years.

The descriptive booklet outlines the wide variety of courses open and classes are formed on request of 10 or more persons. The general interest courses include arts and sciences, from music and dancing to mathematics, technical subjects and manual training work. High school and elementary classes also are offered, with subjects offered for high school credit being open to Korean veterans under governmental action.

Business Courses Offered

Numerous business courses also are available, including secretarial, stenographic, typing, business English, accounting and other subjects.

The Adult Education Program calendar includes four quarters of instruction, the fall quarter lasting 11 weeks, the winter and spring quarters 10 weeks each and the summer quarter eight weeks.

Carbide Wives Monthly Meeting Slated Tonight

The monthly meeting of the Carbide Wives will be held at 7:30 o'clock tonight, Wednesday, September 16. The theme of the meeting will be "Autumn" and the party will feature bridge, bingo and canasta. Refreshments will be served during the evening.

Mrs. W. B. Tyree, wife of a Y-12er, will be in charge of the party. Mrs. Helen Bunch will be chairman of the committee of hostesses, which include Mesdames Frank A. Gragg, wife of a Y-12er; A. T. Jago, L. H. Fulks, J. A. Agee and W. H. Platt.

All wives of Carbide employees are invited to attend the monthly meetings of the organization.



Now that it is getting late earlier—you Y-12 drivers are urged to slow down at sundown.

Congratulations are extended to **G. E. Berney**, of Field Maintenance, and Mrs. Berney, who are the proud parents of a baby girl born recently at St. Mary's Hospital in Knoxville . . . **R. F. Noah** plans to spend a part of his two-week vacation down Florida way.

Clifford Holt is vacationing at Myrtle Beach, S. C., for two weeks . . . **G. W. Tuck** is staying around home in Lenoir City during his two weeks off . . . **E. W. Greeley** plans to journey up to Michigan and Canada while off for two weeks . . . **G. W. Davidson** is spending his two weeks over in Morgan County squirrel hunting . . . **L. C. Nelson** and his family are up in Ohio this week visiting relatives . . . **W. R. Jones** is vacationing at home in Norris this week, enjoying a visit with his son who is home on leave from the Navy . . . **C. A. McKinney** is enjoying his week off at home in Knoxville . . . **Fred Marrow** and his wife spent the Labor Day week end down in Alabama—they went fishing in Mobile Bay, catching lots of mackerel—Mrs. Marrow came in the biggest haul—a 15-pound king mackerel . . . **A. P. Hooker** is vacationing this week.

The department welcomes **R. L. Henry, W. F. Gleason** and **S. W. Owen** to the roster . . . Get-well wishes are extended to **R. H. Buchanan**, who is a patient in the Oak Ridge Hospital.

C. H. Jarvis, of Utilities Maintenance, is visiting in Harlan and in Lynch, Ky., during the two weeks of vacation . . . **C. B. Langley** is spending this week in Oakdale . . . **R. C. Shelley** is spending his week off at home in Harriman.

H. F. Ballenger is visiting his brother this week at the University of Arkansas, and his mother in Fayetteville, Ark. On his return he is bringing his mother back with him for a visit in Oak Ridge.

Betty Heath, of Technical Information, spent the Labor Day week end at Natural Bridge, Va. . . **Dorothy Conner** spent the same week end with her mother in Chattanooga . . . **Jean Gasaway** visited her parents in Oneida on the Labor Day week end.

Noah Ensor, of Property, visited in North Carolina and in Erwin, Tenn., during a recent week of vacation.

Electrical Maintenance extends congratulations to **G. D. Treece**, who is the proud father of a 10-pound, two-ounce baby girl born September 5, at an Oliver Springs hospital . . . **C. B. Newman** and his family spent a recent two-week vacation in Ste. Marie, Canada. While up that way they made a trip to Manitoulin Island. . . Get-well wishes are extended to **L. R. Fisher**, who has been released from the Oak Ridge Hospital.

ADP Maintenance extends a welcome to **C. G. Moran, H. B. Floyd** and **J. S. Selby**, who have been added to the roster . . . The department welcomes **R. E. McKenzie** back to work after an illness . . . **W. F. Cooper** has returned from a week of vacation. He attended automobile races in South Carolina on Labor Day.

The Fire Department bids farewell to **Mary Ellen Taylor**, who terminated last Friday to go to Phoenix, Ariz., to live . . . **E. F. Greer, O. W. Doane** and **G. I. Davis** are on vacation this week. They can all be seen milling around over at the T.V.A. and I. Fair in Knoxville.

Folks over Knoxville way are setting their little hearts on having television ready by October 1. Huh, don't they know the heavy snow never flies until time for the

Tennessee - Kentucky football game.

The Timekeeping Department extends get-well wishes to **M. F. Moore**, who was a patient in the Oak Ridge Hospital last week . . . **W. A. Moles** vacationed last week at home in Oak Ridge . . . The folks in the department and their families had a picnic at Cove Lake Park on Labor Day—they enjoyed oodles of fried chicken and the afternoon's recreation.

A. Griffith, of Property Sales, traveled up to Indianapolis, Ind., during the recent week of vacation . . . **J. L. Stevison** visited in Chattanooga last week . . . **J. H. Douglas** has returned from a week of vacation . . . The department extends get-well wishes to **Sarah Frye**, who was ill last week, with the hope that she will be able to be back this week.

The Assay Laboratory welcomes **Elizabeth Hayes** and **Wilma Simmons** to the roster.

The Development Division extends wishes to **Joe Williams**, who remains ill in St. Mary's Hospital in Knoxville.

T. E. Hillard, Manufacturing Offices, took off last week in his new auto to West Tennessee to do some fishing and squirrel hunting . . . **Lucille Hatmaker** has returned from a week's vacation.

Charlie Hall, of the Mail Department, and his family along with his mother, **Mrs. Freda Hall**, of the Cafeteria, are planning a trip to Canada this week.

Ray Stewart, of Receiving and Shipping, is vacationing two weeks at "Cedar Bluff"—near Concord. . . **Roy Howard Stooksbury** is spending his time off at home in Clinton . . . **Polly Arnold** is taking life easy this week at home in Knoxville.

K. E. McCulley, of Salvage, tried out his new automobile on a recent week-end trip to Lookout Mountain in Chattanooga.

Ann McKnight, of Stores, and her husband are spending two weeks in Miami and in Key West, Fla.

Dr. Anne W. Robinson, of Medical, is on a two-week visit with relatives in Minnesota . . . **Mary Ellen Miller** is spending two weeks down Florida way.

K. M. Perkins, of Alloy, spent the Labor Day week end with his folks in Mt. Zion, Ga. He is now there on a two-week vacation . . . **Hugh Griffin**—a horse trainer in his spare time—attended the National Horse Show recently in Shelbyville, Tenn.

S. L. Ray, of the Guard Department, has returned from a recent vacation spent in North Carolina and in Atlanta, Ga. . . **C. B. Hillard, A. T. Barger** and **L. O. Campbell** are vacationing for two weeks. . . **W. W. Hammer** is on a week's vacation . . . The department wel-

comes **Sue Shults** back to work after an illness.

Martha Nelson, of the Laundry, and her husband, **J. W.**, of Transportation, are visiting in Mt. Vernon, Ky., and in Hamilton, Ohio, this week . . . **R. W. Malone** is enjoying a two-week vacation at home in Lenoir City . . . **John Tate** is spending his week off at home in Lenoir City . . . **Beulah Brown** is visiting in Tazewell, Tenn., this week . . . The department extends wishes for a speedy recovery to **J. B. Kendrick's** wife, who was a patient in the Oak Ridge Hospital last week.

Congratulations are in order for two of the Planning and Estimating Proud Papas. **Howard Hicks** has a nine-pound, six and one-half ounce boy born Saturday September 5, named Terry Lee . . . **Walter Simmons** has another ball player added to his family, an eight-pound, seven-ounce boy born September 9, at the Oak Ridge Hospital . . . **Jo Carter** and her husband, a former Y-12er now at ORNL, are vacationing down New Orleans way, with a stop in dear old Birmingham, Ala. . . **Ben Houser** and family spent some time last week in Aiken, S. C.

The Engineering and Maintenance Department welcomes **Jean Guinn** to the roster . . . The department wishes the best of luck to **Christine Oliphant**, who terminated recently . . . Also best wishes go to **Joan Peppers**, who has terminated and left for school in Berea, Ky.

George L. Howard, of Transportation, and his wife are spending this week in Florida.

Samuel L. Bryant, of Buildings and Grounds, his wife and son, Gerald, have returned from a visit with a daughter and son-in-law in Wyoming. They brought their daughter, Geraldine—twin sister to Gerald—who has been out there this summer, back in time to start to school . . . **J. C. Lawson** is vacationing this week.

Mollie Hatfield, of Safety, is vacationing at Hot Springs, Ark. . . **Clarence Johnson** and his wife, **Elizabeth**, Analytical Laboratory, spent last week visiting her folks in Mississippi.

T. R. Webber, of Maintenance Shops, his wife and mother-in-law spent last week in Clearwater, Fla., where they attended the regional softball tournament . . . **D. T. Cook** and family vacationed last week in Muncie, Ind. . . **Bob Loy** spent his week of vacation working on that new home over near Knoxville . . . **T. J. Jamerson** and family have returned from two weeks at Daytona Beach, Fla. . . **Jim Thorpe's** wife, Christine, flew out to Denver, Colo., to visit their daughter, and her mother . . . **Sam Shultz** vacationed at home in Clinton last week . . . **Fred Pugh** and family have returned from a recent week's visit in Gary, Ind. . . **O. H. Cunningham** spent two weeks with relatives in Mountain Home, Ark. . . **C. C. Hickey** spent last week's vacation around home in Clinton . . . **H. L. Gary's** wife and daughter are visiting in Oklahoma City,



The following Y-12 employees were patients in the Oak Ridge Hospital last week: **B. A. Cooper** and **Warren Tyree**, Maintenance Shops; **Wilmer McNair**, Alloy Division; **Arthur C. Wampler**, Utilities Maintenance; **Wesley C. Dunn**, Uranium Processing; **Glenn Slack**, Property Sales; **Elmer L. Soard**, ADP Maintenance; and **Ray H. Buchanan**, Field Maintenance.

Okla., two weeks . . . A welcome is extended to **N. L. Browder**, who is the latest addition to the roster . . . Get-well wishes are extended to the folks on the sick list, which includes **C. T. Oglesby**, **C. S. Patty**, **H. Meadows**, **T. J. Knudsen** and **W. L. Lowry**.

The Engineering Department extends congratulations to **Joe Kidd**, who is the proud papa of a seven-pound, two-ounce baby girl born September 9, at St. Mary's Hospital in Knoxville . . . **Floyd Downs** and his family vacationed in Miami, Fla., last week . . . **Barbara Mills** is vacationing in Gatlinburg this week . . . **Byron North** has returned from a week's vacation . . . The department welcomes **K. R. Norris** to its roster.

Jean Sharp, of Chemical, and her husband, **Ira**, of the Tool Department, have returned from a week of vacation in LaFollette . . . Congratulations go to **J. A. O'Barr**, who is the father of a baby girl born August 30, at St. Mary's Hospital in Knoxville.

Gosh, that ought to be enough for this time—s'long.

10 Years Service

Congratulations to the following Y-12ers who will complete 10 years of Company service within the next few days—

William H. Dodson, Research Services, September 17.

Ernest H. Hutson, Stores, September 17.

Clifford Herrell, Maintenance Shops, September 18.

William W. Watson, ADP Maintenance, September 18.

Mary M. Tackett, Cafeteria, September 20.

Ernest G. Vann, Maintenance Shops, September 20.

Blake F. Nicely, Utilities Maintenance, September 21.

Mary Emma Puckett, Stores, September 21.

Homer R. Gilliam, Steam Plant, September 23.



Congratulations to two Y-12ers who became parents of babies born recently at the Oak Ridge Hospital. They are—

Allen B. Townsend, SDA Development, boy, September 7.

Walter Simmons, Planning and Estimating, boy, September 10.

A guy who goes for the cup that cheers somewhat too much finally was cornered by his wife dreamily contemplating a slug of bourbon. Genially, he offered her a sip, but she gagged and spluttered, finally asking:

"How can you stand that horrible stuff?"

"See," says hubby, "and all the time you thought I was having a good time."

Doing a job is like shaving, the longer it is put off the harder it becomes.



THE CHOW LINE WAS POPULAR AT THE RECENT PICNIC of the Beryllium Shop of the Y-12 Maintenance Shops Department, held at Concord. Most of the folks were too busy collecting victuals to look at the birdie when the picture was made, but anyhow, from left in front are Mrs. J. W. Young, Mrs. R. M. Chapman, R. E. Monger, T. A. Keith, Mrs. Keith, Mrs. A. H. Coling, Mrs. J. H. Byrd and Mrs. H. J. Nelson. In the rear are J. H. Byrd, L. A. Michaels and W. J. Barker.

ALL-CARBIDE TOURNEY FOLLOWS Y-12 TEE PARTY

Y-12 SPORTS

UCJVs Win Softball Loop Championship

Plant Tourney Finds 49ers, ADP Battling

The Uranium Control Junior Varsity with Manager Fred Uffelmann at the helm climaxed a highly successful season this year as they clinched the Y-12 Plant Softball League championship by defeating the 49ers 5 to 1 at Jefferson Field last week. The UCJV team took two straight from the 49ers in their best two out of three playoff. The champions won the opening game by 19 to 10.

UCJVs Take Early Lead

The final game saw UCJV take on a four-run lead in the first inning and held on throughout the tussle. Charley Brooks led off the inning with a walk, Clyde Hopkins cracked out a single and Joe Smyrl got on via a fielders' choice. Ed Sise plunked Burkett Bailey with a pitch and Bill Belvin struck the big blow, a double into left and the damage was done. The rest of the game was evenly played with both pitchers mowing the hitters down one, two and three.

Edgar Hopper, UCJV pitcher, had the misfortune of getting a finger broken trying to latch onto a line drive. Bailey came in after the injury to Hopper and pitched brilliant ball the rest of the game. Sise got two hits to pace the losing 49ers. Belvin led the UCJV stickmen with two knocks.

Pace Setters Advance

In the Y-12 Plant Softball Tournament which is now in progress the 49ers and ADP are setting the pace. Each won two games last week and were scheduled to play against each other last night, Tuesday, September 15.

ADP clipped Plant Protection 9 to 5 and defeated the Engineers 8 to 1. In the Plant Protection game Ray Ellis struck out 11 men in a well pitched game. Manager Carl Frazier and A. Osborne got three hits each for the winners. Wright got a double and triple for Plant Protection. Ellis continued his pitching mastery over the Engineers, allowing only six hits in the other game of the week for the ADP lads.

Sise Hurls Two Fine Games

Manager Ralph Ford's 49ers won over Maintenance 12 to 1 and socked the Peons 14 to 2. Ed Sise pitched and won both games, hurling beautiful ball allowing Maintenance two hits while the Peons collected four. Frank Thurman blasted a home run for the 49ers in the Maintenance game. R. G. Marlar, 49er outfielder, got four straight hits against the Peons.

Two other tournament games saw the Engineers defeat the Colts

Pistol Team Drops Last Match Of Year

The Y-12 pistoleers dropped a close decision to the Oak Ridge National Laboratory sharpshooters last week at the Oak Ridge Sportsmen's Association range. This was the last match of the summer season for the Y-12ers.

The ORNL team outscored Y-12 by 1447.115 to 1439.501 handicap and 1310 to 1288 in scratch firing. The individual scoring for Y-12 in scratch firing were Garfield Huddleston 270, John Gallimore 262, P. H. Williams 258, J. C. Ezell 249 and C. G. Brewster 244. Handicap firing saw Gallimore lead the Y-12ers with 290.633 followed by Brewster 290.278; Williams 287.669; T. J. Bush 285.609 and Ezell 285.312.

Flirtation—attention with inattention.

ABC Honors Hart For High Ridge Score

Len Hart, one of the outstanding bowlers in Y-12 and all of Oak Ridge, recently was honored with an award from the American Bowling Congress. The prize was a handsome belt buckle presented by the ABC to Hart for having posted the highest scratch series in competition during the 1952-1953 season. This high score was 679 posted by Hart while rolling for the Rippers team in the B League of plant keglers last season. The Y-12er also was an outstanding bowler for the plant varsity team in the Oak Ridge City League last season as it swept to the championship of that loop.



Len Hart
by Hart while rolling for the Rippers team in the B League of plant keglers last season. The Y-12er also was an outstanding bowler for the plant varsity team in the Oak Ridge City League last season as it swept to the championship of that loop.

Swingsters, All Stars Tied In B League

The Swingsters and All Stars swung to the top of the B League standings last week in the second night of bowling, the former team taking three from the Bumpers and the Stars splitting with the Rippers. The Has Beens hopped far up the ladder to threaten the leaders as they blanked the Wasps for four points and the Rebels gave the Wolves a similar dose of defeat. The Tigers took three and one-half points from ADP and Bldg. 9211 clawed the Cubs for three.

Individual and team scoring picked up last week, all figures posted being high for the season. Len Hart, Rippers, rolled a 213 scratch game and 576 scratch series. M. Cobble, ADP, had a 257 for best handicap game while Kenneth Valentine's 646 was the high handicap series. The Rippers took most of the team honors with a 906 game, boosted to 1054 with handicap, and 2526 scratch series. The 2982 handicap series of the Has Beens also was tops.

League standing follows:

Team	W	L
Swingsters	6	2
All Stars	6	2
Has Beens	5 1/2	2 1/2
Bumpers	5	3
Cubs	5	3
Rebels	5	3
Tigers	4 1/2	3 1/2
Wasps	3	5
Bldg. 9211	3	5
Wolves	2 1/2	5 1/2
Rippers	2	6
ADP	1 1/2	7 1/2

7 to 2 and the Peons eliminate Plant Protection with a 15 to 3 win.

Line score of the final playoff game follows:

Team	R	H	E
UCJV	400	001	0-5 4 3
49ers	000	001	0-1 5 1

Hopper and Hopkins. Sise and Dodson.

Line scores of tournament games follow:

Team	R	H	E
49ers	605	030	0-14 16 2
Peons	000	200	0-2 4 3

Sise and Dodson. Law and Gallimore.

ADP	003	150	0-9 9 1
P. P'tion	000	320	0-5 8 1

Ellis and Frazier. Wilson and Edgemond.

Engineers	202	120	0-7 5 4
Colts	100	100	0-2 4 5

Boxley and Stanfel. Burnett and Haggard.

Maintenance	000	000	1-1 2 8
49ers	317	010	x-12 12 2

Walton and Horn. Sise and Dodson.

P. P'tion	010	110	0-3 5 0
Peons	001	410	0-x-15 14 2

DeMarcus and Davis. Law and Gallimore.

Engineers	000	001	0-1 6 2
ADP	000	305	0-8 8 1

Boxley and Stanfel. Ellis and Lambdin.

Today Is Deadline To Enter Plant Event; First Matches Scheduled For Saturday

Company Competition Entry List Will Close September 23, Play Will Open On October 7

Y-12 Plant golfers will no sooner wind up their own domestic golf tournament than they will be out for bigger game in the All-Carbide tournament for players from all three Company installations in Oak Ridge, dates for which were announced last week. The All-Carbide event is being resumed by popular demand after not being staged last year, and the event is expected to draw a record entry list from Y-12, K-25 and the Oak Ridge National Laboratory seeking the handsome trophies to be offered.

The deadline for entering the Y-12 Plant Golf Tournament is today, Wednesday, September 16. This applies to plant golfers who are entering the event on their averages for the year in the Plant Golf League. A number of players took advantage of the opportunity to play qualifying rounds Sunday to improve their standing in the various flights and also to compete for the handicap medalist trophy being offered.

Finals Set September 27

In the plant tournament, first round matches will be scheduled for Saturday, September 19, beginning at 8 a.m. Second round matches will be scheduled for the same hour Sunday at the Oak Ridge Golf and Country Club, but may be played by mutual agreement some other time during the week. However, they must be finished by Friday, September 25. Semi-final matches should be completed on Saturday, September 26, with the finals the next day, Sunday, September 27.

Tournament play in the Y-12 event will be divided into divisions of 16 players each with as many divisions as necessary to determine flight positions. Winners in the first division will compose the championship flight and losers the first flight. All matches are to be for 18 holes.

Scores To Accompany Entries

Entries for the All-Carbide Tournament must be in the hands of the Recreation Supervisors of Y-12, K-25 and ORNL not later than noon, Wednesday, September 23, accompanied by qualifying scores or averages.

Golfers who participated in league play at either Y-12, K-25 or ORNL may use their league averages provided they have played a minimum of 18 holes. Those not having played in leagues can qualify by playing 18 holes at the Oak Ridge course and turning in a certified score card with their entry blank. Flight set-ups will be determined by league averages or qualifying rounds and the Recreation Supervisors will, as far as possible, match players from different installations for competition. Tournament play will be for either nine or 18 holes and may be staged on any course by agreement of the contestants.

First round matches in the All-Carbide event must be completed by October 7, second round tilts by October 14 and the finals by October 21.

Varsity Keglerettes Trounce MSI Lassies

The Y-12 varsity keglerettes swept three points from the Management Service lassies last week in Oak Ridge Women's City Bowling League action to achieve a five and three record for the young season, holding fourth place

Mixed Bowling Loop For Y-12ers Planned

Plans for formation of a mixed bowling league composed of teams of two women and two men each have been launched by the Y-12 Recreation Office after considerable interest in such a circuit had been expressed by men and women bowlers of the plant. Attention was turned to such a league when an insufficient number of women bowlers were found to form a feminine league for the season.

The Recreation Office hopes to have this league open as soon as possible as the usual date for opening of bowling seasons has been reached. All plant bowlers, men and women, wishing to form teams and enter the proposed loop are asked to communicate at once with the Recreation Office, North Portal, telephone 7753. Some teams already have been formed and are ready for action.

Bowling space has been reserved at the Central Alleys at 8:15 p.m. every Tuesday. With teams of four persons operating, time for competition will be reduced considerably, allowing bowlers to reach home earlier than for participants on five-person teams.

C Loop Opens With Low Scoring

The C League of plant keglers finally got underway last week with whitewash wins being posted by three teams and a three-point margin being scored by another. The Glass Arms blanked the Can't Hooks, the Rusty Five shut out the Uranium Control Junior Varsity and the Hornets stung the Hooks. The Srew Balls took three points from the Wash Ups.

Scoring was low in the opening night of alley activities, as the top scratch single games tally was only 180, posted by Thompson, of the Rusty Five. His teammate, Harold Ratjen, had the best series scores of the night with a 584 scratch, boosted to 774 with handicap. Schaefer, of the Hornets, had a 288 handicap single game for tops in that bracket.

Officers elected to serve the circuit during the season were E. B. Galloway, president; Otis Rackley, vice president, and Bill Stanton, secretary-treasurer.

League standing follows:

Team	W	L
Glass Arms	4	0
Rusty Five	4	0
Hornets	4	0
Srew Balls	3	1
Wash Ups	1	3
UCJV	0	4
Can't Hooks	0	4
Hooks	0	4

in the circuit. The Y-12 team took two games and total pinnage with scores of 719, 685, 734-2139 to 666, 690, 720-2076 for MSI.

Juanita Pitt led the Y-12ers with a 483 series, composed of games of 177, 176 and 140. Following were Ruby O'Kain 140, 142, 168-450; Mavis Koons 123, 133, 179-437; Betty Whitehorn 132, 133, 125-390; and Dot Parks 145, 101, 132-378.

Ricker's and Norris Creamery are tied for the league lead with seven wins and no losses, followed by Cas Walker with six and two.



MORE DEPREDATIONS OF Y-12ers on the fish of the Gulf of Mexico off Clearwater, Fla., are shown above. It's E. C. Kimbro, of Electrical Maintenance, his wife and son pictured with just some of the big grouper they took on a recent angling jaunt.

Last Fishing Rodeo Slated This Week

Only nine more days remain for all Y-12ers interested in the last fishing rodeo of the year to purchase tickets for the event, which will begin midnight, Friday, September 18, and will run through midnight Sunday, October 18.

First, second and third prizes will be given in all eligible species of fish. Each contestant must be an employee at Y-12 or a member of his or her immediate family. No contestant may receive more



than one award in any one division. Weight shall determine the winners and in case of ties length and girth shall be used in determining the winners. All money received from entry fees will be used for prizes.

Tickets for the rodeo may be purchased from R. S. Phillippi, Bldg. 9212, telephone 7204; Avery Kendig, Bldg. 9201-2, telephone 7539; Nelson Tibbatts, Bldg. 9739, telephone 7143; Evan Means, Bldg. 9733, telephone 7731; Russell Hopper, Bldg. 9709, telephone 7549; H. L. Pace, Property Sales in Elza Warehouse; and at the Recreation Office, North Portal, telephone 7753.

Rippers Win Plant Golf Championship

The rampaging Rippers won the playoff championship of the Y-12 Plant Golf League last week by amassing a total score of 41 points, followed by the Plugs with 38 1/2, Hooks 30 and Gophers 28 1/2. "Paddy" Peckman led the Rippers with 16 points followed by Jake Burchfield with 13 1/2, Jack Spears 9 1/2 and Jay Holzkecht one.

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War Orphan Will Be Adopted By Y-12 Man

Continued from Page 1
 in a German bombing in 1944, Ronald has been living with relatives in Luxembourg, including an uncle and some cousins. A discussion between Bailey and the youth's European relatives and Bailey's own brothers and sisters in this country resulted in the decision that the Y-12er would adopt the youngster and become responsible for his becoming an American. The mother of the youth was French and the father German.

Youth Speaks Some English

On his visit to Luxembourg, Bailey said he was informed by Ronald's teacher that the youth was extremely intelligent, spoke some English and also was musically inclined. Ronald also was quoted by his cousin as being thrilled over the opportunity to come to this country.

Bailey lives with an aunt at 236 11th St., Knoxville, where Ronald will make his new home. The youngster will not start his American schooling immediately, the Y-12er said, but will wait until he has learned more of the English language so as to keep pace with classmates in whatever school he enters.

Iceland Lives Up To Name

Bailey travelled by airplane both ways from the United States to Europe on his recent trip, making the trip from New York to Paris and return. That part of the journey was uneventful, he recalls, with the exception of a forced layover in Iceland on the return trip because of motor trouble. The little island in the Arctic lived up to its name, Bailey said, the weather being exceptionally chilly even in August during the stay of several hours.

While in Europe Bailey visited Luxembourg to see his young cousin, and also toured France, Holland, Belgium and Switzerland. Of all the European countries he saw, Switzerland was by far his favorite nation, being a "small America" with all modern conveniences and a forward way of living.

Served In World War II

Bailey served in Europe for two years and two months during World War II, being with an intelligence reconnaissance group in the Eighth Infantry Division and seeing considerable action. It was during that service that he made his first check on the whereabouts of young Lecoutre.

A native of Indiana, his birthplace being Terre Haute, Bailey came to Tennessee while a youth of 14 when his family settled in Cumberland County. After his high school training in that county, he attended the University of Tennessee School of Education and later taught in Cumberland County schools. He came to work in Y-12 on April 18, 1951.

STRUCTURAL FIRE HAZARDS

Structural fire hazards account for half of all the home fires, according to the National Fire Protection Association. These include defective chimneys and heating systems, flammable roofs and electrical defects.

Cooper Can't Win; Wife Captures Fish, Wisecrack Contests



Mrs. Carl Cooper And Prey

Just back from Florida and bearing more sagas of Gulf of Mexico fishing is another Y-12 couple, Carl A. Cooper, of Wage Standards, and his wife, Mrs. Pearl Cooper. This time, however, it was the distaff side of the family that did the bulk of the fishing—winning first and second cash prizes in a fishing rodeo off Treasure Island, Fla., and generally hogging the spotlight.

The Coopers were staying at the Treasure Trove Cottages, operated on Treasure Island, south of Sarasota, by W. H. Haase, Sr., a former Y-12er, when they decided to take a Gulf fishing trip that took them 17 miles from shore. When the score in the rodeo was counted Mrs. Cooper had first prize with a black grouper weighing 14½ pounds and 32 inches long. The second prize also went to the wife of the Y-12er with a red grouper that pulled the scales down 12½ pounds and was 28 inches long. They both were caught on 40-pound lines.

The fishing party included Haase, Elmer Green, of Y-12, and members of his family and other Y-12 employees vacationing in Florida.

According to her husband, he admits it, Mrs. Cooper also had much the better of a repartee exchange. Cooper declares that when she hooked her first prize winning grouper his wife turned and pleaded for help. He replied: "You didn't need any help when you hooked me."

"That's right, but you were a sucker," was her rejoinder.

Proud of his wife's achievement, Cooper determined to bring back evidence of her prowess. He says he was informed by the fishing boat's captain that it would cost about \$10 for the job—but not until later when the bill was presented for \$30, at the rate of \$10 per foot—and not per fish.

FIRE LOSSES MOUNTING

The National Fire Protection Association reports that a fire loss of slightly more than \$400,000,000 in 1943 grew to more than \$896,000,000 in 1952 throughout the country.

It takes a real man to disagree without being disagreeable.

Y-12er President Of Anderson County Sportsmen's Club Staging Fishing Rodeo Enjoyed By 200 Youngsters; Winners Get Prizes

Lots of fun—and training—for lots of kids was the goal achieved by the recent Anderson County Sportsmen's Club fishing rodeo for youngsters staged at a pond in Wolfe Valley near Clinton. About 200 children up to the age of 12 years took part in the rodeo with the top winners being awarded complete fishing outfits through the auspices of Better Fishing, Inc., of Chicago, a non-profit organization dedicated to increasing interest of youngsters in fishing.

The president of the Anderson County Sportsmen's Club that arranged the excellent program for the young anglers is Forrest Clark, of the Y-12 Analytical Laboratory, one of the plant's most enthusiastic sportsmen who also is interested in any project for the entertainment and education of the small fry of the community.

Clark and many other Y-12ers and their children attended the fishing rodeo as spectators and participants. Among the Y-12ers attending and helping to stage the event were H. D. Whitehead, Development; A. B. Townsend, SDA Development; R. S. Phillippi, 9212 Operations Division; J. S. McGhee, Field Maintenance; C. H. Noe, Field Maintenance; C. M. Denny, Product Processing; Frank Fuis, Chemical and Industrial Engineering; A. S. Preston, Electrical Engineering; Leo F. Hemphill, Mechanical Engineering; and William A. Pfeiler, Uranium Processing.

In addition to the top four prizes, every young contestant in the rodeo was awarded a prize of a fishing plug, lure or 25 feet of fishing line. The youngsters caught about 50 fish during the afternoon, mostly blue gill.

The Anderson County Sportsmen's Club plans to make the fishing rodeo for children an annual affair—if the youngsters want it.



WINNERS AND SPONSORS OF THE CHILDREN'S fishing Rodeo staged recently by the Anderson County Sportsmen's Club are shown above. The first prize winners, in front, are Bill Sidner, Richard Ryon, David Heck, all of Oak Ridge; and Doris Ann Goins, of Clinton. In rear are Whitman Slover, Clinton, chairman of fish committee of the club; Mark Norman, Clinton, chairman prize committee; and Forrest Clark, of Y-12, president of the club.

Attendance Record

MAJOR LEAGUE			
Dept.	More Than 50 Employees Scheduled		Standing
	Absent	9-6-53	
2002	0.0	1	4
2008	0.3	2	18
2618	1.1	3	17
2216	1.3	4	14
2060	1.4	5	2
2015	1.5	6	15
2018	1.6	7	12
2690	1.7	8	5
2091	1.9	9	6
2142	2.07	10	3
2108	2.08	11	7
2026	2.3	12	10
2257	2.4	13	9
2003	2.6	14	16
2077	2.9	15	12
2005	3.9	16	1
2619	4.0	17	19
2617	4.6	18	11
2252	4.9	19	8
2014	5.3	20	20
2001	5.4	21	21

Group absentee percentage was 2.6 per cent, .1 per cent lower than the preceding week.

MINOR LEAGUE			
Dept.	15-49 Employees Scheduled		Standing
	Absent	9-6-53	
2301	0.0	1	1
2144	0.0	1	3
2743	0.0	1	8
2090	0.6	4	5
2093	0.8	5	6
2140	1.0	6	7
2046	2.2	7	1
2200	3.0	8	9
2145	3.7	9	10
2107	4.9	10	11
2143	7.5	11	4
2096	8.3	12	12
2094	11.1	13	13

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

The plant average for the week ending September 6 was 2.7 per cent, remaining the same as the preceding week.

Piloting Classes Registration Set

Registration for the fall piloting classes to be conducted by the Oak Ridge Power Squadron will be held at 7:30 o'clock Thursday night, September 24, in Room A-129, Oak Ridge High School. The course is sponsored by the Oak Ridge Adult Education Program and is free to Y-12ers and others interested in learning the fundamentals of piloting small boats.

The course consists of 10 lectures and among the instructors are G. A. Angele, of the Y-12 Engineering Department and past commander of the squadron; W. C. Tunnell, George Lockhart, George Banic and R. S. Ware, all Carbide employees in the Y-12 Plant area.

Former Y-12er To Aid Run School Reactor

Continued from Page 1
 to his departure in 1950. During his early days he was prominent in development of the Beta Process in the plant.

First To Get Ph.D. Degree

While in Y-12 he studied in graduate courses at the University of Tennessee and on August 25, 1950, became the first person to receive a Doctor of Philosophy Degree in physics in the history of the university.

Born in Lincoln, Neb., February 14, 1920, he received his Bachelor's and Master's degrees in physics at the University of Nebraska while at that institution from 1931-1936. He also was a Phi Beta Kappa student at Nebraska. He later took more graduate work in physics at the University of California in 1941 before joining the University of California Radiation Laboratory in 1942, where he remained until coming to Y-12 in 1943.

Reactor Owned By University

The "Raleigh Research Reactor" of North Carolina State is housed in a building on the campus completed in May, 1953. Designed and built entirely with University of North Carolina funds, the project is owned by the institution. One of its major purposes will be to supply reactor experience to undergraduate and graduate students in nuclear engineering. The Carolina reactor is the first to be built by an educational institution, but now several other institutions have proposed similar projects, which are under consideration by the AEC.

Varsity Golf Team Captures SML Title

The Y-12 varsity golf team wrapped up the Smoky Mountain Golf League championship by defeating the Tennessee Valley Authority 17½ to 6½ at the Oak Ridge Golf and Country Club last week. This is the third consecutive championship for the Y-12ers and it gives Y-12 permanent possession of the huge Smoky Mountain League trophy.

Carl Dorr was the low man for Y-12 in the TVA match with a 74. Dorr was followed by Burchfield with a 77, Hines 79, Tiller 79, Bauman 80, Saylor 83, Reynolds 86 and Spears 87.

Rides Wanted, Offered

Want To Form Or Join Car Pool—From vicinity of Pennsylvania and Utah Aves., Oak Ridge, to Y-12 North Portal, straight day. F. C. Zapp, plant telephone 7577, home telephone 5-6968.

Ride Wanted Or Will Join Car Pool—From vicinity Ebenezer Road and Lake Shore Drive, Concord section of Knox County, straight day. W. J. Wanamaker, plant telephone 7351.

Four Riders Wanted—From Florida and Georgia Aves., Oak Ridge, to North Portal, straight day. T. L. Ferguson, home telephone 5-8164, Oak Ridge.

Riders Wanted Or Will Join Car Pool—From Fountain City or Inskip to North or East Portal, straight day. R. K. Holbert, plant telephone 7552.

Ride Wanted—From Norwood section, Knoxville-Clinton Pike, to East Portal, straight day. C. M. Wilson, plant telephone 7965, home telephone 6-3086, Knoxville.

Ride Wanted—From Old Clinton Highway, Knox County, or vicinity Airplane Service Station or Schaad Road, to West Portal, straight day. Elmer Nickle, plant telephone 7740, home telephone, Dial 116 in Knoxville and ask for county operator, then Ext. 4113.

Big Blast Conditions Said Made By Atomic Machines

According to news stories of a recent meeting of the American Physical Society in Washington, Dr. Thomas A. Johnson, former Atomic Energy Commission research director, said that atomic machines at the Brookhaven National Laboratory and three major universities have produced under controlled conditions and on a laboratory scale the same reactions that are involved in the large scale release of energy in fission and thermonuclear devices. The talk set off speculation that the AEC actually has devices in the H-bomb line, presumably crude models, that release atomic energy on a large scale.

FIRES KILL 12,535

Death by fire hit a new peak in 1952. The National Fire Protection Association reports that 12,535 died during the year. The toll in the last decade now tops 100,000.