

Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 42

5-9907

OAK RIDGE, TENNESSEE

5-9908

Wednesday, November 2, 1949



Y-12ers Reach Two-Thirds Mark In Chest Drive

Complete success in the Y-12 campaign to aid the Oak Ridge Community Chest put over its appeal for \$46,085.22 to care for its red feather agencies during the coming 12 months was indicated Monday after only three days of action. A complete audit of contributions in Y-12 was not available at press time of The Y-12 Bulletin Monday, but members of the plant committee in charge of the Chest drive in Y-12 declared that the flood of pledge cards received indicated that about two-thirds of the total goal set for the plant had been reached.

The drive did not get under way until last Wednesday, but in the last three days of the week members of the plant committee and supervisors, who had direct charge of the campaign in their various departments, efficiently canvassed practically every employee in Y-12. Response Is Gratifying

The response to the 1949 Chest appeal by Y-12ers was exceedingly gratifying to all members of the plant committee as department after department fell into line.

No one department can be picked out as No. 1 in completing the drive among its personnel, as the well-known generosity of Y-12ers seemed to extend to all corners of the plant the moment pledge cards were distributed.

"The drive is going along very well in the plant," said H. O. Ramey, co-chairman of the plant committee in charge of the campaign, "and there is no doubt in the minds of the committee that we will easily reach our goal."

Dr. C. E. Larson Y-12 Superintendent is chairman of the plant committee. Other members include R. R. Tippy, Manufacturing Offices, who is being assisted by Bruce Whitaker and W. C. Davis; Paschal Hamrick, Industrial Relations; J. C. Little, Engineering; W. S. Herron, Chemical; Nelson Tibbatts, Maintenance; K. O. Johnson, Chemical Research; James Keeton, Isotope Research and Production; and L. E. Parsons, Research and Development. Deductions May Be Made

For the information of the few Y-12 employees who have not been contacted in the campaign, contributions may be made either by cash payments or payroll deductions. If the deduction method is desired, they may be made through the months of November and December.

The Oak Ridge Community Chest drive is officially scheduled to last for two weeks, but the Y-12 committeemen are confident that as far as this plant is concerned the goal will be reached by the end of this week with Y-12 again going over the top. When all the Y-12 returns were in last year the plant had exceeded its quota by about 37 per cent.

Employees May Enroll In Carbide Insurance Plan During November

Employees of Y-12 who are not now participating in the Carbide and Carbon Chemicals Corporation Insurance Plan may enroll in the life, sickness and accident plan during the month of November.

Here are the conditions covering enrollment in the plan:

1. The employees eligible to subscription during the month of November include all who have been employed more than 31 days after having completed three months of Company service and who did not elect to apply for group insurance when they were previously eligible.

2. No physical examination or statement of health will be required.

3. The insurance taken out by employees during this period will become effective for each applicant on the date the enrollment card is signed, if the employee is actively at work on that date, otherwise the insurance will become effective on the first day on which the applicant returns to work.

Company, Employees Share Cost

The Carbide Insurance Plan offers group insurance to all Company employees through cooperation between the employees and the Company. The employees pay part of the cost and the Company pays part of the premium cost as well as the necessary expenses of the administration of the plan.

Through participation in the Carbide Insurance Plan employees may provide a substantial sum for survivors in case of death. The plan also provides an income during any period of disability caused by sickness or accident on or off the job, in accordance with terms of the contract. Also contained in

(Continued On Page 3)

Major League Group Has 'All Present'

It is rare that a Y-12 department in the Major League of more than 50 employees reports a perfect attendance record for an entire week, but that is just what Dept. 2077, Electrical Maintenance, did for the week ending October 23 to hold undisputed possession of first place in the attendance standings for that week. Incidentally, it was the second straight week on top for Electrical Maintenance, which had an absentee mark of only .3 per cent for the preceding week.

Second, Third Places Unchanged

The second and third place departments in the Major League also held their positions for the week ending October 23 from the preceding week. For the last reporting period Dept. 2616, Product Chemical, was in second place with .9 per cent of its personnel absent and Dept. 2091, Guard Department, retained third place with an absentee record of 1.2 per cent.

In the Minor League composed of departments with from 15 to 49 employees scheduled, nine departments reported "all present" for the week ending October 23.

(Continued On Page 3)



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Y-12 Photos By Vince Moore HOW Y-12ERS CHEERFULLY OPENED THEIR HEARTS to the 1949 Oak Ridge Community Chest campaign is shown in these pictures. At left above a group of Maintenance Division folks include Sue Holiday, Fred Pugh, Grace Tremel, Ed Johnson, Virginia Ogg and Willie Minge. The right top picture shows several Bldg. 9212 people "opening the gate" to the Chest. They are Garnette Adams, J. O. Loggins, C. R. Roberts, Mildred Spoon and Eunice Jones. Employees in Bldg. 9733-4 are preparing to sign pledge cards for the Chest in the lower picture. Standing are Jim Charles, Clarence Riggs, Emil Ditman and Dow Brown while seated are Chick Burnette, Catherine Love and Elizabeth Patrick.

Y-12 Draws Praise For Handling Information Meet Arrangements

With compliments from the many visitors freely bestowed over the smoothness and efficiency of arrangements and program, Y-12 can well be proud of its part as host for the Atomic Energy Commission Information Meeting held Monday, Tuesday and Wednesday, October 17, 18, and 19. The meeting was the largest gathering of its kind of scientists ever held in Oak Ridge.

UN SEEN SOLE HOPE

Brig. Gen. Carlos P. Romulo, of the Philippines, president of the United Nations, declares that the United Nations is the sole hope for accord on international control of atomic energy, according to the New York Herald Tribune.

The Information Meeting here was sponsored by the three Oak Ridge installations of Carbide and Carbon Chemicals Corporation, the Oak Ridge Institute of Nuclear Studies and the NEPA Project of Fairchild Engine and Airplane Corporation. The Y-12 plant was selected for the meetings because of its central location and facilities.

With 280 registered visitors from various installations of the AEC throughout the country, AEC contractors and military establishments augmented by Oak Ridge scientists the total attendance at the various sessions neared 500, committeemen in charge of the meeting declared. Sessions were held in three different locations in Y-12 and most of the delegates took their meals in the Y-12 cafeteria, including the main dinner meeting of the event. More than 50 organizations were represented at the sessions.

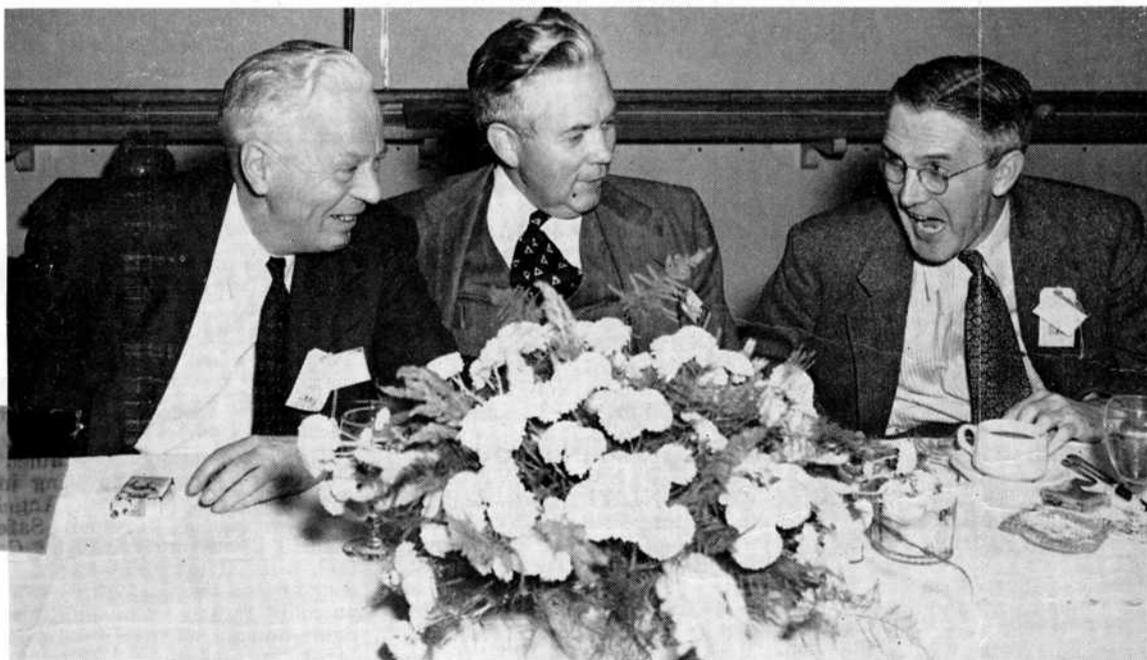
Smyth's Address Is Feature

The high point of the three-day (Continued On Page 3)

New Hours Of Operation Announced For West Portal

An important change in hours for operation of the pedestrian gate at the Y-12 West Portal, effective at 11 o'clock Friday night, November 4, have been announced.

After that date the pedestrian gate will be open daily only from 6:30 a.m. to 8:15 a.m., 2:45 p.m. to 3:15 p.m., 4:30 p.m. to 4:45 p.m. and 10:30 p.m. to 11:15 p.m.



5-9992

Y-12 Photos By Vince Moore

"HAVE YOU HEARD THIS ONE?" APPARENTLY IS THE THEME OF THE CONVERSATION between Atomic Energy Commissioner Henry D. Smyth, right; AEC Commissioner Sumner T. Pike, left, and Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation; at the dinner session of the AEC Information Meeting in Y-12 last Tuesday night. Commissioner Smyth was the principal speaker at the meeting and was introduced by Dr. Felbeck.

SAFETY SCOREBOARD

Your Plant Has
Operated
131 DAYS
Without A Lost Time
Accident
THROUGH OCT. 30

Y-12 Bulletin

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New Instrument Lab Is Planned At ORNL

Construction of a new instrument laboratory at the Oak Ridge National Laboratory will be one of the first major steps in the new \$19,000,000 construction program for ORNL, it has been announced by the Atomic Energy Commission. Bids for construction of this building, which will have a floor space of 23,470 square feet, will be invited about November 1 and opened on December 15 and 150 days allowed for completion of the work after a contract is awarded.

Separate From Big Expansion

The ORNL construction projects are separate items from the multi-million dollar expansion program recently announced by the AEC for Oak Ridge. The entire construction and improvement program will cover a period of about two and one-half years. Of the total amount to be expended, more than \$10,000,000 will be for new research facilities and about \$2,000,000 for renovation of existing facilities with the remainder to be used for liquid waste disposal, utilities, yard work and service facilities.

The AEC has announced that between February and April of next year bids will be sought for construction of a new research building and isotope research building and semi-works, with roads, walks and ground improvements, new portals and conversion of steam plant buildings for natural gas firing. Other work to be let later next year includes waste disposal facilities, new change house for employees, filter facilities for the new research area and other projects in the improvement program.

Will House Visiting Personnel

The new research building will house the chemistry, technical and physics divisions as well as the ORNL administrative group and parts of the service divisions. It also will provide space for research and technical personnel assigned to the laboratory from other agencies and research institutions. It will have an area of about 139,000 square feet.

Since 1946 under the laboratory improvement program there has been constructed a radioisotope production facility just completed, research shop, health physics building, metallurgical laboratory, steam plant, water reservoir and pipe line and an electrical substation.

Carbide Wives Set Party For Friday

The Carbide Wives will hold a buffet card party at the Oak Terrace dining room from 7 p.m. until midnight Friday, November 4, it has been announced. All wives of Y-12 employees are cordially invited to the affair at which bridge and rummy will be played and table prizes awarded.



The following Y-12 employees were patients at the Oak Ridge Hospital recently: Towns S. Curtis, Stores; Harold C. McCurdy, Electromagnetic Research Laboratory; Jeanne Z. Brownfield, Isotope Research and Production.



Folks down in the Product Chemical Department do seem to get around. . . Paul Pennington and family were among many Y-12 ers paying autumnal visits to the Great Smoky Mountains. . . Recent out-of-state travelers include Sally Wilder, who visited in Lafayette, Ga., and Woodrow Wiggington and Mrs. Wiggington, who will be remembered as a former employee here, who journeyed to Corinth, Miss. . . Others venturing not too far from home were G. I. Miller and family and Bessie Phillips and family with Chattanooga and Lenoir City, respectively, as their destinations. . . Returning from vacations spent at their Tennessee homes are A. M. Jones, Cookeville; W. H. Hoose, Crossville; and Fred Hawk, Lenoir City. . . Rella Murr is spending her vacation this week at her home in Loudon. . . Richard Butler is visiting his brother in Detroit, Mich., while on vacation.

Chemical Research reports that Jean Rogers was among the spectators at the Michigan-Minnesota game at Ann Arbor a week ago last Saturday, seeing the game while visiting her parents at Pontiac, Mich. . . H. M. McLeod is back after a vacation spent partly in Alabama and partly in Oak Ridge. . . Don Phillips spent a one-week vacation just loafing and fishing around Oak Ridge. . . D. A. Lee has had as guests his parents, of Pelican Rapids, Minn. . . The department is extending get well wishes to the wife of E. J. Greeley, who is ill in the Oak Ridge Hospital. . . Mildred Swan, her husband and brother and his wife spent a recent week visiting the Swan's daughter in Natchez, Miss., and making a stop in Birmingham to attend the Alabama State Fair.

T. S. Curtis, Stores Department, is receiving get well wishes from fellow employees. He is in Oak Ridge Hospital. . . E. H. Hudson and folks spent a vacation with his daughter in Columbus, Ga. . . Mrs. Roland Tillman, of Louisville, and Mrs. Edgar Thompson, of Shelbyville, Ky., were recent guests of their sister, Emma Puckett. . . D. E. Ferguson spent a recent week end down at Jackson, Tenn., and got his hunting dope sort of mixed. He went out after a coon and came back with a possum. Eva Russell is recovering from a broken collar bone at her home in Whitesburg, Tenn., and the department is sending her get well wishes. . . J. D. Hayes has his mother from Gracey, Ky., as guest for two weeks.

T. D. Doyle, of the Tool Department, had as a recent guest his brother, Jesse Doyle, of Belleville, Ill., who won fame as a big league baseball pitcher some time ago with the New York Yankees, St. Louis Browns and Detroit Tigers. He began his diamond career in his home town of Knoxville.

Isotope Research and Production reports O. B. Rudolph is recovering at home following an operation at the Baptist Hospital in Knoxville. . . Betty Pope is welcomed into the department. . . Bill Ward and family visited Mrs. Ward's parents in Lincoln, Neb., during his recent vacation. . . C. F. Harrison and Mrs. Harrison are the proud parents of a baby girl born October 26 at the Oak Ridge Hospital. . . Those avid football fans, Fred Kappellmann and Joe Waldrop (probably accompanied by other Y-12ers not listed last Friday) motored over the mountains to see the Tennessee-North Carolina football game last Saturday. They really were whooping it up for the Vols on their return Monday.

John Orr, Electrical Maintenance, went bear hunting over in North Carolina hills while on a recent vacation and his party bagged three bruins. . . Clyde Dalton spent his vacation profitably fixing up his home at Norris.

With the weather outside (last Friday, that was) not fittin' for man nor beast, Maintenance Division reporters informed that Elmer Green, Nelson Tibbatts and C. B. Hopkins went fishing recently. The reporter says that Tibbatts caught his limit, the usual one fish, so if Nelson wants to sue for libel,



5-9904
SEVERAL MEMBERS OF Y-12 FAMILIES WERE AMONG THE GUESTS AT A MISCELLANEOUS shower given by Mrs. Marie Fields and Mrs. E. E. Fox for Miss Mary Farris, step-daughter of N. B. Foust, Steam Plant employee in Y-12, and Mrs. Foust. Miss Farris will be married some time this month. Among the guests pictured above are Mrs. Fields, Mrs. Fox, Mrs. Foust, and Mesdames R. R. McClure, Elmer Clark, Tommie Travis, J. D. McLendon, Carl McNutt, Earl Forrester, Bessie Morgan, Ann Hart, Frances McGill, Nora Moses, Mae Green, Lula Harvey, Imogene Arrington, Harry Crockett, Elmer Cunningham, O. F. Watson, D. D. Bishop, Henry Murrin, Daisy Jones, C. W. Edmondson, Alberta Spangler, Maurine Ham, Pauline Black and B. Bradshaw.

Y-12 Photos By Vince Moore

see the reporter.

In view of the aforementioned weather it is a safe bet that Georgia Leonard, Analytical Laboratory; and her sister, Nell Leonard, of the Assay Laboratory, wish they could have continued their recent vacation at Silver Springs, Fla. Likewise for Nell and Jim Charles, who are back from her home in Mansfield, La. . . Mary Ruth McMurray spent a week at her home in Jefferson City. . . Elva Combs is welcomed back by Analytical Lab. after a three-months illness. . . Mrs. J. W. Thomas has moved to Heiskell—open house to all friends. . . R. L. Jamison and his wife spent a week end in Gatlinburg.

June Messer, of the Superintendents Department, is spending a one-week vacation at her home in Knoxville. Mary Lou Pate is another unlucky lady to have to be back at work after vacationing in Daytona Beach, Fla., and St. Augustine.

The Health Physics and Hygiene Department is sending get well wishes to Janet Googin, who has been out with the flu.

Blanche Gibbs has returned to work in Medical after a two-week vacation in her home in Fletcher, N. C. . . Lillie Cobble and her husband, Ernest, Building and Grounds, spent a recent week end in Greeneville, Tenn., with his sister. . . Celeste McGhee and her husband spent the past week end in Nashville.

The Fire Department reports C. R. Walls spending a one-week vacation in Tellico Plains. . . W. S. Smith has as guests his niece and her husband, Army Sgt. Guy Mays, who have just returned from Austria and are en route to a Texas station.

Katie Sells, of Assay Laboratory, spent the past week end at Livingston, Tenn. Ed Gammon is on vacation and will spend part of the time in Louisville, Ky. . . Helen Hicks is extended get well wishes by the department. . . Belle Thompson spent a recent Sunday touring the Smokies. . . Joel T. Thomason and family are vacationing at his home in Mangham, La., and will drop over to Baton Rouge to see the LSU-Vandy game Saturday.

Evelyn Brackney, of Plant Engineering, is spending a vacation at her home in Elizabethton visiting her brother, Howard, and his wife, the former Miriam Klaffenger, both former Y-12ers.

Betty Sepsy, Uranium Control and Computing, and her husband spent a recent week end in Gatlinburg. . . Elizabeth Wilson did likewise in Newton, N. C. . . W. E. Belbin at his home in Chattanooga. . . Wilburn Combs and folks saw the Arkansas Porkers root hog the Vanderbilts on the gridiron at Nashville.

Additions To Y-12 Technical Library

MATHEMATICS

ADVANCED CALCULUS. F. S. Woods. New edition. N. Y., Ginn & Co., 1934. QA 303; W 894.

EIGENWERTPROBLEME UND IHRE NUMERISCHE BEHANDLUNG. Lothar Collatz. Mit 104 Abbildungen und 12 Tafeln. N. Y., Chelsea Pub. Co., 1948. QA 371; C 697.

FORMULAS AND THEOREMS FOR THE SPECIAL FUNCTIONS OF MATHEMATICAL PHYSICS. W. Magnus and F. Oberhettinger. Translated from the German by John Wermer. N. Y., Chelsea Pub. Co., 1949. QA 41; M 199.

FUNCTIONAL ANALYSIS AND SEMI-GROUPS. Einar Hille. N. Y., American Mathematical Society, 1948. (Am. Math. Soc. Colloquium Pubs. v. 31) QA 611; H 651.

PHYSICS

ABSORPTION SPECTROPHOTOMETRY. G. F. Lothian. London, Hilger & Watts, 1949. QC 437; L 882.

ATOMICS. Chicago, Tech. Pub. Co., current. New Journal subscription.

ELECTRON-OPTICS. Paul Hartschek. 2nd edition, translated by Arthur Palme. Boston, American Photographic Pub. Co., 1948. QC 447; H 365.

INTRODUCTION TO PHYSICAL OPTICS. John K. Robertson. 3rd edition. N. Y., Van Nostrand, 1941. QC 335; R 651.

CHEMISTRY

AMERICAN CHEMICAL SOCIETY ABSTRACTS OF PAPERS OF THE 116th MEETING. Atlantic City, New Jersey, Sept. 18-23, 1949. Wash., D. C., ACS, 1949. QD 3; A 512.

OUTLINES OF BIOCHEMISTRY. Ross A. Gortner. 3rd edition edited by Ross Aiken Gortner, Jr. and Willis A. Gortner. N. Y., Wiley, 1949. QD 415; G 675.

INDUSTRIAL MEDICINE INDUSTRIAL HYGIENE AND TOXICOLOGY. Vol. 1. Frank A. Patty, editor. N. Y., Interscience, 1948. HD 7261; P 332.

TECHNOLOGY

HEATING, VENTILATING AIR CONDITIONING GUIDE, 3rd edition, 1949. N. Y., American Society of Heating and Ventilating Engineers, 1949. TH 7212; H 441.

MERCURY ARCS. F. J. Teago and J. F. Gill. 2nd edition. London, Methuen, 1949. TK 2798; T 253.

MODERN PLASTICS ENCYCLOPEDIA. 1949. N. Y., Plastics Cat. Corp., 1949. TP 986.A1; M 689 Reference.

BUSINESS OFFICE MANAGEMENT AND

EQUIPMENT. N. Y., Andrew Geyer, Inc., current. New Journal subscription.

TECHNIQUE OF SYSTEMS AND PROCEDURES. John H. Ross. N. Y., Office Research Institute, 1948. HF 5547; R 824.

LIBRARY TOOLS

A BRIEF FOR CORPORATION LIBRARIES, A GUIDE FOR THEIR OPERATION AND MANAGEMENT. Alma C. Mitchell. N. Y., Special Libraries Assoc., 1949. Z 675.A2; M 681.

CATALOGING RULES FOR AUTHOR AND TITLE ENTRIES. American Library Assoc., 2nd edition. Chicago, ALA, 1949. Z 695; A 512; Reference.

CHEMICAL SYNONYMS AND TRADE NAMES. William Gardner. 5th edition revised and enlarged by Ed. I. Cooke. London, The Tech. Press, 1948. TP 9; G 228; Reference.

'Last Chance' Doctrine Still Observed Here

"The Last Clear Chance," an old established English law, is broadly recognized by courts in this country today—even in connection with automobile collisions.

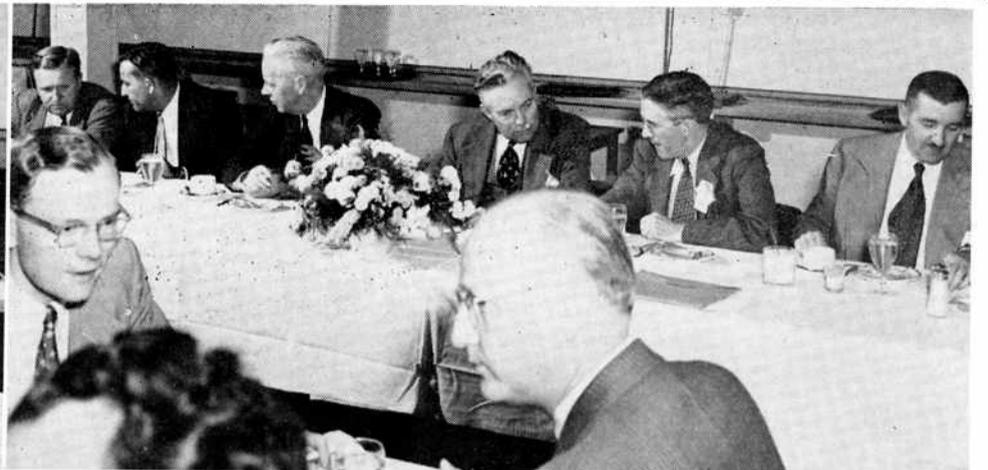
May Be Held Responsible

Broadly interpreted, the doctrine of "The Last Clear Chance" implies that the driver who has the last clear opportunity of avoiding an accident, notwithstanding the negligence of the other party, may be considered responsible for part or all of the blame for an accident.

In other words, a driver who thinks he has and insists on his so-called "right of way" may be in for a shock when he finds he may be adjudged at fault for not avoiding a collision caused primarily by another driver if the crash could be avoided regardless.

Alertness, Courtesy Is Urged
This information is contained in an article recently appearing in a publication of the Los Angeles Chapter of the National Safety Council discussing "Accident Control." It stresses alertness and courtesy on the part of all drivers as main factors in avoiding accidents and warns that insistence on legal "rights" may mean "rites" in the long run when contending with other drivers who are careless in their handling of motor vehicles.

If you can't write it and sign it—don't say it.



Y-12 Draws Praise For Handling Information Meet Arrangements

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session was the principal address at the dinner meeting Tuesday night, attended by about 400 guests, by Dr. Henry D. Smyth, member of the Atomic Energy Commission. In his address Commissioner Smyth praised the Oak Ridge National Laboratory and other national laboratories operating under the commission for their contributions to the nation's atomic energy program.

Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation, introduced Commissioner Smyth at the dinner session. AEC Commissioner Sumner T. Pike also attended and participated in the Information Meeting as did many other prominent scientists from various firms and laboratories.

Elaborate Preparations Were Made

Elaborate preparations were made in Y-12 before the meeting to care for the visitors and high praise was voiced by those attending for the completeness of the plans. The program provided for the presentation of a large number of important papers and the exchange of information on technical phases of atomic energy work. All meeting places were carefully arranged to take care of the varied sessions and the big dinner went off without a hitch with the guests enjoying a tasty turkey meal.

Among the various organizations represented at the Information Meeting were the AEC Washington Office, Air Reduction Sales Co., Ames Laboratory, Argonne National Laboratory, Armed Forces Special Weapons Projects, Army Chemical Corps, Battelle Memorial Institute, Blaw Knox Construction Co., Brookhaven National Laboratory, Bureau of Ships, California Research Corporation, Columbia University, Cornell University, Chicago Operations Office of the AEC, Carnegie Institute of Technology, Dayton Area Office of the AEC, Duke University, H. K. Ferguson Co., Hanford Works of the AEC, Hydrocarbon Research Co., Idaho Operations Office of the AEC, Knolls Atomic Power Laboratory, Los Alamos Scientific Laboratory, Malinckrodt Chemical Co., Massachusetts Institute of Technology, MIT Metallurgical Project, Military Applications Office, Military Liaison Committee, Mound Laboratory, Naval Radiological Defense Laboratory, National Bureau of Standards, National Advisory Committee for Aeronautics, New Brunswick

Seminar Program Is Switched; Smith Again To Lead Talks

Because of a last minute change in plans the program slated by the Oak Ridge Physics Seminar for last week will be presented this Friday afternoon at 4 o'clock in the East Lounge of the Ridge Recreation Hall. D. F. Smith, of K-25, will lead the discussion on "Microwave Spectroscopy of Some Fluorine Compounds."

The seminar last week was led by Dr. Eugene Guth, of Notre Dame University, whose subject was Neutron-Proton Interaction and Photodisintegration of the Deuteron.

All Y-12 scientists interested in the program subject for this week are urged to attend the seminar session Friday.

Laboratory, New York Operations Office of the AEC, North American Aviation, Inc., Northwest Electrodevelopment Laboratories, Nuclear Development Associates, Inc., Pittsburgh Area Office of the AEC, Purdue University, Rand, Inc., Radiation Laboratory, Sandia Laboratory, Schenectady Operations Office of the AEC, Sylvania Electric Products Co., University of Kentucky, University of Notre Dame, Vanderbilt University, University of Illinois, Westinghouse Atomic Power Division, General Advisory Committee to AEC, Princeton University, University of Chicago and National Carbon Co.

Major League Group Has 'All Present'

(Continued From Page 1)

Five of them were repeaters from the previous week, these being Dept. 2143, Receiving and Shipping; Dept. 2107, Cafeteria and Canteens; Dept. 2009, Maintenance Automotive Equipment; Dept. 2001, Janitors; and Dept. 2109, Employee Relations.

Four Departments Join Repeaters

The second, third, fourth and ninth place departments for the week ending October 16 joined the other five to complete the top bracket. They were Dept. 2002, Planning and Estimating; Dept. 2093, Fire Department; Dept. 2005, Maintenance Utilities; and Dept. 2133, Manufacturing Offices.

Two departments that were tied for first place the previous week with perfect records dropped to second and third positions in the Minor League. They were Dept. 2619, Chemical, with an absentee record of .5 per cent; and Dept. 2008, Transportation, with .7 per cent of its employees absent.

The plant absentee record for the week ending October 23, by departments, follows:

Dept.	MAJOR LEAGUE More than 50 Employees Scheduled		
	Absent Percentage	Standing 10-23-49	Standing 10-16-49
2077	0.0	1	1
2616	0.9	2	2
2091	1.2	3	3
2014	2.0	4	9
2360	2.2	5	6
2300	2.27	6	5
2015	2.32	7	11
2003	2.9	8	8
2320	3.5	9	4
2142	3.9	10	7
2282	4.3	11	10
2283	8.4	12	12

Group absentee percentage was 2.5 per cent, .2 per cent lower than the preceding week.

Dept.	MINOR LEAGUE 15-49 Employees Scheduled		
	Absent Percentage	Standing 10-23-49	Standing 10-16-49
2143	0.0	1	1
2107	0.0	1	1
2009	0.0	1	1
2001	0.0	1	1
2109	0.0	1	1
2002	0.0	1	2
2093	0.0	1	3
2005	0.0	1	4
2133	0.0	1	9
2619	0.5	2	1
2008	0.7	3	1
2270	1.05	4	1
2140	1.11	5	8
2060	1.3	6	1
2200	3.0	7	7
2743	3.7	8	6
2096	4.0	9	1
2739	7.1	10	5
2090	9.2	11	1

Group absentee percentage was 1.5 per cent, .1 per cent higher than the preceding week.

The plant average for the week ending October 23, 1949, was 2.2 per cent, .2 per cent lower than the preceding week.



Y-12 Photos By Vince Moore

SOME OF THE MANY PROMINENT MEN IN THE FIELD OF SCIENCE THAT ATTENDED the Atomic Energy Commission Information Meeting dinner in the Y-12 cafeteria last Tuesday night are pictured here. Seated at the table in the top left picture from left to right are L. E. Burkhart, of Y-12, who had charge of the many details of arrangements for the meeting sessions in the plant; E. J. Murphy, Oak Ridge National Laboratory, chairman of the committee in charge of all arrangements; Dr. Swafford C. English, head of the chemical research section of the AEC from Washington; Dr. A. H. Holland, director of medicine and research for the AEC in Oak Ridge; and Dr. C. E. Larson, Y-12 Superintendent. In the group at the right are F. H. Spedding, of the Ames Laboratory; Clark E. Center, General Superintendent for Carbide and Carbon Chemicals Corporation in Oak Ridge; AEC Commissioner Sumner T. Pike, Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation; AEC Commissioner Henry D. Smyth; and R. W. Cook, manager of Oak Ridge operations of the AEC. Two unidentified guests are in the foreground. The close up pictures at the bottom are Dr. Felbeck, who introduced Commissioner Smyth; Commissioner Smyth is in the center and Dr. S. C. Lind, consultant for Carbide in Oak Ridge and former president of the American Chemical Society, is at the right.

Camera Club Sets Color Slide Contest

The Carbide Camera Club will hold a color slide contest as the feature of the November meeting, scheduled for 7:30 o'clock next Tuesday night, November 8. The meeting will be held in the club headquarters in the Y-12 East Portal building.

Dr. James W. White, of the University of Tennessee physics department, will give a short talk on application of different types of lenses to different types of cameras and various uses for lenses. He will distribute notes on his talk afterward and also will judge the color slide contest.

The topic of the slides for the contest will be fall landscapes and although weather conditions have not been conducive to good color photography, some members report slides in readiness for the event next Tuesday.

Some club members already are preparing for the December contest which will feature a black and white print contest on Christmas cards.

White Wing Road Work Seen Soon

Work of improving the White Wing Road from the Oak Ridge area to U. S. Highway No. 70 is expected to begin in the near future, interested Oak Ridgers have been informed. Bids will be received by the state road department November 1, it has been announced, and a contract probably will be awarded shortly afterward.

The White Wing Road is used by many Carbide employees in all three installations here who live in Lenoir City, Loudon, Sweetwater and other points along U. S. Highway No. 11, but has been in poor condition for some time.

The greatest safety device known to man is the human brain.

Music Section Sets Concert On Friday

All Y-12 women employees and wives of men employees here who are members of the Oak Ridge Women's Club are invited to a concert to be given at 7:30 o'clock Friday night, November 4, in the East Lounge of the Ridge Recreation Hall. The concert will be given by a group of seven singers from the Maryville-Alcoa Music Club that form a sextet with pianist. The concert is being presented by the Music Section of the Oak Ridge Women's Club.

Rare Symphony To Be Heard On Listening Group Program

Gustav Mahler's Symphony No. 1 in D Major will be featured on the program to be presented by the Oak Ridge Music Listening Group at 8 o'clock Thursday night in the East Lounge of the Ridge Recreation Hall. This major composition will occupy the entire first half of the program and the recording of the rarely heard work was made by the Minneapolis Symphony Orchestra under direction of Dmitri Mitropoulos.

The second half of the program will bring two popular and sparkling overtures by Rossini, "The Thieving Magpies" and "The Barber of Seville." These selections are in plastic recordings by Arturo Toscanini and the NBC Symphony Orchestra. The concluding number will be the captivating music of Offenbach, arranged by Rosenthal as ballet music for the Gaité Parisian ballet. The recording is the excellent abridged version by the London Philharmonic Orchestra under Efreim Kurtz.

RESEARCH STATION SEEN

The New York Times reports that a survey now is underway to check the feasibility of a permanent cosmic ray research station on Mt. McKinley, in Alaska.

Employees May Enroll In Insurance Plan

(Continued From Page 1)

the contract is a provision for payment of the life insurance in monthly installments to any enrollee who becomes totally and permanently disabled. All of these benefits are available at small cost. Insurance Office Has Information

Any Y-12er who wishes further information on the Carbide Insurance Plan and its benefits may obtain it by communicating with the Y-12 Insurance Office, North Portal, telephone 7264.

Expansion Program To Have Little Effect On Personnel

The effect of the \$185,000,000 expansion program of the Atomic Energy Commission in Oak Ridge will be negligible on the population of the permanent operating personnel here, the AEC has announced. No further details of the AEC program other than those already published can be given at this time.

Work already has started on the K-29 addition to the K-25 gaseous diffusion plant. This project will cost about \$65,000,000 but is not included in the proposed \$185,000,000 program.

11th Radioisotope Course Underway

The 11th course of the radioisotope school conducted by the Oak Ridge Institute of Nuclear Studies got under way last week with 32 scientists from 12 states, the District of Columbia and Belgium in attendance. Dr. Ralph T. Overman is chairman of the institute's training division which sponsors the courses. Since the courses began a total of 368 research workers have been enrolled.

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Good Cage Prospects Seen At Opening Workouts; Practice Schedules For Men And Women Announced

Prospects look brighter for a pair of fast operating basketball teams to represent Y-12 in varsity competition this year in Oak Ridge cage circles than at any comparable time in past seasons as squads of men and women basketballers reported for initial practice sessions last week. A number of veterans and newcomers were mixed in the two squads and more talent is expected

to report at subsequent workouts. Nine men cagers reported at the Glenwood school last Wednesday and went through some light opening practice. They were Oliphant, Wright, Blankenship, Barker, Sherrod, Shoemaker, Robertson, Hopper, and Parker. Most of these lads played for plant league teams last year.

Thursday at Glenwood, K. Sells, F. Morgan, J. Kropkowski, H. Butler, A. Lowe, J. Butler, V. Bowers, H. Burkhalter, S. Brown and A. Brown showed up.

Recreation Supervisor Arnold Tiller has announced that future practice sessions for men will be held at 8 o'clock tonight at the Linden School gymnasium, 8 o'clock Friday night at the new gymnasium at the Jefferson Junior High School, 7:30 o'clock next Monday night, November 7, at the old gymnasium at Jefferson and 6 o'clock next Wednesday night at the new Jefferson gymnasium.

Practice time for the women cagers has been set for 6 o'clock Friday night at the new Jefferson gymnasium, 6 o'clock Monday night at the old Jefferson gymnasium and 7:30 o'clock next Wednesday at the new Jefferson gymnasium.

It also was announced last week that Harold Babb, who has had considerable experience as a coach of women's basketball teams, will work with Coach W. E. Davis in training the Y-12 cagers.

Although no organizational meeting has been held yet, a number of plant loop teams already have begun their own organization work. Any of these teams desiring to obtain practice time may be allotted such time if managers or team representatives communicate with the Y-12 Recreation Office, North Portal, telephone 7-8252.

Strikers Top D Loop By Trouncing Termites

A head-on clash between the Strikers and Termites of the D League of plant keglers last Tuesday night resulted in the former taking four straight points from their opponents and first place in the league standing. The four-point loss threw the Termites into a second-place tie with the Isotopes, who bounced the lowly Angstroms for a four-point victory.

Splinters Whitewash Materializers Other loop results saw the Splinters take four from the Materializers and the Overheads wallop the Old Men for three points.

The Strikers bowled their best game of the year in downing the Termites. Graydon Whitman had a 187 scratch game and 498 series and his 225 handicap single game was tops for the night. A. Tiller's 613 and Whitman's 612 handicap series also helped the victors. The "old pros," Frank Gragg and Ernie Cobble, rolling for the Termites, posted high single scratch game of 193 and scratch series of 193 and 519, respectively. Caldwell, of the Splinters, rounded out the individual high scorers with a 618 handicap series. The Strikers led team scoring with 786 scratch single, 983 handicap single, 2,298 scratch series and 2,889 handicap series.

AEC Meeting Confuses Angstroms League circles reported that the AEC Information Meeting played havoc with the Angstroms, some members of which became so confused they couldn't find their way to the alleys. As a result the Isotopes, led by Tom Stephens, coasted to victory. Leo Caldwell and Harold Ratjen did the heavy work for the Splinters in their victory with late assists from George Mitchel and John Reece. Tom Crabtree was the best man in the losing cause of the Materializers. Leonard "Lightning" Crawford paced the Overheads by posting his highest score of the season but it was Kasperek and "Butch" Naive who did the highest scoring. John Schmitt aided the Old Men take their only one point of the night.

League standing follows:

Team	W	L	Teams	W	L
Strikers	16	4	Materializers	10	10
Termites	13	7	Overheads	8	12
Isotopes	13	7	Old Men	6	14
Splinters	12	8	Angstroms	2	18

Y-12 Men's Varsity Keglers Nosed Out By Grocerymen

The Y-12 men's varsity bowling team in the Oak Ridge City League outscored the Wholesale Grocers in total pins, 2,519 to 2,506, but the Grocers took two out of three games from the Y-12ers in the alley activities. The Grocers started out fast with a 851 to 817 triumph but Y-12 copped the second match by 856 to 809. The rubber game was a thriller with the victors edging out a one-point win by 847 to 846 pins.

Conrad Roberts topped the Y-12 scorers by posting 146, 190, 189—525. Frank Gragg was close behind with 159, 180, 184—523. E. W. Koons rolled 189, 162, 150—501 to just nose out Nelson Tibbatts with 154, 170, 176—500; and Ernie Cobble rolled 169, 154 147—470.

INSURANCE RATES NOT HIT The Metropolitan Life Insurance Co. has been quoted by the Washington Post as saying life insurance rates in the United States will not be affected by reports of the atomic explosion in Russia.

SPORTS NEWS



5-9910 Y-12 Photos By Vince Moore
IT'S A LITTLE LATE FOR SOFTBALL TALK, BUT THE Oak Ridge Class B champions from Y-12 are proud of their team and individual trophies just received. The electric clock with the player on top is the team prize and rests in the Recreation Office trophy case. The individual trophies have been distributed to team members including Manager Harold Babb, Roy Hale, Ed Sise, John Gordon, W. R. McGill, Bill Wright, Henry Krouse, Richard Dew, Emmitt Moore, Tom Webber, George McPherson, W. J. Barker, R. S. Marlar, Frank Thurman and W. L. Lowery.

Y-12er Wins Fish Rodeo Prize; Sims Sneaks Up On Big Bass

The word must have gotten out in fish circles over the October 22-23 weekend about the fishing rodeo sponsored by the Oak Ridge Sportsmen's Association, particularly among the so-called "rough" variety of the finny tribe that includes such toughies and mauraunders as catfish, carp and others of the same ilk. These fish stayed away from anglers' hooks in large bodies—it seemed—but H. T. Kite, of Y-12's Chemical Department, managed to hook an unwary catfish that weighed two pounds and 10 ounces to take top place in that classification in the rodeo.

For his feat Kite was scheduled to be presented a fine casting rod and reel at a meeting of the association last night in club headquarters on the Oak Ridge Turnpike.

Game Fish Not So Smart The game fish lured down by the rodeo entrants apparently were not so smart as the roughies—for several good-sized victims fell to the bait of the fishermen over the week end.

Marc Sims, former associate editor of The Y-12 Bulletin and now editor of the Oak Ridge National Laboratory News and who learned to talk a swell fishing trip while swapping tall tales with North Portal buddies, took top prize in the game fish variety and was slated to receive a complete spinning outfit. Sims claims ample witnesses to the fact that he sneaked up on the blind side of a six and one-quarter pound large mouth bass and neatly dropped-kicked the hapless fish to shore.

Journalist Claims Lab Gyp The ORNL journalist reports he is particularly pleased with the honor bestowed on him as he claims directors of the Laboratory's own fishing contest had previously barred a five and one-half pound bass of his from the Lab event because it was taken from a private lake. In the association's contest no waters in Tennessee were out of bounds so Marc's take from that euphoniously-named body of water—Dead Horse Lake—was counted.

Evan Means of Electrical Maintenance in Y-12, trailed in third place in the rodeo for total heaviest catch during the event, turning in a collection of eight pounds and three ounces. Ben Brater, of K-25, took top honors in this category and won a complete fly fishing outfit. Brater's catch totaled 17 pounds, including 10 large mouth bass, three walleye pike and a crappie.

ELBERT SCOTT POSTS ODD SCORE ON ALLEY

Leave it up to Y-12ers to rack up odd events in sports. After several freak bowling scores had been posted during the still young season, here comes Elbert Scott, of the Guards, to record the first "straight" of the schedule. Last week Scott had games of 128, 129, 130 in succession. What does it get him? Well, just his name in the paper and a national bowling magazine that seeks out such oddities.

Guards Grab Loop Lead In C League Bowling

The Thin Pins of the C League of plant bowlers blew the Hurricanes right out of first place in the league in last week's timber smashing with the Guards mounting to top spot with a four-point victory over the Short Circuits. The Orphans took all team scoring records for the night in trouncing the Moles and climbed into a tie with the Hooks, who won three but lost one to the Hornets.

The Orphans posted a scratch single game of 791, handicap single game of 972, scratch series of 2,238 and handicap series of 2,881 to walk away with these honors.

In individual scoring the Orphans also held the upper hand. E. Green rolled a 497 scratch series, which with his handicap gave him a 614 handicap series for tops of the night. Ford, of the Hurricanes, managed to get into the act with a 197 scratch single game, the best of the session.

League standing follows:

Team	W	L	Team	W	L
Guards	18	2	Hornets	7	13
Hurricanes	16	4	Thin Pins	6	14
Hooks	12	8	Moles	5	15
Orphans	12	8	Short Circuits	4	16

Give a pessimist a piece of rope and he'll hang himself—give an optimist a piece of rope and he'll start a cigar factory.

Bumpers Rip Rippers As Loop Scores High

The Bumpers ousted the Rippers from their half share in the loop lead last Thursday night as the B League of plant bowlers took to the alleys with the Bumpers taking sole possession of the top rung by ripping their foes for four straight points. The defeat tossed the Rippers into third place as the Wolves took over second place with a white-wash victory over the Tigers. Other results found the Comets taking three from the Head Pins, Maintenance three from the Bums, One-91 three from the Mules and the Cubs and All Stars dividing their points at two each.

High scores again were the rule in play last Thursday. Frank Gragg, of the Wolves, posted the season's high scratch series of 607, which was boosted to 667 with handicap. He also rolled a 215 single scratch for tops in that department. Gwinn, of the Mules, rolled a 239 handicap single game.

The Bumpers hogged team scoring honors, including a season's high of 2,985 handicap series, 867 scratch single game and 1,025 handicap single game. The Wolves posted a 2,557 scratch series.

League standing follows:

Team	W	L	Team	W	L
Bumpers	25	7	Maintenance	16	16
Wolves	22	10	Cubs	13	19
Rippers	21	11	One-91	13	19
Mules	20	12	Tigers	10	22
Comets	18	14	Bums	9	23
All Stars	16	16	Head Pins	9	23

Keglerettes Of Y-12 Lose To K-25 Team

Although outscoring the K-25 feminine bowlers of the Oak Ridge City League in total pins, the Y-12 keglerettes dropped two out of three games to their opponents last Thursday night and firmly entrenched themselves in 10th place in the league. The Y-12ers posted games of 651, 788, 669—2,108 while the victors scored 703, 703, 682—2,088.

Margaret O'Neal again led the Y-12 scorers with a 478 series with games of 168, 189, and 121. Ruth Law was next with 136, 140, 160—436; and other scores were Katie Williams 109, 184, 118—411; Olyne Poindexter 120, 142, 134—396; and Katherine Jenkins 118, 133 132—383.

The Mims and Oak Ridge National Laboratory teams were tied for first place in the league after last Thursday's bowling with 18 wins and six losses each. K-25 was close behind with 16 wins and nine defeats.

League standing follows:

Team	W	L	Team	W	L
Mims	18	6	R-A	13	11
ORNL	18	6	C. & O'C	12	12
K-25	15	9	Knox B'print	8	16
Norris C'mery	14	10	Y-12	7	17
Tulip Town	14	10	Fairchild	6	18
Marot	14	10	Atomizers	5	18

Wildcats Will Play Bradley On Friday

The Oak Ridge High School Wildcats will journey down to Cleveland, Tenn., to meet Bradley County on the gridiron Friday night of this week. Only one more home game remains on the Oak Ridge schedule, the Wildcats being slated to meet Loudon High School at Blankenship Field on Friday night, November 18.

W Loop Race Again Tied As Kemps Win

The Kemps jumped back into a tie for the lead with the Controllers in the W League of plant women bowlers last week by white-washing the Hi Balls for three games as the Controllers lost control for just one game with the Dodgers while taking two. In other loop matches the Woes took three from the Spinners and the Rattlers a pair from the Pick Ups.

Despite their two defeats, the Dodgers managed to carry off most of the scoring honors for the night. Their 693 scratch single game was tops as was their handicap single game of 987 and handicap series of 2,758. The Controllers managed to get into the act by posting the high scratch series score of 1,898.

Calfee, of the Dodgers, also was tops in individual single games with a 175 scratch and 232 handicap score. Matlock, of the Woes, had the best scratch series of 425 and Rogers, of the Pick Ups topped the handicap series scorers with 609.

League standing follows:

Team	W	L	Teams	W	L
Controllers	14	4	Hi Balls	7	11
Kemps	14	4	Spinners	7	11
Dodgers	11	7	Rattlers	6	12
Woes	9	9	Pick Ups	4	14

Rifle Championship Matches Set For Sunday Afternoon

The .30 calibre rifle shooting championship of the organization will be fired Sunday afternoon, November 6, on the range of the Oak Ridge Sportsmen's Association on the Turnpike west of the city limits. The title match will be fired on the 200-yard range at both slow and rapid fire and an entry list of about 25 is expected. The finalists were selected in two preliminary matches held recently at the organization's range.

The only two riflemen from the Y-12 area slated to fire for record Sunday are W. D. Gude and Dave G. Doherty, both with the biology division of the Oak Ridge National Laboratory.

"Where did I come from, Mother?" inquired the six-year-old, just home from school. This is it, thought the mother. So she unfolded the story of the birds and bees, then awaited his reaction. "I just wondered," the youngster said, "the boy in front of me says he came from Brooklyn."