



Y-12 BULLETIN

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

Volume 2, No. 48

58620

OAK RIDGE, TENNESSEE

Tuesday, November 30, 1948

Declassification Aid Is Offered Science Writers

Security regulations in Y-12 are patterned after those of the Atomic Energy Commission, as prescribed by the Congressional Atomic Energy Act of 1946, to insure as much freedom in scientific research as possible and at the same time preserve the common defense and security of the country.

For this reason many safeguards have been thrown about dissemination of scientific and technical information pertaining to atomic energy. The policy of the AEC security regulations is to encourage free interchange of ideas and criticisms essential to scientific progress when such interchange does not involve allowing unauthorized persons to obtain secret "restricted data" as prescribed by the commission.

Scientists Examine Material

To carry out these provisions, the AEC has established measures of security that permit the rapid transmission of classified information within the commission to maintain the advanced position of the country in the field of atomic energy. In this work the commission has a consultant staff of trained scientists whose responsibility is to examine and make available to the public scientific documents that contain no information that may endanger the national security.

The task of these scientists sometimes involves only reading and approval of documents submitted to them for consideration. However, their work also may range from simple deletion of certain portions of manuscripts to careful rewriting of parts or even the entire article.

Staff Will Aid Authors

This declassification staff will cooperate with authors in preparing a scientific manuscript for the public and has set up a prescribed routine through which such advice and aid can be obtained. Every assistance to any employee of a contractor of the AEC of the commission itself who wants to make a speech or write an article for publication will be rendered.

It is obvious that the work of the declassification group demands much patience, unusual skill and training and hard, minute reading. The AEC would not have delegated this responsibility to scientists who probably could have been immensely valuable in direct research

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Plant Suggestion System To End On December 1

With emphasis in Y-12 now being placed on research and development since Carbide and Carbon Chemicals Corporation took over operations in May, 1947, suggestions submitted through the Plant Suggestion System have developed along more and more routine lines. Therefore, as the need of the Suggestion System, as such, has declined, it has been decided to discontinue the system as of December 1.

This does not mean that valuable suggestions by employees will not be welcome by the Company. However, any ideas of value to the plant should be submitted directly to Line Supervision for consideration.

Any suggestions already made by employees on which decisions now are pending by the Company will be given full consideration under the present system.

Plant Equals, Continuing Safety Record



Y-12 Photos By Vince Moore

SAFETY, FIRE AND SECURITY COORDINATORS OF Y-12 proudly watch as Chief Safety Engineer G. C. Henderson changed the Y-12 plant safety scoreboard last Tuesday to show that the plant had topped its previous best record for operating without a lost time accident. Left to right are W. C. Davis, Manufacturing Offices; J. H. Harmon, Refining; Lee Bagwell, Industrial Relations; Ward Foster, Research and Development; George B. Tucker, Maintenance; and Henderson. Clyde Bowles, Engineering; and W. S. Herron, Chemical; were unable to be present when the picture was made.

Parents In Y-12 Urged To Apply Now For Children's Party Tickets

All Y-12 parents who want their youngsters to enjoy the big Christmas party being planned by the Recreation Office from 10 a. m. to noon, Wednesday, December 22, are urged to immediately turn to Page Three of this issue of The Y-12 Bulletin and fill out the application blank for the required number of tickets to the affair.

Y-12 Fire Prevention Report Is Submitted

The bid of Y-12 for top rating in fire prevention work among the industrial plants of the United States and Canada was formally made last week when the report of year-around activities in the plant was sent to T. Alfred Fleming, chairman of the Fire Prevention Week Committee of the National Fire Prevention Association, in New York.

Three Phases Are Covered

The comprehensive Y-12 report consisted of 105 pages, each 18 by 22 inches in size. The report covered three phases of fire prevention work. The first cited the annual spring cleanup campaign, the second covered the Fire Prevention Week activities and the last the year-around program.

Profusely illustrated and containing complete reports of all pertinent activities in the plant, the volume is handsomely bound in

(Continued on Page 3)

The Y-12 Christmas party for children will include entertainment for all youngsters of Y-12 parents between the ages of two and ten years, inclusive. It is necessary to fill out the application blank so that the Recreation Office will know just how many of the young guests to expect.

Parents are urged to note that if they believe it advisable or necessary to accompany their children to the party, they should indicate the fact on the application blank so that tickets for them may be prepared.

Prompt Return Is Urged

Early return of the blanks to the Recreation Office, Bldg. 9701-1, North Portal, is urged so that the number of folks attending the party may be determined and the tickets mailed to the parents. The tickets will be sent to the home address of the parents as given on the application blank. There is absolutely no charge for admission.

The children's Christmas party will be given at the Ridge Theater, corner of Georgia Ave. and Broadway. Of course, Santa Claus will be on hand to give each youngster

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New Carbide Handbook Is Being Distributed To All Employees; Important Information Given

Picture On Page Two

A compact, new and informative handbook for employees of Carbide and Carbon Chemicals Corporation in Oak Ridge now is being distributed in all Y-12 departments by Supervision. It contains 39 pages of up-to-date information about Company operations and services and is profusely illustrated.

The front cover of the handbook contains the title "You at Carbide" with the Company insignia. Aerial photographs of the three Oak Ridge installations also are printed on the cover, with a view of Y-12 at the top.

After a Company "Welcome to Carbide" message comes a brief

history of Carbide operations in Oak Ridge. It is pointed out that "the goal of production and improvement was reached by teamwork—not only the cooperation and coordination of effort in the group at Oak Ridge, but throughout the entire Union Carbide organization."

Important information on benefits for employees and their families is given in the handbook, including life insurance, group insurance, occupational and non-occupational disability pay, savings plan, vacations, retirement, workmen's compensation and other features.

A thorough digest of Company rules also is given in the handbook

More Than Million Man-Hours Are Worked In Y-12 Without Accident Causing Lost Time

An important milestone in the Y-12 accident prevention program was reached and passed last week when employees of the plant exceeded their previous record of working 90 days without a lost time accident and extended the man-hours worked without such an accident to more than 1,000,000.

The most recent 90-day span of days without an accident causing loss of time from work began August 23 and the previous mark was reached last Tuesday, November 23, when for the first time since the safety scoreboards were erected at each portal, the figures after the words "this plant has operated 91 days without a lost time accident" topped the numerals on the bottom section of the sign noting the best previous record of 90 days.

Hope Trend Will Continue

Management, Supervision and the numerous departmental safety committees throughout the plant are hopeful that the present excellent safety trend will continue indefinitely. The value of maintaining safe operating conditions and methods, not only for the benefit and well-being of employees themselves, but also for the plant efficiency, is being stressed in all safety meetings held regularly in every department.

The next goal in the year-around safety program in Y-12 is to equal and exceed the 1,500,000 man-hours worked without a lost time accident that is specified by Union Carbide and Carbon Corporation, parent organization of Carbide and Carbon Chemicals Corporation, as qualifying the plant for the Union Carbide Safety Award. Union Carbide extends recognition to each plant in its family when it reaches this mark.

May Reach Goal In January

If the present trend in safe operations in Y-12 continues, the 1,500,000 man-hours worked without a lost time accident record will be reached some time in January. Showing that this goal can be reached, it is recalled that between December 4, 1946, and February 6, 1947, Y-12 operated more than 2,000,000 man-hours without a lost time accident.

The minor injury record in Y-12 has shown a marked improvement recently and Supervision in the plant has reported an increasing safety consciousness on the part of employees in all departments. This has been accomplished through the continuous teamwork existing between Supervision, safety committees and control groups in carrying out the accident prevention program.

The basic points in the Y-12 safety program include 12 fundamentals, which are stressed and

(Continued on Page 2)

Two Y-12 Men Are Drafted Into U. S. Army



Freeman Waddell (Top)
J. F. Manneschildt

The long arm of Uncle Sam reached down into Y-12 last week to tap two employees for 21 months of military service under the Selective Service Act. They were Freeman Waddell, an engineer in Dept. H12L; and J. F. Manneschildt, a chemist in Dept. H12D. They were among the first men to be inducted in East Tennessee under the peacetime draft.

Waddell and Manneschildt received their physical examinations and were given the oath of allegiance last week at the United States Army Recruiting Station in Knoxville by Capt. Willis E. Stemple, executive officer of the station.

The former Y-12 men will receive their basic training at Fort Jackson, S. C.

Both Manneschildt and Waddell were 25 years old, their birthdays being within two days of each other. The former was born January 30, 1923, and Waddell on January 28 of the same year.

Manneschildt, whose home is Portsmouth, Va., came to work in Y-12 January 15, 1944, being a veteran employee here. Before coming to Oak Ridge he received his degree at the University of Virginia, where he majored in chemistry.

Waddell is a graduate of Tennessee Polytechnic Institute, Cookeville, where he majored in physics. His home is Silver Springs, Tenn., and he came to work in Y-12 July 7, 1947.

The Company has announced that any employee ordered to report for physical examinations under the Selective Service Act may be granted time off with pay for this purpose up to a maximum of one day.

Y-12 Bulletin

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Y-12 Tots Enact Marriage Of Health To Happiness For Better Living Program At Glenwood School

The children at Glenwood school in Oak Ridge have been studying good health habits in their classes and Miss Ann McCray, teacher, instigated a program that would enable the youngsters to comprehend the full meaning of the importance of daily health habits.

A group of youngsters, whose parents are employed at Y-12, were selected to enact a wedding ceremony symbolic of the marriage of Health to Happiness.

The entire school was invited to attend the festive function and Emily Post books were consulted to enable the children to perform the rite in style.

The class room was decorated with health charts and pictures made by the children and a healthful knowledge of successful living was obtained from the program as outlined by Miss McCray.

Children taking part in the ceremony whose parents are employed at Y-12 include Ronnie Hargraves, Bobby Defenderfer, Janet Swicegood, June Tillery, C. L. Rose, Barbara West and Shirley Brinker.



THE SYMBOLICAL WEDDING OF HEALTH TO HAPPINESS was performed by children at Glenwood School in Oak Ridge. The youngsters' parents are employed at Y-12 with the exception of John Lee Allen, the groom. Pictured from left to right are Preacher David Morton, Usher Ronnie Hargraves, Usher Bobby Defenderfer, Maid-of-Honor Janet Swicegood, Bride June Tillery, Groom John Lee Allen, Best Man C. L. Rose, Bridesmaid Barbara West and Bridesmaid Shirley Brinker.

Reorganization Plan Given For Hospital

Reorganization of the governing structure of the Oak Ridge Hospital to place the institution under the direction of an independent, non-profit organization of Oak Ridge residents has been announced by the Atomic Energy Commission.

A new board of trustees has been appointed for the hospital, composed of seven Oak Ridge residents. They include E. C. Cain, Superintendent of Industrial Relations at Y-12; Oral Rinehart, General Office Manager at K-25; Logan B. Emlet, of the Oak Ridge National Laboratory; Ralph Callahan, Roane-Anderson Co.; Clifford K. Beck, Chief of the K-25 Research Division; Carl C. Martin, Roane-Anderson Co.; and George A. Retberry, of AIT.

Benefits Are Expected

Centralization of all hospital functions within the hospital with responsibility placed directly with the hospital corporation is expected to be one benefit gained from the reorganization. More efficient use of hospital facilities and eventual establishment of an out-patient department for care and treatment of persons in lower income brackets also is contemplated.

It also is expected that the subsidy under which the hospital has been operating will be reduced. The new trustees, who serve without personal remuneration, will administer funds to be supplied by the government for hospital support through the Office of Community Affairs of the AEC.

Non-Profit Body Formed

The new trustees will serve as a non-profit organization to be known as Oak Ridge Hospital, Inc. AEC officials expect the new group will be able to assume complete responsibility for the hospital shortly after January 1.

Up to now the hospital has been administered by an advisory board of governors with funds supplied through the Roane-Anderson Co. The AEC has paid tribute to the outgoing board for its good work in its statement. Members of the outgoing board include Clark Center, General Superintendent of Carbide and Carbon Chemicals Corporation in Oak Ridge; Carl C. Cooper, of Y-12; Leroy McNeal, R. H. Ostrander, W. H. Britton, Dr. Lucius Salisbury, Dr. R. M. Price and the Rev. Robert W. Lundy.

Million Man-Hours Accident Free In Y-12

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elaborated on at the plant safety meetings. They include:

1. Know the safest way to do each job; then continue doing it that way until it becomes a habit.
2. Use all safety guards and protective equipment provided and observe all safety rules.
3. Report to Supervision or safety committees any hazardous conditions found on the job.
4. Be alert for the safety of fellow workers and avoid horseplay.
5. Work with the safety committee in your department, assisting the committee in avoiding and eliminating health hazards, in check-ups and inspection and in accident investigations.
6. Physical fitness is a prerequisite in ability to produce. Therefore use all sanitary and hygiene facilities provided for the benefit of employees.
7. Walk—don't run—up and down aisles and stairways. Haste makes waste—in time, pay checks and health.
8. Since good housekeeping is an effective safety measure, keep benches, machines, desks and other work places clean and orderly.
9. Cooperate with Supervision, fellow workers and safety committees in an effort to reduce accidents of all types.
10. Do not use an air hose for dusting clothing, hair or work bench.
11. Learn to lift the right way. Keep the back upright and lift with the leg muscles. Don't try to lift too much. Get help if needed.
12. Remember that it is your life, your health, your limbs, your pay envelope and your family's welfare depending on following prescribed safety rules. Make sure that your job is safe in every respect.



Harry Cupp, Dept. H12E, reports the arrival of a new addition to the Cupp family, a baby girl, Carol Adrienne, weighing eight pounds and 9½ ounces, born November 21.

T. S. Moody, Dept. A20N, went on a deer hunt in the Cherokee National Park recently and got what Patty shot at—nothing . . . A. M. Lowry reports better luck on his deer hunt. One of the fellows in his party killed a stag and divided the meat with his fellow hunters, so Lowry is eating venison . . . E. W. Koons visited with home folks in St. Louis, Mo., last week . . . L. A. Turpin and E. C. Ward are resting at their homes in Oliver Springs . . . C. H. Noe is back on the job after a quiet vacation in Oak Ridge.

Abe Monger, Dept. A12N, is vacationing on his farm in Lenoir City . . . Troy Elmore, Dept. M12M, and his wife, Irene, Dept. A12N, visited with Troy's parents in Norfolk, Va.

P. W. Clevenger, Dept. A12G, and his wife spent last week taking in the sights of Washington, D. C. . . . E. E. Turner visited with relatives in Pineville, Ky., while on vacation.

Edith Cruze, Dept. A12S, is back on the job after spending a quiet vacation at her home in Knoxville. Ray Rinehart and his wife made a week-end trip to Chattanooga and did most of their Christmas shopping . . . Katherine Jenkins joined relatives in Sevierville, Tenn., for a Thanksgiving dinner and family reunion . . . J. D. Hayes and his family visited with relatives in Kentucky during a recent week end. M. C. Bays and his family are vacationing in Fort Worth, Tex.

Helen Brown, Dept. A12P, is vacationing with relatives in Murfreesboro, Tenn. Betty Pope spent Thanksgiving Day with relatives in Lenoir City, Tenn.

J. C. Bowles, Dept. A12W, and his family spent Thanksgiving Day with relatives in Morristown . . . Mildred Reagan and her family made a week-end visit with her parents in Kingsport, Tenn. . . . T. E. Keany and Vince Moore are back on the job after spells of illness . . . Evelyn Brackney visited with her family in Elizabethton, Tenn. Ed Roseler and his wife have as their guest Mrs. Roseler's sister, of Buffalo, N. Y.

F. E. Clark, Dept. B12L, returned recently after vacationing in St. Louis, Mo. and Southern Illinois and reports quail hunting was fine . . . John Byrd has as his guest his parents, Mr. and Mrs. A. F. Byrd, of Mt. Olive, Miss. . . . Ruth Jones and Elizabeth Patrick are back on the job after vacationing in New York City and Washington, D. C. . . . Daisy Ward had as guests Thanksgiving Day her

sister and her husband, Mr. and Mrs. Isaac Robbins, of Athens, Tenn. . . . W. R. McIntosh spent a quiet vacation in Oak Ridge last week.

Employees in Dept. A15N vacationing last week were Alice Bullard, H. K. Gaston, E. K. DeLong, B. M. Cox, and C. O. Johnson . . . Harold S. Sanders and his family accompanied by L. A. Slover and his family went on a sight seeing trip to Lookout Mountain recently.

Sylvia Hatmaker, Dept. M12P, is back on the job after vacationing at her home in Knoxville . . . Margaret Carter made a week-end visit with friends in Chattanooga. Mattye May returned recently after vacationing in Birmingham, Ala. . . . J. G. Dinsmore visited with friends in New Castle, Penn., while on vacation . . . R. H. Ford visited with friends in Huntsville, Ala.

Katherine Sells and Francis Ware, Dept. B13L, left Friday for Columbus, Ohio, where they will spend their vacation . . . Ruth Clark, former Y-12er, is now working with the FBI in Washington, D. C. . . . Neil Goodwin is spending a quiet vacation in Oak Ridge with a side trip to Kentucky . . . Evelyn Brown is back on the job after vacationing at her home in Knoxville . . .

G. M. Andranigian, Dept. H12D, remains ill in the Oak Ridge Hospital . . . Virginia Spivey returned recently from a vacation spent taking in the sights of the West. Some of the interesting places she visited were Colorado Springs, Denver, Salt Lake City, Reno, Yosemite, Los Angeles, Grand Canyon, Carlsbad Caverns and Houston, Texas . . . Bob Adams was in Baltimore while on vacation . . . Victor Defenderfer spent a quiet vacation in Oak Ridge . . . The department welcomes Charles Cline, who hails from Sharon, Penn., into its midst. Cline, a newlywed, is making his home in Oak Ridge with his new bride.

Lillian Hamlet, Dept. A19N, is back on the job after an illness.

W. E. Davis, Dept. A23J, and his family had as recent guests, Mr. and Mrs. Oscar McNeil, of Taylorsville, Ky.

Louise Hall, Dept. H12L, was in Cincinnati during her vacation last week . . . Ed Scofield had as guest over the Thanksgiving holiday his parents, Mr. and Mrs. E. L. Scofield, of Cincinnati, Ohio.

Ruby Sanders, of the Y-12 Bulletin office, Dept. A12J, is vacationing with her twin sister, Mrs. Reba Cochran, in Toledo, Ohio.

Thomas and Frankie Ann Goss, of Dept. A12R, spent Thanksgiving with Thomas' parents in Commerce, Ga.

Y-12 Motorists Urged To Speed Car Tests

Although the Oak Ridge Safety Lane will be open for 60 days instead of the previously customary 30 days for the inspection of motor vehicles operated in the Atomic City, Y-12 employees are urged to have their privately owned automobiles and trucks inspected as soon as possible to be sure they are in safe operating condition.

Safety Lane Opens Today

With several changes in operating procedure planned for convenience of motorists, the safety lane on East Division Road will open today for inspection of private vehicles. Operating hours will be from 9:15 a.m. to 6 p.m., Tuesdays through Saturdays and the lane will be closed on Sundays and Mondays.

An innovation in operation of the safety lane will be that after approval of the vehicle the sticker signifying the automobile or truck is in safe operating condition will be attached to the vehicle before it leaves the station and all old stickers will be removed from the windshield. Another new feature expected to be of convenience for motorists will be experiment of placing signs along the entrance to the safety lane indicating the probable waiting time before a vehicle can be tested.

Will Inspect Emergency Brakes

Included in the parts of a vehicle to be inspected this year will be the emergency, hand-operated brake. The inspections also will include the foot brakes, all lights, windshield wiper, front wheel alignment, steering wheel play and horn.

Oak Ridge Safety Lane stickers are required of all motor vehicles operating in the city more than one day each week unless the vehicle carries a sticker from another approved safety lane.

Y-12 Man Heads Committee Surveying Dental Needs

J. P. Gill, Dept. A13W, is chairman of a survey sub-committee which is surveying the various types of dental health programs, the personnel and facilities available in Oak Ridge and the means by which these could be utilized in meeting the dental needs of the school children here.

The dental hygiene group is composed of representatives of community health and welfare agencies and professional and non-professional organizations interested in the establishment of a dental health program in Oak Ridge. Interest was aroused in formulating such a program following an inquiry by the Oak Ridge Junior Chamber of Commerce as to whether the Oak Ridge Department of Public Health Service could request one of the demonstrating units of the U. S. Public Health Service to administer applications of fluoride as a preventive measure in tooth decay.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital last week: Alvin K. Bowles, Dept. A13N; William S. Herron, Dept. B12C; Juanita W. Moore, Dept. B12L; Garoun M. Andranigian, Dept. B12L; Frances Steen, Dept. B13L; Roy Blankenship, Dept. A12G; and Lloyd A. Tolliver, Dept. B13C.



Two births were reported to Y-12 families at the Oak Ridge Hospital last week. Parents were Mr. and Mrs. James H. Cupp, a girl on November 21, and Mr. and Mrs. Hal Bailey, a boy on November 24.

Insisting on the right-of-way never determines who is right, but who is left.



HERE IS A LAYOUT SHOWING THE GENERAL APPEARANCE of the new Carbide and Carbon Chemicals Corporation handbook for Y-12 employees, which is being distributed this week.

Chemical Makes Jump In Attendance Race

Dept. B12C, Chemical, flashed into the attendance picture for the week ending November 21 by soaring from 12th place in the Major League standing to first place with .6 per cent of its personnel absent.

Second place was captured by the preceding weeks' first place holders, Dept. B12H, Refining, with a report of .9 per cent.

Dept. A14N Also Advances

Dept. A14N, Electrical Equipment, Repair and Maintenance, also made a big jump by moving from seventh place to third in the Major League. The third place holders had 1.47 per cent of its personnel absent.

Seven groups in the Minor League reported perfect attendance. They include Dept. A13S, Tool; Dept. A12L, Employment; Dept. A21N, Special Facilities; Dept. A15N, Experimental Process and Equipment; Dept. A12R, Cafeteria and Canteen; Dept. A12D, Medical; and Dept. A12N, General Maintenance, Office Planning and Estimating.

Firemen In Second Place

Second place in the Minor League standing for the last reporting period was taken by the firemen in Dept. A14J, with an absentee report of .4 per cent.

Third place was captured by Dept. M12S, Steam Plant. The plant average for the week ending November 21 was 2.6 per cent, remaining the same as the preceding week.

The complete record of Y-12 absenteeism for the week ending November 21 by departments follows:

MAJOR LEAGUE

Dept.	More than 50 Employees Scheduled		Percentage		Standing	
	Absent	11-21-48	11-14-48	11-21-48	11-14-48	
B12C	0.6	1	12			
B12H	0.9	2	1			
A14N	1.47	3	7			
M12P	1.50	4	4			
A12G	2.1	5	6			
A17N	2.16	6	5			
A20N	2.16	6	9			
A13N	2.19	7	8			
A12M	2.34	8	2			
B13L	2.34	8	13			
H12L	2.7	9	10			
A16N	2.8	10	8			
H12E	3.1	11	11			
H12D	4.2	12	15			
A12S	4.6	13	3			
B12L	6.7	14	14			

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

MINOR LEAGUE

Dept.	15-49 Employees Scheduled		Percentage		Standing	
	Absent	11-21-48	11-14-48	11-21-48	11-14-48	
A13S	0.0	1	1			
A12L	0.0	1	1			
A21N	0.0	1	1			
A15N	0.0	1	1			
A12R	0.0	1	1			
A12D	0.0	1	3			
A12N	0.0	1	9			
A14J	0.4	2	4			
M12S	0.9	3	6			
B12A	1.3	4	1			
A12T	2.7	5	1			
A12A	2.9	6	7			
A13T	3.3	7	8			
M12M	4.0	8	1			
A13W	7.1	9	5			
A12W	7.7	10	12			
A12P	9.2	11	11			
A19N	12.5	12	10			
M13P			2			

The group absentee percentage was 2.7 per cent, .6 per cent higher than the preceding week.

The plant average for the week ending November 21 was 2.6 per cent, remaining the same as the preceding week.



Bids Are Received For New Road Work

The W. L. Hailey Co., of Nashville, has entered a low bid for the construction of three miles of roadway in Oak Ridge, it is announced by the Atomic Energy Commission. To Finish In 150 Days

The construction of the new road is scheduled for completion within 150 days after the contract has been awarded. The bid entered is subject to review by AEC.

The road will be built from a point on Scarboro Road near the site for the new entrance to the Y-12 plant to a point on Oak Ridge Turnpike immediately south of New York Ave.

New Route Is Provided

The artery will serve as a route to Knoxville through Solway Gate from the Oak Ridge Turnpike and the eastern section of the town. It also will carry much of the traffic formerly using the Sawmill Road, closed last week.

The roadway construction is another feature of the long-range program of community development for Oak Ridge.

The same firm entered in the same bid for the construction of a new 30-inch water main. The total bid was for \$598,556.

Miss Kazlauskis Will Give Music Listening Program Data

Miss Elvira Kazlauskis, a Y-12 employee in Dept. H12D, will present the program notes for the regular meeting of the Oak Ridge Music Listening Group at 8 o'clock Thursday night, December 2. The program will be presented in the East Lounge of the Ridge Recreation Hall.

Opening with the well-known 1812 Overture by Tschaiakowsky, the first half of the program will continue with the Haffner Symphony, No. 35, in D, Major, by Mozart. The second half of the program will include the Archduke Trio, by Beethoven, with Heifitz on the violin, Rubenstein at the piano and Feuermann at the cello.

Refreshments will be served during intermission.

Y-12 Fire Prevention Report Sent To National Committee

(Continued from Page 1)

a heavy red cover. For shipping, it was enclosed in a sturdy box—appropriately painted a fire-engine red.

Y-12 Fire Chief John W. Hughey explains that the Fire Prevention Committee judges each plant in the contest by the report of its annual activities and is confident that the 1948 Y-12 report will result in a high ranking for the plant. Last year Y-12 was adjudged as having the second best fire prevention program in the nation, being less than one percentage point below the K-25 plant of Carbide here in Oak Ridge.

Chief Hughey pointed out that a great amount of work went into compiling the report and extends his thanks to every department and individual in Y-12 that participated in assembling the volume.

The first great gift we can bestow upon others is a good example.

Dr. Lind Is Named Carbide Research Aide

Dr. Samuel C. Lind, dean emeritus of the University of Minnesota, has been appointed research assistant for the three Carbide and Carbon Chemicals Corporation plants in Oak Ridge.

Graduating from Washington and Lee University, Lexington, Va., Dr. Lind received his Ph.D degree at the University of Leipzig in 1905. He also holds honorary degrees from Washington and Lee, the University of Michigan and the University of Colorado.

He has done extensive pioneer work in the field of radioactivity. In 1910 he served as Resident in the Curie Laboratory in Paris and also at the Vienna Institute of Radium Research. He taught chemistry at the Massachusetts Institute of Technology, the University of Minnesota and the University of Michigan. He was chief chemist with the United States Bureau of Mines and was associate director of the fixed nitrogen research laboratory of the Department of Agriculture.

Dr. Lind has been editor of the Journal of Physical Chemistry since 1933, member of the board of directors of Scientific Manographs of the American Chemical Society, member of the National Academy of Sciences of America, Philosophical Society, American Physician Society, American Chemical Society and the Electrochemical Society. He was president of the Electrochemical Society in 1927 and the American Chemical Society in 1940.

He is the author of "Chemical Effects of Alpha Particles and Electrons," published in 1921 and 1928, and co-author with Prof. George Glockler of "Electrochemistry of Gases and Other Dielectrics."

Y-12 Cleanup Drive Cited By Publication

The annual spring cleanup campaign in Y-12 staged last April has drawn praise from the National Metal Trades Association in its periodical, Digest of Industrial Relations. The publication is a specialized news digest briefly reporting important developments in the field of industrial relations and kindred topics.

Quoting from The Y-12 Bulletin of last April 6, the Digest enumerates the 15-point program observed in this plant last spring. It points out that the campaign here was staged under direction of the fire, safety and security coordinators of the plant and advised its readers to check the Y-12 program with work being done in their plants.

YOUNG AS YOU FEEL

Louis Rich is a student at the Bergen Junior College in New Jersey. There is a slight variation with Rich's age and that of the average college student—around 60 years. Rich is 85 years old and a retired business man of South Orange. He explained that he enrolled because it was the only way he could keep up with this atomic age.



REMEMBER THE FUN THEY HAD LAST YEAR? HERE is a group of Y-12 employees at the 1947 Y-12 Christmas Dance Party watching Russell Alston receiving a handsome radio won as a door prize. Others shown in this picture include Cliff Henderson and Mrs. Henderson, Eugenia Wilcox, Roger Hibbs, W. O. Watson and Mrs. Watson and others.

Parents In Y-12 Urged To Apply Now For Children's Party Tickets

(Continued From Page 1)

a stocking filled with candy, apple, orange and a toy. Appropriate movies will be shown and Christmas carols sung to complete the program.

While plans are afoot to thoroughly entertain the youngsters of Y-12 parents, the older folks are not to be neglected in any way. Another one of the full-of-fun dance-parties that have been enjoyed so much in the past will be presented by the Recreation Office on Thursday night, December 23, at the new Oak Terrace ballroom, formerly the Grove Recreation Hall.

Varied entertainment to appeal to all is being arranged for this affair, which will start at 9 p. m. and continue until 1 a. m. Of course, there will be plenty of dancing to the tunes of Skip Skipper and his orchestra. Then during intermission there will be contests staged in which prizes will be awarded the winners. A door prize also will be presented during

the festivities. Large Attendance Expected In past years these parties have drawn large and enthusiastic guest lists from the ranks of Y-12 employees and their friends, with all reporting having a big time. The 1948 edition of the dance-party is expected to be no exception.

Tickets for the adult's party will cost only \$1, including tax. They will be placed on sale throughout Y-12 during the next few days.

Y-12 Jaycee Men Will Sell Trees For Christmas

Many Y-12 employees who are members of the Oak Ridge Junior Chamber of Commerce will become "cedar sellers" shortly before Christmas, when they will join the other Ridge Jaycees in selling Christmas trees to citizens of Oak Ridge.

The Y-12 men include A. K. Bissell, Louis Gilpatrick, John Harding, Jim Keeton, Homer Hunter, Gordon Lindner, Russell Ralston, Clarence Johnson, Sylvester Nulle, Nick ZaBenco, Leo Hemphill, Ward Foster, Joe Gill, Cliff Henderson, Fred Hurst and Don Matlock.

The trees will be brought here from Kingsport and sold in the parking lot north of Jackson Square. The Jaycees will begin the sale soon enough to accommodate the early Yule decorators and they will also deliver the trees.

The Christmas tree sale has become an annual project for the Oak Ridge Jaycees. The plan has proved to be a big help to Oak Ridgers to facilitate them in obtaining trees.

SOUTHERN GENTLEMEN

Suh, the Southern gentlemen are as evident today as they were many years ago. According to a recent survey in Chattanooga it was found that men who doffed their hats in elevators, when ladies were present, outnumbered those who didn't, 10 to one.

Ceramic Society Meeting Scheduled For December 10

Oak Ridge, Norris and Knoxville will be hosts for the first meeting of a local section of the American Ceramic Society, the Southeastern states division, to be held on December 10 at the Farragut Hotel in Knoxville.

Prof. John W. Whittemore, national president of the society and head of the Ceramic Engineering Department at Virginia Polytechnic Institute, will be the principal speaker for the meeting.

The organization of a local section is the purpose of the Knoxville meeting and also to acquaint regional ceramic enthusiasts with each other.

All interested persons are invited to attend this meeting. Membership in the society is not necessary to attend the function. Further information may be obtained from Murray A. Schwartz, P. O. Box 415, Oak Ridge.

Application For Tickets To Christmas Party For Children Of Y-12 Employees

Two To Ten Years, Inclusive

EMPLOYEE'S NAME _____ BADGE NO. _____

HOME ADDRESS _____

NUMBER OF TICKETS REQUIRED (If parents included, please indicate _____)

-- NAMES --

1. _____ 2. _____ 3. _____
4. _____ 5. _____ 6. _____

Please return this form, properly filled out, immediately to the Y-12 Recreation Office, North Portal. Required number of tickets will be mailed to parents at their HOME ADDRESS.

**CARBIDE AND CARBON
CHEMICALS CORPORATION**
P. O. Box P.
Y-12 Area
Oak Ridge, Tenn.
(RETURN POSTAGE GUARANTEED)

Sec. 562, P.L.&R.
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 3

SPORTS NEWS IN Y-12

Y-12 Pinmen Score Over ORNL To Break Fourth Place Tie In Loop

The Y-12 varsity kegglers broke their fourth place tie last week and now have sole possession of the position in the City Bowling League after polishing off the Oak Ridge National Laboratory pinmen for three points.

The Y-12 quintet edged past the ORNLers with 42 points. They topped 2,444 pins in the series to 2,402 for the losers.

Whittaker Rolls High Score

Bruce Whittaker was the high series bowler for Y-12 with 512 pins. He was followed by Nelson Tibbatts with 511, Rudy Pletz with 481, Ernie Cobble with 477 and Nick ZaBenco with 461.

K-25 remained in the league lead by two points. Addressograph and Allard's ended up in a second place tie.

K-25 Man Sets Record

Cheadle, of K-25, racked up 267 pins in a single scratch game for the season's high. He bowled 646 for high series score for the season in the league.

The Y-12 topplers were slated to engage the Clinch Radio bowlers last night.

League standing follows:

Team	W	L	Team	W	L
K-25	33	11	Clinch Radio	22	22
Addressograph	31	13	ORNL	17	27
Allard's	31	13	R-A	15	29
Y-12	29	15	S & B	16	28
Marot	28	16	Grocers	14	30
Monroe	24	20	Fairchild	5	39

Politeness Prevails In C Pin League Play

The Moles dropped out of the second place tie in the C Bowling League after splitting with the Hooks and now are in a tie for third place with the Bldg. 9206 kegglers, who split four points with the Materializers.

It was a splitting night for all teams with the one exception of the league leading Knucklebusters who topped the Orphans for three points and dropped one.

The Thin Pins and the Guards kept the split record intact by dividing four points.

The Hooks bowled the high team games in the handicap series and single classes. Their 2,791 pins in the series class was high along with 973 pins in the single class.

Individual highs were scored by Thomas, of the Guards, and Knox, of the Materializers. Thomas topped 644 pins in the series while Knox tallied 243 in the handicap single game.

Golf Club Sets Dance; Lavers Is Reelected

Members of the Oak Ridge Golf and Country Club and their friends will enjoy a dinner-dance Saturday night, December 4, at the Oak Terrace. A varied program of entertainment is being arranged for the occasion and newly elected officers for the coming year will be presented.

The new officers for the club include W. D. Lavers, of Y-12, re-elected president; A. J. Kessing, vice president; B. M. Riney, treasurer; and Gentry Underwood, of Y-12, secretary.

A cocktail hour at 7 o'clock will usher in the dinner-dance, followed by dinner at 7:30 p.m. During dinner a fashion show will be staged. Dancing to Skip Skipper's orchestra will follow at 9 p.m. and a floor show will be presented during the dance.

Club members in Y-12 may obtain tickets from W. L. Scott, Harold Duncan, Gentry Underwood, Ken Bernander and Nelson Tibbatts. Tickets for the entire evening are \$8 per couple while admission to the dance only will be \$3 per couple. Persons wishing table reservations must make them before 4:30 p.m. Thursday, December 2, with Mrs. H. C. Manley, telephone 5-1616.

725 Thanksgiving Dinners Served At Y-12 Cafeteria

Approximately 725 full turkey dinners were consumed by Y-12 employees at the plant cafeteria last Wednesday when Cafeteria Superintendent George J. McNamee offered a special Thanksgiving dinner. More than 900 persons were served during the lunch hour and at times long lines wound around the big dining hall as patrons awaited service.

Another special dinner is expected to be served just before Christmas and the date and menu will be announced later in The Y-12 Bulletin.

The Cafeteria staff handled the big crowd with no delays, although Superintendent McNamee reported Head Chef Jess Durrett was requesting a wheel chair for transportation to North Portal after the service was completed.

Getting this \$50 from my husband was like taking candy from a baby."

"Honest?"
"Yes, he put up a terrific holler."



58568

Y-12 Photos By Vince Moore

PRAISE THE LORD AND PASS THE BALLS, BROTHER, The Wholly Rollers of the Y-12 women's bowling league are shown above "in session". Pictured from left to right are Dell Walker, Nazy Carson, Betty Sherman, Lucy Murphy and Ethel Bow.

Standings In Plant Bowling Leagues

Team	C LEAGUE		W	L	
	W	L			
K'busters	34	14	Thin Pins	24	24
Materializers	29	19	Hooks	21	27
Moles	28	20	Guards	17	31
Bldg. 9206	28	20	Orphans	11	37

Declassification Aid Given Science Writers

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if the commission had not recognized the importance of such declassification tasks being well performed.

Procedure Is Simple

All any employee of Y-12 or of any AEC contractor has to do to obtain declassification of material intended for public consumption is to send the manuscript through plant security channels before the speech is given or article written. If the material is suitable for release it will be cleared by the declassification group.

This procedure provides a simple means whereby any employee can have his work published or approved for delivery in speech form and at the same time be completely relieved of any fear that his article or speech might be endangering the security of the country.

Breaches of security have occurred because some persons either ignore the prescribed regulations or use them after some information already has been released. It is such incidents at which the security regulations of Y-12 are aimed and the plant security office, North Portal, telephone 7125, is ready at all times to provide complete information on the rules covering secrecy on Y-12 operations or to assist anyone desiring to pass along information that is permissible under law.

Ridge Building Permit Office Now In Roane-Anderson Site

The Oak Ridge Building Permit Office, formerly located in the City Administration Building, has been transferred to the Roane-Anderson Company's housing office in Jefferson Circle.

Building permits may be obtained by making application at the Roane-Anderson Housing Office between 8 a.m. and 5 p.m. on Monday through Friday. Concession building permits can be obtained through the Roane-Anderson Concessions Department in the main Roane-Anderson building.

Additions To Y-12 Technical Library

MATHEMATICS

QA 47—Zimmerman, O. T. and Lavine, Irvin, "Conversion Factors and Tables." Dover, New Hampshire, Industrial Research Service, 1944.

QA 276—Baten, William Dowell, "Elementary Mathematical Statistics." New York, Wiley, 1938.

QA 276.5—Freeman, H. A., "Sampling Inspection." Statistical Research Group, Columbia University, New York, McGraw Hill, 1948.

QA 300—Doherty, Robert E. and Keller, Ernest G., "Mathematics of Modern Engineering." Vol I, New York, Wiley, 1936.

QA 300—Keller, Ernest G., "Mathematics of Modern Engineering." Vol. II, New York, Wiley, 1942.

QA 300—Murnaghan, Francis D., "Introduction to Applied Mathematics." New York, Wiley, 1948.

QA 406—Widder, David Vernon, "The Laplace Transform." Princeton University Press, 1941.

PHYSICS

OC 311—Gibbs, J. Willard, "The Collected Works of J. Willard Gibbs." Volume I, Thermodynamics. New Haven, Yale University Press, 1948.

OC 544.V3—Spangenberg, Karl R., "Vacuum Tubes." First Ed., New York, McGraw-Hill, 1948.

CHEMISTRY

QD 461—Cranston, John A., "Rational Approach to Chemical Principles." London, Blackie and Sons, Ltd., 1947.

TECHNOLOGY

TK 6553—Radio Research Laboratory Staff, "Very High-Frequency Techniques." Edited by Herbert J. Reich, Vols I and II, Twin City Printing Co., 1935.

MISCELLANEOUS

AY 64—New York International Book, "The New International Year Book." Edited by Henry E. Vizetelly, N. Y., Funk and Wagnalls, 1948.

HF 54—Hausdorfer, Walter, "Handbook of Commercial, Financial and Information Services." N. Y., Special Libraries Association, 1944.

Z Ref.-673—Special Libraries Association, "Directory of Members of Special Libraries Association as of January 1, 1948." N. Y., SLA, 1948.

Z Ref. 6945—"Printers' Ink Directory of House Organs." New York York, Printers' Ink Publishing Co., 1947.

Z Ref. 6945—Gessiness, Bernard, "Union List of Scientific and Technical Periodicals in the Libraries of Greater Cincinnati." Cincinnati Section of the ACS, 1948.

Varsity Cuemen Break Loop Tie For Fourth Spot

The Y-12 "Sharks" moved back into the win column last week by splitting six points with the K-25 cuemen. This split enabled the varsity quintet to join the Oak Ridge National Laboratory team in a tie for first place in the City League.

K-25 now occupies third place and Roane-Anderson fourth in the league. The Y-12 team was scheduled to tangle with the ORNL boys last night.

The next match will be on Sunday, December 5, at the Cue and Cushion at 7:15 p.m.

Red Weist scored a win over his opponent in the match last week with K-25 by pocketing Gordon of K-25, 75-41. Bill Walker and W. B. Motley won both of their games for Y-12 by defeating Linville and Carter. Jack Remine lost his match to Sproles, of K-25, with a 35-75 tally. H. M. Burnett only managed to score nine points in losing to Ressler of K-25.

Y-12 won three of the five matches yet lost one point to K-25, who scored the highest series total.

Dr. Householder Concluded Seminar Session This Week

All Y-12 scientific and technical personnel are urged to attend the meeting of the Y-12 Seminar on Research Techniques scheduled for 3 o'clock Wednesday afternoon, December 1, in the west end of the cafeteria. The session will last until 4:20 o'clock.

Dr. A. S. Householder, of the Oak Ridge National Laboratory, will complete his tour of talks at the seminar on the subject of Curve Fitting. At the next meeting, to be held December 15, C. D. Susano, of Y-12, will speak on Nomo-



Y-12 Photos By Vince Moore

THE BETA PICK-UPS, above, are well up in the Y-12 women's bowling league. Shown from left to right are Cora Brundage, Billie Ferrell, Mary Gilliam and Evelyn Frazier.