



Y-12 BULLETIN

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



Volume 2, No. 7

OAK RIDGE, TENNESSEE

Tuesday, Feb. 17, 1948

DR. LARSON IS NEW Y-12 HEAD

Five Departments Have All Present; Plant Mark Good

The plant absentee record for the week ending February 8 dropped sharply from the 4.4 per cent posted for the previous week, the period ending February 8 showing only 2.8 per cent of Y-12 employees absent from work. In establishing this mark, five departments in the minor league turned in perfect attendance records and marks all along the line showed a general improvement.

Dispensary Reports Perfect Mark

Top honors for the week ending February 8 probably should go to Dept. A12D, Dispensary, which for the second straight week turned in a perfect work attendance record. Joining Dept. A12D at the top of the minor league, composed of departments with from 15 to 49 employees, were Dept. M13P, Product Processing; Dept. A12L, Employment; Dept. A12T, Transportation; and Dept. A12J, Industrial Services.

Second place in the minor league was held by Dept. A15N, Experimental Process Equipment Repair and Maintenance, which had an absentee of only .5 per cent. In third place was Dept. M12S, Steam Plant, which reported an even one per cent of its personnel absent.

New Leaders In Major League

All of the leaders in the major league, composed of departments with more than 50 employees, for the week ending February 1, were replaced for the week ending February 8. In first place with an absentee mark of only .4 per cent, was Dept. A12S, Receiving, Stores and Shipping, which advanced from eighth place. Jumping from 15th place to second was Dept. B12C, Chemical, with an absentee mark of 1.7 per cent. Holding down third place after stepping up one notch in the standings was Dept. B12L, Analytic Laboratory, with an absentee mark of 1.91 per cent.

The big drop in group absentee percentage for the week ending February 8 was reported in the minor league. Its 2.5 per cent record was 3.1 per cent lower than the previous week. In the major league the group absentee mark was 2.9 per cent, 1.1 per cent lower than (Continued on Page 3)

Fuel Conservation Urged In Plant

All Y-12 employees have been urged to comply with the request of President Truman to conserve fuel by economizing in the use of steam and electric current in any manner that will not interfere with plant operations.

It is suggested that in office and other work areas heated by steam, a substantial saving may be made by adjusting radiators to prevent overheating and to maintain only a comfortable temperature. Radiators should be turned off when the area is not in use.

A further saving may be effected by turning off electric lights and other electrical equipment when they are not needed.



BEHIND THE SCENE IN THE NEW Y-12 CHECK CASHING FACILITY are T. A. Williams and Verna Peckman, who will preside there on paydays to cash employees' pay checks. In the foreground are Geneva Caldwell, Kay Orton and R. R. Tippey, inspecting the new office.

Check Cashing Facility In Y-12 Opens To Accomodate Employees

For the convenience of all employees, the Y-12 Check Cashing Facility will be opened Friday, February 20, in Bldg. 9723-12. This central location is directly across First Street from the new cafeteria in Bldg. 9711-5. The telephone number is 7551.

The Check Cashing Facility, another employee service set up by the Company, will be open from 7 a. m. until 4:30 p. m. every Friday to cash Company payroll checks. The Facility also will be open on the same hours on paydays for monthly pay roll personnel.

On other days than paydays, Company payroll checks will be cashed at the office of the Cashier, Room 15, Bldg. 9704-2. However, the Cashier's office will not cash Company payroll checks on Fridays or on paydays for monthly payroll employees.

Identification By Badge
All Y-12 employees may avail themselves of the services of the new Check Cashing Facility. Identification will be by badge. Employees will be allowed to cash only their own pay checks, which must be presented in person.

The Company has planned installation of the Check Cashing Facility for several months but the opening has been delayed because (Continued on Page 3)

Carbide Wives Meet Wednesday
All wives of Y-12 employees have been invited to attend the regular monthly meeting of the Carbide Wives at 7:30 o'clock tomorrow night in the East Lounge of the Ridge Recreation Hall. Bridge and rummy will be played and refreshments served at the close of the meeting.

Hostesses for the meeting tomorrow night will be Mrs. E. W. Evans, Mrs. J. F. Mannerschmidt, Mrs. W. H. Watterman, Mrs. G. E. Simpson, Mrs. B. H. Shibley and Mrs. A. H. Fowler. (Continued On Page 2)

Former Research And Development Director Succeeds C. N. Rucker; Other Changes Are Announced

Dr. C. E. Larson became Y-12 Superintendent, effective February 10, succeeding C. N. Rucker, who has been transferred to the X-10 plant. Dr. Larson has been Director of Research and Development in Y-12 for several months.

In a plant bulletin issued in Y-12 last week, Dr. Larson made the following announcement, effective February 16:

"Mr. W. D. Lavers will assume the duties of Assistant Superintendent in charge of engineering and production.

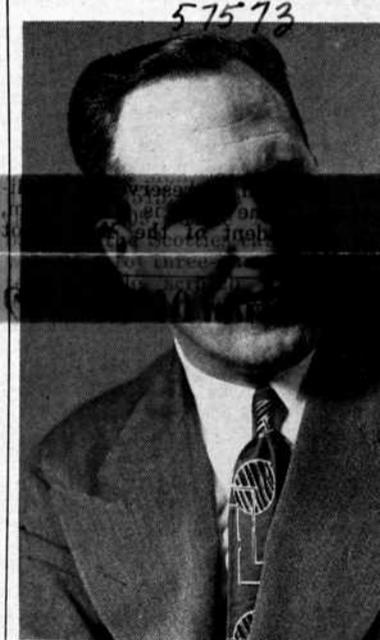
"Mr. Ed Cain will assume the duties of Assistant Superintendent in charge of industrial relations.

"Dr. E. D. Shipley will assume the duties of Director of Research, reporting directly to the Y-12 Superintendent.

"Mr. J. M. Herndon, who formerly reported to Dr. Larson, will report to Mr. W. D. Lavers. All personnel now reporting to Mr. Herndon will continue to do so.

"Mr. C. S. Harrill will assume the duties previously performed by Dr. Shipley and will report to Dr. Livingston."

Dr. C. E. Larson Is Y-12 Pioneer, Arrived In 1943



Dr. C. E. Larson

Dr. Clarence E. Larson, newly appointed Y-12 Superintendent, really grew up with the plant. He came to Oak Ridge July 1, 1943, back in the days of dirt and dust, toil and hustle in which the Atomic City came into being.

Holding a Ph.D. degree in chemistry, Dr. Larson progressed right along with the development of Y-12, advancing to the position of Director of the Research and Development Division.

In 1928 he entered the University of Minnesota, majoring in chemistry, and graduated four years later. While attending the University of Minnesota, Dr. Larson spent several summer vacations earning his money "the hard way," toiling on heavy building construction jobs and plant operations.

Got Ph.D. At California

Upon graduating from the University of Minnesota he went to the University of California at Berkeley, where he received his Ph.D. in chemistry in 1937. After his graduation from the University of California he took a position as professor of chemistry and later became Chairman of the Chemical Department at the College of the Pacific, at Stockton, Cal.

After Pearl Harbor he took a position with the Radiation Laboratory of the University of California, where he remained until leaving to come to Oak Ridge.

Belongs To Honorary Fraternities
Dr. Larson holds memberships in two honorary fraternities. They (Continued on Page 3)

Division Contest Won By Fire Department

Dept. A14J, the Y-12 Fire Department, placed first in the monthly fire, safety and security contest for the month of January in the Industrial Relations Division, scoring 96.75 points out of a possible 100 points. The inspection committee of the division reported great improvements were noted in all departments over the initial month of the contest held in December.

Two Tied For Second

Two groups were tied for second place, each with 96 points out of a possible 100. They were B12A, Superintendents; and Dept. A12L, Employment. Six departments improved their December standings, while only two showed lower standings than those recorded the previous month.

In third place in the January contest was Dept. A12G, Guards, with a score of 94.66. Following in order were Dept. A12D, Dispensary, 94 points; Dept. A12J, Safety and Security, 93 points; Dept. A12R, Cafeteria and Canteen, 92.69 points, and Dept. A12J, Industrial Services, and Dept. A-15J, Recreation, a combination entry, with 90 points.

The improved marks in the division are attributed by the inspection committee to full cooperation of employees and supervision in observance of existing plant regulations in fire prevention, safety and security.

Y-12 Bulletin

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Four Y-12 Men In Lions Club Minstrel Cast

The cast for the Oak Ridge Lions Club minstrel show, to be staged at the high school auditorium February 26, 27 and 28, includes four Y-12 men. These Lions Club members are L. O. "Bill" Bonham, Dept. A12M; Robert L. Knight, Dept. H12E; H. E. Buckminster, Dept. A12W, and Elmer Olson, Dept. H12E.

Bonham is cast as an end man and the Negro shuffle dance he learned while living in New Orleans for eight years, will be one of the minstrel show features. Although a non-professional, Bonham has entertained Oak Ridgans on numerous occasions with his specialty dance. Bob Knight, the other Y-12 end man, will do a solo number entitled "Kentucky Babe," accompanied by the chorus. Buckminster and Olson will be members of the chorus.

Ticket sales started February 5 at the M. K. Flenniken insurance office on Jackson Square, and more than 400 were sold the first three days of the sale. The Lions Club show will be the first adult minstrel ever staged in Oak Ridge, and all seats will be reserved. Coordinator for the show is C. P. Keim, Superintendent of the Y-12 Phot

Protection Of All Y-12 Restricted Data Vital

(Continued from Page 1)
existence and location of all such records and data, to preserve all documentary data for reference purposes and to destroy such data when it becomes obsolete or surplus. In carrying out this program it is the responsibility of every supervisor in Y-12 to be familiar with all provisions of Standard Practice Procedure No. 55 to be sure that the treatment of restricted data under his jurisdiction is in accordance with existing security regulations.

Supervisors Have Responsibility
It also is the responsibility of every supervisor to inform his employees of their responsibility with respect to security regulations and, if in doubt, to refer questions regarding security to the Security Office, North Portal, telephone 7125, where such information will be given.

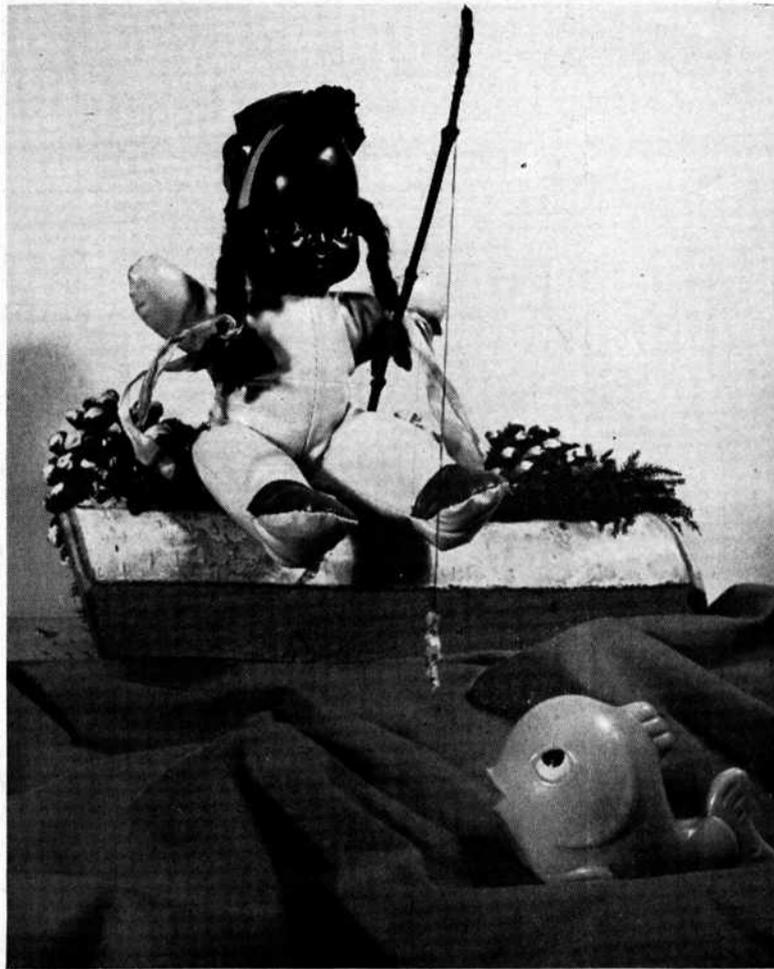
Access to restricted data shall not be granted an employee until after he has been granted security clearance, as evidenced by his having been issued a picture badge. Then such access will be limited to information required by the employee in performance of his duties. **Must Limit Distribution**

No employee shall be entitled to possession of restricted data solely by virtue of his position. Also, every person having access to restricted data not only is responsible for properly limiting distribution of such data, but also for insuring that he himself acquires only such information as he needs in properly carrying out his assigned work.

To make the Y-12 security program entirely successful, the cooperation of every employee is urged in fulfilling every provision of the regulations.

The moot question of "What is a pink elephant?" was being discussed. The consensus of opinion was that it is a beast of bourbon. cyclopedia, Vol. I, II, and III." N. Y., Plastics Catalogue Corporation, 1947. 782 pages.

Frank Neill's Table Top Picture Wins Camera Club Print Contest



THIS INTRIGUING TABLE TOP PHOTOGRAPH BY FRANK NEILL, Dept. H12E, took top honors in a black and white print competition held last week by the Carbide Camera Club. It is entitled "Just A Fishin'."

Artistically and effectively assembling and posing his subject matter, Frank Neill, Dept. H12E, authored the prize winning "table top" picture in the black and white print contest held last Tuesday night by the Carbide Camera Club. Second and third place in the contest were won by Don Ross, also of Dept. H12E in Y-12.

Entitled "Just A Fishin'", Neill's entry showed a pickaninny doll perched on a seat arranged with pine cones and ferns and dangling a baited hook above the head of a very futuristic-looking fish that is casting longing eyes at the tempting morsel.

Table top photography, the classification for the contest last week, involves taking pictures of small object arranged on a flat surface. For the best results, much care must be given to arranging the objects and to the lighting.

The next meeting of the Carbide Camera Club will be held at 7:30 p. m., Tuesday, March 9, in the club headquarters in the Y-12 East Portal building, according to Foster Calloway, of Y-12, president of the club. One of the features of the program, to be announced in full later, will be a color slide contest on the subject "Adult People."



Three births were reported to Y-12 families at the Oak Ridge Hospital last week. Parents were Mr. and Mrs. George J. Fisher, a daughter, February 5; Mr. and Mrs. Max William Goins, a son, February 6; Mr. and Mrs. Robert K. Bennett, a son, February 8.

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week; James C. Nelson, Dept. M13C; Frank Darby, Dept. A14N; Frederick Uffelman, Dept. M12M; Jane Hensley, Dept. M12P; Guy T. Wells, Dept. B12L; Shirley Brown, Dept. A12S; Ethel O. Rose, Dept. M12P.

LAUGH A LITTLE

National Laugh Week will be observed April 1-8, according to a list of special weeks compiled by the United States Department of Commerce published in a pamphlet containing 25 pages.

Additions To Y-12 Technical Library

Science

Q 213-Ref.—Wiener, Peter F., "German for the Scientist (Chemist and Physicist)." N. Y., Chemical Publishing Company, 1946. 172 pages.

Mathematics

QA 211—Thomas, Joseph Miller, "Theory of Equations, First Edition." N. Y., McGraw-Hill, 1938. 210 pages.

QA 318—Hodge, W. V. D., "The Theory and Applications of Harmonic Integrals." Cambridge, University Press, 1941. 281 pages.

Physics

QC 173—Johnson, R. C., "Atomic Spectra." London, Methuen and Co., 1946. 120 pages.

QC 401—Bhagavantam, S., "Scattering of Light and the Roman Effect." N. Y., Chemical Publishing Company, 1942. 333 pages.

Chemistry

QD 63.D6—Reilly, Joseph, "Distillation." London, Methuen and Co., 1936. 120 pages.

QD 181.A3—Addicks, Lawrence, "Silver in Industry." N. Y., Reinhold, 1940. 639 pages.

QD 511—Glasstone, Samuel, "Thermodynamics for Chemists." N. Y., Van Nostrand, 1947. 522 pages.

Technology

TK 2797—Teago, and Gill, "Mercury Arcs." London, Methuen and Co., 1936. 104 pages.

DR. BENNING RESIGNS

Dr. Charles H. Benning has resigned from the office of director of the Oak Ridge Department of Public Health and will be succeeded by Dr. George F. Moench, of Hillsdale, Mich., it has been announced by the city manager's office.

GIRL SCOUTS TO MEET

The Oak Ridge Girl Scouts will hold their annual meeting at 7:30 o'clock tonight at their headquarters on the Oak Ridge Turnpike, and will follow a business session with entertainment in honor of Eugenia Rives, the new executive director.



Nancy Doane, Dept. H12D, spent a recent weekend with her parents in Lexington, Ky.

Dept. A14N wishes a speedy recovery to Frank Darby, the popular basketball referee, who is ill in the Oak Ridge Hospital . . . J. O. Blackburn has returned from a vacation which he spent quietly in Oak Ridge.

Opal Griffin, Dept. A12L, is back at work after a brief illness.

Dept. H12L sends get well wishes to W. E. Burkhart who is ill at his home in Oak Ridge.

Wilbert Hamby, Dept. A12M, has returned from a recent vacation.

Dept. A13S sends get well wishes to Shirley Brown who is ill.

Dept. A12S welcomes Helen Caylor into the department . . . J. H. Talley is on a two-week vacation.

R. R. McNatt, Dept. A14J, returned Monday from a weeks vacation.

Dept. A12G extends sympathy to W. F. Vermillion whose mother died February 10 at her home on Jacksboro Pike, Knoxville. Mrs. Vermillion, who died at the age of 80, was the descendant of pioneer settlers of Campbell County, Tenn., and began her career as a teacher in public schools of Campbell County at the age of 16.

Dept. A12R welcomes Willie Braden back to work after a short illness . . . Maye Hensley is vacationing this week.

Elmer Green, Dept. A17N, and Avery Kendig, Dept. A12M, were among the spectators who attended the Golden Gloves boxing tournament finals in Knoxville recently.

Dept. A12N extends get well wishes to W. T. McNamara who is ill at his home in Knoxville.

Lou Kelly, Dept. A12J, enjoyed a recent weekend trip to her home in Pennington Gap, Va.

Thelma Cole, Dept. B12L, spent a recent weekend at Jonesboro, Tenn., where she was the guest of Evelyn Carpenter Brobeck, former Y-12 employee.

Flossie McGhee, Dept. A19N, went to Middlesboro, Ky., recently to welcome her first grandson into the family.

Chemists Asked To Hear Dr. Sauer

Y-12 members of the East Tennessee Section of the American Chemical Society and others interested in the work of the organization are invited to a meeting tonight in Knoxville when the principal address will be delivered by Dr. Robert O. Sauer, of the General Electric Co. Research Laboratory. His topic will be "Methylchlorosilanes and their Derivatives" and both scientific and practical applications will be discussed.

Dr. Sauer's talk will be made at a meeting to start at 8 p. m. at Dabney Hall, University of Tennessee. This meeting will be preceded by a dinner for members at the S & W Cafeteria on Gay St., where members have been asked to start through the line promptly at 6:15 p. m. and then proceed to Room 5, Third Floor.

'Night Must Fall' Opens Thursday

"Night Must Fall," a psychological thriller, described by a New York paper as "morbidly terrifying," will be presented Thursday, Friday and Saturday at the Oak Ridge High School auditorium with each performance starting at 8:15 p. m. Produced by players of the Community Playhouse, it is their first show to be directed by a professional.

Stage manager for the production is Evan Means, Dept. A14N, and Mal Wallis, another Y-12 employee will assist behind the scenes. Marshall Lockhart, wife of George Lockhart, Dept. A12N, takes the part of "Mrs. Terance," the housekeeper in the play. Martha Ross, wife of Don Ross, Dept. H12E, is make-up manager.

Nell: "How do you make love?"
Belle: "You don't. You just stand still and defend yourself."

Norman Absent Only Two Days Since Employed



CHECKING GRAPH READINGS on a boiler meter that checks the steam output is A. H. Norman, above, who has been absent but twice since being employed in Y-12 in July, 1943.

A. H. Norman, steam plant engineer at Y-12 in charge of the steam plants at Bldgs. 9401-1 and 9401-2 has missed only two days of work since beginning his employment here on July 17, 1943.

Both absences were excused. However, during that entire period, extending over four years and five months, Norman's Y-12 attendance record is free of any tardiness.

Norman, who lives at 101 Venus Road, Oak Ridge, says he has seven reasons for being on the job regularly and keeping his nose to the grindstone. One is a wife, and the others are his six children. Three of the children are of school age and the others are younger.

Norman came to Y-12 with a previous work attendance record which he established in a 10-year employment period with only three days' absence at the Mead Paper Co., at Harriman, Tenn. During that 10-year stretch, Norman worked seven days a week—and liked it, he said, for he finds recreation in doing a good job.



PATTERSON-WOOLUM

Miss Wynetta M. Woolum, former Y-12 employee, and Dayton H. Patterson, of the Y-12 Guard Dept., were married at 4:30 p. m., Saturday, February 7, at Rossville, Ga. The ceremony was performed by the Rev. George W. McClure.

The bride is the daughter of Mrs. Ann White, Cincinnati, Ohio. The groom is the son of Hugh S. Patterson, of Bells, Tenn.

For the ceremony the bride wore a taupe suit with brown accessories and a single strand of pearls, the gift of the groom. Her flowers were pink rosebuds centered with a gardenia.

The maid of honor was Miss Evelyn Tucker, who wore a light blue suit with brown accessories and carried a bouquet of red carnations.

Ewell Teague, of Ramer, Tenn., was best man and other attendants included Mr. and Mrs. Howard Peckman, of Oak Ridge.

PROTESTANT SERVICES SET

The Ministerial Association of Oak Ridge has planned a Good Friday service at the Chapel on the Hill, March 26, and an Easter Sunrise service at Blankenship Field. Both services will be presented by the combined Protestant churches of Oak Ridge.

Dr. C. E. Larson Y-12 Pioneer, Arrived In Ridge In 1943

(Continued from Page 1)

are the Phi Lambda Upsilon, an honorary chemical fraternity; and the Sigma Xi, honorary graduate scientific group.

Despite the arduous duties of his job, the big, cheery Minnesota native has found time to participate in outside activities. Formerly a member of his home-town tennis team, he still enjoys a sharp game on the court, limited now to doubles competition. He also is a member of the Oak Ridge Golf and Country Club and his golf scores, he says, range in the "eighties."

Is Amateur Radio Operator

At his home, 108 Oneida Lane, he operates one of Oak Ridge's amateur radio stations. Recently his activities in this field have been limited to a weekly conversation with a nephew in Minnesota.

Born in Colquet, Minn., September 20, 1909, Dr. Larson received his early education in that community and participated in the usual sports of hockey and skiing.

Son "Publishes" Newspaper

The Y-12 Superintendent is married and his wife has been active in the work of the Oak Ridge Garden Club and other women's groups. They have one son, Bobby, 9, who became a publisher of an Oak Ridge newspaper for neighborhood distribution, the Oneida Lane News, shortly after receiving a small printing press as a Christmas present in 1946. It was the first Oak Ridge publication to have a regular paid subscription list. The publication has continued and thrived at one cent per copy, the proud father reports.

Five Departments Report Perfect Attendance Marks

(Continued from Page 1)

the previous week.

The plant absentee record by departments for the week ending February 8 follows:

MAJOR LEAGUE More than 50 Employees			
Dept.	Percentage		Standing
	Absent	2-8-48	
A12S	0.4	1	8
B12C	1.7	2	15
B12L	1.91	3	4
B12H	1.92	4	1
A16N	2.2	5	5
A14J	2.3	6	3
A13N	2.46	7	6
H12L	2.49	8	12
A12G	2.7	9	2
A14N	2.97	10	9
A17N	3.03	11	10
H12E	3.2	12	11
A12M	3.8	13	7
M12P	4.6	14	13
H12D	4.7	15	14
R13L	5.2	16	17
A12W	7.2	17	16

Group absentee percentage was 2.9 per cent, 1.1 per cent lower than the preceding week.

MINOR LEAGUE 15-49 Employees			
Dept.	Percentage		Standing
	Absent	2-8-48	
A12D	0.0	1	1
M13P	0.0	1	6
A12L	0.0	1	6
A12T	0.0	1	12
A12J	0.0	1	1
A15N	0.5	2	4
M12S	1.0	3	5
A13S	1.4	4	9
A13T	2.0	5	10
B12A	2.4	6	2
A12R	3.3	7	7
A12N	4.1	8	8
B13C	6.66	9	13
A19N	6.66	9	14
A12A	6.8	10	11

Group absentee percentage was 2.5 per cent, 3.1 per cent lower than the preceding week. The plant average for the week ending February 8 was 2.8 per cent lower than the preceding week.

Mrs. Lavers Gets Title Role In 'Merry Widow' Operetta

Mrs. Vashti Lavers, wife of W. D. Lavers of Y-12, has been chosen for the title role of 'Sonya' in the forthcoming production of Franz Lehár's operetta 'The Merry Widow.' The musical will be presented in March by the Oak Ridge Civic Music Association.

Mrs. Lavers will be remembered for her previous performances in two Oak Ridge Community Players productions in 1944. Other roles in the operetta are taken by Lucy Ruzicka, Leonard Fromm, Ray L. McCloud, Lowell Disslen, J. Jacobson, Luther Jones, Dick Snyder, Bob Siebert, Mary Wilkins, Charlotte Bensey, Dottie Carlson and Curtis Palmer.



MEMBERS OF THE Y-12 FIRE DEPARTMENT are shown above demonstrating the use of the Emerson resuscitator, inhalator and aspirator, an apparatus that breathes automatically for persons whose breathing has been stopped by an accident. Left to right are Tom Chambers, Billy D. Hicks, J. D. Chew, W. C. Golden, Capt. Dave Turner, J. C. Hastings, D. A. Hyde and Lieut. C. R. Wall. The "patient" is Clyde Cook.

Emerson Resuscitator Recently Added To Y-12 Fire Department First Aid Equipment; Machine Breathes Automatically

An unusual appearing apparatus, the Emerson resuscitator, inhalator and aspirator, recently has been purchased by the Y-12 Fire Department to add to its first aid equipment designed to care for any emergency that might arise to cause injury to an employee. The Emerson apparatus, with its intricate and efficient mechanism, actually breathes automatically for a person whose respiration has ceased after being overcome by gas, water or other cause.

The apparatus has been approved by the American Medical Association, and is being used by many leading industrial organizations, police and fire departments, hospitals and the Army and Navy. Numerous instances of its worth have been proved in actual practice, one of which was in Knoxville just a few days ago when an Emerson resuscitator was used to revive a man overcome by gas fumes in an unventilated bathroom.

Performs Three Functions

The Emerson equipment performs three separate functions:

1. Resuscitation—Operating on the energy of oxygen tanks, it automatically breathes for the patient, adjusts itself to lung capacity and signals when an obstruction in breathing passages occur.
2. Aspiration—The instrument aspirates mucous or secretions from the air passages into a suction bottle.
3. Inhalation—Administers oxygen to the patient.

Kept Ready For Service

The Emerson instrument is kept in constant readiness by the Y-12 firemen for use and at the scene of an emergency can care for two patients simultaneously. Training in proper use of the equipment is taken by all members of the Fire Department so that no delay will occur in administering its functions at the scene of a mishap.

The resuscitator carries a sufficient oxygen supply to operate for about 30 minutes. When it is necessary to change one of the two cylinders, the small ones in the apparatus are removed and large cylinders attached to replace them. The change can be made without interruption to operations of the resuscitator.

Machine Relieves First Aider

In any case of accident in the plant where breathing by a victim has stopped, artificial respiration as taught in the first aid course now being offered all Y-12 employees should be started immediately at the scene of the mishap. Meanwhile, an immediate call for an ambulance should be made by dialing 7345. On arrival of the ambulance containing the Emerson apparatus, the first aider will be

FIRST AID TRAINING OBJECTIVE OUTLINED

The first aid training program being given in Y-12 has a three-fold goal. These objectives are:

1. To check any conditions that might endanger the life of an accident victim.
2. To prevent further injury to an accident victim or aggravation of injuries already sustained.
3. To make the patient as comfortable as possible.

All of these aims, of course, are carried out by the first aid operator until medical aid arrives.

relieved of giving artificial respiration with the work being taken over by the machine.

After the resuscitator has been applied to the patient, firemen place him on an especially designed stretcher, cover him well with blankets and remove him to where medical aid can be rendered.

May Have To Move Patient

The earliest possible application of artificial respiration to an accident patient is urged in the first aid training course, except where it is necessary to move the patient to avoid surroundings or conditions that might further endanger his

life.

If the patient is found in contact with a live electrical circuit he should be moved from the wires, particular care being taken by the rescuers not to come in contact with the live wires themselves, or the circuit be cut off. If the patient is found in a gas-filled room he also must be moved immediately to a safe place before artificial respiration is started. This also would be applied to certain cases of suffocation.

Firemen Trained In Use

All members of the Y-12 Fire Department have been properly trained not only in the use of the Emerson apparatus but also in other forms of rescue work involving use of all types of fire fighting equipment, administration of first aid and various types of gas masks.

In the Knoxville case previously mentioned, an Emerson resuscitator given the Knoxville Fire Department by the American Legion was rushed to the scene where a 60-year-old man had been overcome by gas. Less than eight minutes after the alarm was received the machine was set up by firemen and within a few minutes the overcome victim was revived and sent to a hospital, from which he was released a short time later.

Check Cashing Facility Opened To Aid Y-12 Employees

(Continued from Page 1)

of a shortage of materials needed to construct the quarters for the purpose.

Will Cash AEC Checks

In addition to Y-12 employees of Carbide and Carbon Chemicals Corp., arrangements have been made to cash pay checks of employees of the Atomic Energy Commission stationed in the Y-12 plant area, either at the Cash Cashing Facility or at the office of the Cashier, depending on the schedule previously announced.

Several Y-12 Dads At Scout Supper

A large number of proud Y-12 fathers of Boy Scouts and Cub Scouts of various Oak Ridge troops attended the annual father and son box lunch supper held February 10 at the Grove Recreation Hall. City Manager L. Z. Dolan, himself once a Boy Scout in Des Moines, Iowa, was the principal speaker at the supper and praised the Scout movement in Oak Ridge.

Elmer E. Grubb Funeral Held February 9 at Loudon

Funeral services were held Monday, February 9, at Loudon, Tenn., for Elmer E. Grubb, 53, a machinist in Dept. A16N, who died unexpectedly at the Oak Ridge Hospital Saturday, February 9. The Y-12 employee was stricken ill at his home, 105 Jarrett Lane, Oak Ridge, on the night before his death.

Interment was in the Stickey Cemetery, near Loudon. As Grubb was a veteran of World War I, military honors were bestowed by the American Legion post at Loudon.

Grubb is survived by his widow, Mrs. Alice W. Grubb, and five young children.

EXPENSIVE SNOWBALL

A \$2,000 diamond ring slid off the finger of Albert F. Kahle, Cincinnati business man, when he threw a snowball in a neighborhood frolic. Despite efforts of 15 men armed with a hose, siphoning apparatus and a welder's torch, the ring was not found.

To prevent cereal from lumping as it cooks, mix it in a bit of cold water before adding it to the boiling water.

Women Bowlers Sweep Three From Pine Valley Keglerettes

A surging Y-12 women's varsity kegling quint again took up a little more slack between its second place spot and the top rung in the Women's City Bowling League by clean-sweep on the three-game match with the Pine Valley Merchanteers while the loop leading Clinton Lab gals were able to negotiate only two out of three over the last place CS Laundry. Y-12 won the match on scores of 670-593, 734-614, and 727-600.

The clean sweep was accomplished with the following Y-12 individual scores: Dot Roberts 124, 158 and 176; Ann Hart 149, 144 and 137; Ann Prestin 107, 160 and 102; Daisy Brogan 139, 140 and 173; and Lora Tucker 151, 132 and 139.

The women's loop will suspend hostilities this week but when resumed Thursday night of next week at the Grove Alleys, Y-12 will roll against the sixth place Dodgers.

League standing follows:

Team	W	L	Team	W	L
Clin Lab	40	17	Ford Motors	27	30
Y-12	37	20	Jeffs	27	30
R-A	34	23	K-25	25	32
Fairchild	31	26	G. M'chnts	24	33
Morats	31	26	P.V. M'chnts	20	37
Dodgers	29	28	CS Laundry	17	40

Strikers Take Firmer Grip On D Area League Top Spot

The new pins at the Jefferson Alleys sat as tight as bugs in rugs, and the kegling in the D Area Bowling League last Tuesday night was nothing to write home about. However, the Strikers took a much firmer grip on the first place slot in reducing the Overheads on a four-point clean sweep. No top changes took place in league standings as the second place Wood Choppers and the fourth spot Termites split a quartet of points.

The only 500 scratch series rolled were chalked up by J. M. Schmitt, of the Old Men, who marked up a score of 515 and a single game tally of 209, while Neilson Tibbatts, of the Scotties came through with a 516 three-game total. A team single scratch game high was claimed by the Wood Choppers, with an 815 and a 1,015 for handicap tops for the night.

Tonight's D Area schedule matches the Scotties vs. the Splinters; Old Men vs. Calutrons; Wood Choppers vs. Strikers, and Overheads vs. Termites.

League standing follows:

Team	W	L	Team	W	L
Strikers	18	6	Scotties	12	12
W. Choppers	15	9	Overheads	10	14
Calutrons	14	10	Splinters	8	16
Termites	12	12	Old Men	7	17

Varsity Bowlers Defeat AEC; Roberts Again Tops Scorers

A two-out-of-three game triumph over the third-place Atomic Energy Commission representatives enabled the Y-12 varsity bowlers to remain positioned in second place and within one game of K-25, top team at present in the City Industrial Bowling League. Our team won the first game in last Tuesday night's rolling at the Central Alleys by a score of 820 to 770, added the second 859 to 775, but dropped the final game, 779 to 812.

Roy Roberts rolled three games of 164, 195 and 174, which added to his previous efforts, again put him atop the loop with a game average of 175. Scoring by Robert's teammates were Cobble, 178 and 155; Barker 169, 179 and 153; B. Whitaker 123, 154 and 165; Zabenko 186, 176 and 156; and Beckett 131.

Hostilities in the league have suspended for tonight because of activity in the city tournament but when resumed next Tuesday night, the Y-12 team will take on the Skidmore, Owens and Merrill aggregation.

League standing follows:

Team	W	L	Team	W	L
K-25	44	22	R-A	37	29
Y-12	43	23	Fairchild	19	49
AEC	42	24	Skidmores	13	53

When the teacher asked Johnny to spell the word straight he spelled s-t-r-a-i-g-h-t.
"Fine," said the teacher. "Now what does it mean?"
"Without ginger ale," Johnny replied.

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SPORT NEWS IN Y-12



Y-12 And K-25 Title Tilt Seen On February 23

Barring the remote possibilities of upsets, our scarlet-shirted varsity quint will meet the K-25 brethren from out West Turnpike way for the first half of the season title of the City Recreation Basketball League...

Tiller's Toilers Have Close Call Arnold Tiller's Y-12 hardwood court toilers clung to the shareholding of the loop top spot as a result of eeking out a hard-fought victory over an ever-threatening Clinton Lab quintet...

In the scoring department the Y-12ers resembled the Dionne quint as honors were spread evenly among the Tiller tilters. Rambling Ramsey hit four times from the field; Nobby Green chucked in three field goals and added two points on foul shots in two attempts...

Odds Even In Game

The odds in favor of Y-12 defeating K-25 in the playoff set for February 23 are practically nil, for although our boys won out over K-25, it was by just a one-point margin—Y-12 scored 33 to K-25's 32.

League standing as of last Thursday follows:

Table with 5 columns: Team, W, L, Team, W, L. Lists Y-12, K-25, Clin Lab, OR Motors, AEC and their opponents.

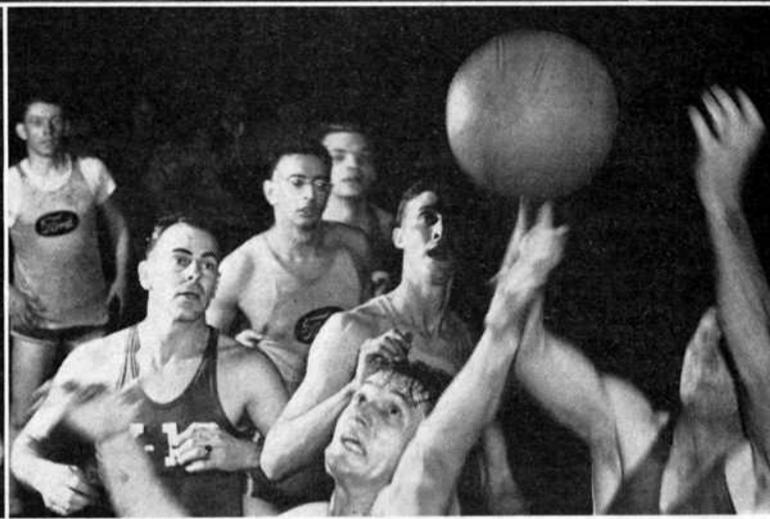
Cue, Cushion Cuman Crushed By 'Red' Wiest's Y-12 Lads

Our Y-12 cue holders invaded the lair of the Cue and Cushion outfit, "the first half invincibles" last weekend, and took the Mid-town sharp shooters for a two-out-of-three match victory.

The Y-12 team won the contest according to the following matches (first named are Y-12ers): Red Wiest 69, Motley 75; E. B. Galloway 51, Massie 75; Howard Burnett 75, Fant 68; Bill Walker 75, Boyd 50; and Fuzz Harris 75, Howard 39.



JUST BEFORE AND DURING THE BATTLE, BROTHER, are the valient varsity basketeers of Y-12. In the group picture at top, front row from left are Jack Baer, John Sewell and Fred Kappleman...



...ature but who played a whale of a game for Y-12, is shown just after he tossed a field goal. The ball is seen just entering the basket. Spark's head can be seen in the foreground and the Y-12 man at the right is Green...

PLANT CAGERS POINT FOR TOURNEY

Lab. Lassies Defeat Y-12ers In Thriller

One second to go. One foul shot to tie up the score. But Margaret Baker, the Y-12 lassie, who had already done more than her share to scalp the Clinton Lab gals...

Battle Close All The Way

The battle was nip and tuck all the way as indicated by the half-time score deadlock of 10-all. But Y-12 took a three-point lead as the game faded into its final moments...

Baker, the most improved cager in the loop, sparked the Y-12 offensive in garnering four shots from the field and two charity counters. Helen Brown recovered from a recent illness as shown by her three field goals and three points from the foul line...

X-10 Clinches Championship

The X-10 girls victory over the Y-12ers clinched the season's championship for them of the Women's City Basketball league. Y-12, a constant threat all the way, placed a close second. Last Wednesday night Coach Davis' girls took an easy 33 to 10 triumph over the K-25 quintet.

Anything Can Happen In Oak Ridge --- Wrong Goal Toss, Deflated Ball Present Problems In Cage Games

Page Robert Ripley and put in a call for a Solomon and a Hoyle. All three experts are needed after what happened in Oak Ridge sport circles last week where anything can happen and generally does. The extreme fag end in a Roane-Anderson plant league game had been reached when the referee tooted his tooter and indicated that a double foul had been committed...

The poor distraught referee, who does not earn his living officiating, called Arnold Tiller, Y-12 Recreation Supervisor, at 11:30 p. m., and implored our sports authority for an opinion. The sympathetic Tiller told the fellow he was no King Solomon.

Meanwhile in an Oak Ridge-Farragut High School game, the fans were startled to see the ball start to shed its skin in mid-air and collapse. What caused the cow-hide sphere to suddenly become over-ripe and peel, nobody knows; so it has just become another Oak Ridge mystery.

Big 'Uns Toss Weight Around By Beating Bldg. 9212 Pinmen

The ponderous Big'Uns again threw a lot of weight around last Thursday night at the Grove Alleys and knocked off a four-point clean sweep in their match with the second place Bldg. 9212 in the Plant Bowling League.

Single game high handicap game was captured by the Bottom Busters with 1,019. They also scored the high scratch game with an 865. The Wolves' 2,982 was tops for series high handicap. High handicap series was rolled by Haley, of the Knot Holers, with a 660, while Arnold Tiller of the Wood Butchers got himself a topper with a 256 for a single with handicap. Tiller also rolled high scratch game with a score of 223.

League standing follows: Wolves 31 5, Bldg. 9212 22 14, L' Jacks 22 14, B. Busters 21 15, Comets 20 16, Bums 18 18, Rippers 17 19, W. Butchers 16 20, Chemicals 15 21, K. Holers 15 21, Big 'Uns 13 23, One-91 8 28.

Second Half Schedule Concluded This Week

Games this week in the Plant Basketball League wind up the second half schedule and plans have already been laid by the Recreation Department to start a double elimination tournament Wednesday, February 25. Arnold Tiller, Y-12 Recreation Supervisor, said that a complete tournament chart would appear in next week's issue of The Y-12 Bulletin.

Insurgents Stage Uprising Predicted uprisings on the part of underdogs last week made the Scarboro hardwood court battlefield highly explosive as insurgents threatened to render several of the loop's top team hors de combat. The Time Keepers needed a desperate second half rally to turn back the Kilroys, 37 to 36, and the Guards found it necessary to call out reserves to win over the Old Men, the loop's youngest member, by the score of 24 to 21.

Rough House Five Romps

The Rough House Five, first half champs, ran over the Bldg. 9212 boys, 36 to 16, when Grimes netted four from the field and Thompson, Kappelmann, and Cottrell three apiece. However, The Rough House Five shares second half leadership with the Guards and each quintet shows two in the win column against no losses.

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