



Y-12 BULLETIN

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



Vol. 1, No. 27

OAK RIDGE, TENNESSEE

Tuesday, November 4, 1947

Express Bus To East End Eliminated

Changes in schedules of American Industrial Transit busses serving Y-12 will be made, effective Sunday, November 9.

Express busses originating at the Arkansas Cafe, in East Village, and covering the eastern section of Oak Ridge, will be discontinued November 9. These busses have been leaving the Arkansas Cafe to bring employees to Y-12 for the 7 a.m., 3 p.m. and 11 p.m. shifts. Express busses serving the 8 a.m. to 4:30 p.m. shift will remain on their present schedule.

Louisiana Line Being Checked

The express busses now traveling via Louisiana Ave. and serving Y-12 employees living in the western area of Oak Ridge will continue to operate on present schedule for the time being. A close check of passengers carried by these busses is being made and if it is found that the service is not required it may be discontinued later.

Passengers riding the East Village express busses will be given adequate service through regular bus lines when the express service is discontinued. AIT officials have assured.

Schedule To Y-12 Changed

In addition to discontinuance of the express busses to East Village November 9 the shuttle busses now running between Central Terminal and Y-12 will be placed on an hour and one-half hour schedule instead of the hourly schedule now in effect. These shuttle busses may be discontinued after midnight if a future check shows this move will not inconvenience Y-12 employees.

Industrialists Visit Y-12 Plant Thursday

Y-12 was host to a group of prominent industrialists last Friday when 10 members of an advisory body representing industry of the United States working in collaboration with the Atomic Energy Commission visited the plant. The group also visited other Oak Ridge installations.

While in Y-12, the group was entertained at lunch in the plant cafeteria and visited key points in the area.

In the visiting group were Dr. G. T. Feldback, a vice president of Carbide and Carbon Chemicals Corp., New York; James W. Parker, Detroit Edison Co., and chairman of the advisory committee; O. E. Buckley, president of the Bell Telephone Laboratories, New York; Donald Carpenter, vice president Remington Arms Co., Bridgeport, Conn.; Gustav Egloff, director of research for the Universal Oil Products Co., Chicago; Paul Foote, executive vice president of the Gulf Research and Development Corp., Pittsburgh; Isaac Harter, executive vice president of the Babcock and Wilcox Co., New York; J. C. Hunsacker, chairman of the National Advisory Committee for Aeronautics, Cambridge, Mass.; Gabriel O. Wessner, manager of power for the Tennessee Valley Authority, Knoxville; Robert E. Wilson, chairman of the board of the Standard Oil Co. of Indiana, Chicago; and Walker Cissler, Detroit Edison Co.

Better Record In Attendance Set By Plant

Dept. A12R, Cafeteria and Canteen, finally dropped from the perfect attendance class for the first time in six weeks during the week ending October 26; but four departments in Y-12 had no absentees during that period and the plant attendance mark as a whole was improved.

Four Have Perfect Marks

The four departments with the perfect attendance records all were in the minor league, composed of groups with 15 to 49 employees. These departments were B12A, Superintendents; A12L, Employment; M12S, Steam Plant; and A15N, Experimental Process Equipment Maintenance. Dept. B12A was in second place the previous week but the other three were not among the leaders.

In second place in the minor league was Dept. A12R, Cafeteria and Canteen, which had an absentee mark of only 0.5 per cent. In third place was Dept. A12N, General Maintenance Office, Planning and Estimating, with an absentee record of 0.7 per cent.

Dept. A16N Holds Top

Dept. A16N, Maintenance Shops, retained its place at the top of the major league, composed of departments with more than 50 employees, having 1.1 per cent of its personnel absent during the week ending October 26. In second place was Dept. A12M, Manufacturing Offices, with a record of 1.2 per cent while in third place was Dept. H12E, Process Development, with a mark of 1.4 per cent.

The plant absentee mark for the week ending October 26 was 3.1 per cent, 0.4 per cent lower than the previous week.

The plant attendance record by departments appears on Page 3.

Cancer Clinic Set At Ridge Hospital

A clinic for the detection and diagnosis of cancer will be conducted at the Oak Ridge Hospital every Tuesday between 2 p.m. and 4 p.m. beginning this week, it was announced by Dr. Lucius Salisbury, Hospital Director.

An information service to cancer patients is being conducted along with the clinic and will be under the direction of Mrs. Frances D. Gildersleeve, County Commander of the American Cancer Society's Field Army.

80 Per Cent Of Community Chest Goal Reached In Y-12 Drive; Quota Can Be Reached If Every Employee Contributes To Fund

Y-12 is climbing steadily toward its goal of contributing \$4,949.50 to the 1947 Oak Ridge Community Chest fund drive, a check of results in the campaign in the plant revealed last Friday morning.

At that time approximately \$4,000 had been either given in cash or pledges, representing approximately 80 per cent of the quota assigned.

Backed by the slogan "Y-12 Must Not Fail," Chest solicitors in Y-12 are continuing their efforts and have announced they will not cease until the goal is reached. They

Chest Drive Prize Awarded



F. C. Uffleman, seated left at table in shirtsleeves, Supervisor of Dept. M12M, receives a white elephant as prize for leading his department to victory in a Community Chest drive contest in the Chemical Division. At right is H. W. Saylor, Superintendent of Depts. M13C and M15C, donor of the prize who apparently is glad to get rid of the pale pachyderm for reasons given in the accompanying story. The presentation took place before a group of Dept. M12M employees shown in the background.

Dept. M12M Gets Trophy For Chest Record; Is Not Looking Gift Pachyderm In Tusks

Members of Dept. M12M down in the Chemical Division are rightly proud of their record in the Y-12 Community Chest Drive when they raised 105 per cent of their quota.

They likewise are proud of the prize awarded them for compiling the record—but at the same time are somewhat dubious over the

Y-12 Man Sought As Guard Officer

The 194th Engineer Combat Battalion seeks a Y-12 employee who held a World War II army commission to become an officer in Oak Ridge's new Tennessee National Guard unit, it was announced by Lieut. Col. William T. Sergeant, the organization's commanding officer.

A local recruiting campaign is being conducted to bring the unit to a peacetime strength of 500 enlisted men and 29 officers, and Colonel Sergeant expressed a desire to have the organization as widely representative of the area as possible. Former army officers at Y-12 interested in joining the unit are asked to communicate with Colonel Sergeant at phone number 5-1781, or at his office in Lakewood Hall on Tuesday nights.

white elephant presented by H. W. Saylor, Superintendent of Depts. M13C and M15C, to the department in the division that made the best showing in the Chest campaign.

It seems that F. C. Uffleman, Supervisor of the winning department, recalled that the elephant in question has a reputation for age approaching that of some of the patriarchs in the jungles. In fact, Uffleman believes, the elephant has been in custody of Saylor for many months—actually since he was made master of the beast awarded as a "booby" prize in good housekeeping and safety contest held nearly a year ago.

Anyhow, Dept. M12M is not looking a gift elephant in the tusks and is glad to have material recognition for their backing of the Chest movement.

Presentation of the prize took place last Wednesday in Bldg. 9706-1A as a group of Dept. M12M employees including Troy Elmore, Margaret Wilson, Kate Williams, Madeline Sain, Oradean Upchurch, Kate Penland, Betty Sepsy, Beatrice Cameron, Gwendolyn Cable, Bertha Crowder, Phyllis Johnson, Hallie Leicht, Asa Tarwater, Charles Pigott, Nancy Garrison, Kathryn Guthrie and A. K. Bissell looked on.

Responses to wires sent about 10 days ago to Sens. A. Tom Stewart and K. D. McKellar indicated action was being taken immediately and that as soon as the revised plan was approved by officials of the Oak Ridge Hospital and returned the project would be installed. Local officials approved the hospitalization contract which contained but few sight changes made by the Veterans Administration.

The American Legion post initiated the plan last spring and its adoption will mean local hospitalization for veterans living in Oak Ridge, and in the surrounding area for a radius of approximately 50 miles.

Chest officials again stress the fact that with the exception of about \$500, every cent of the money collected in Oak Ridge is showing progress made in raising

Electrical Safety Week Planned November 17-22

Plans for a Y-12 "Electrical Safety Week" beginning November 17 are being made by employees in the Electrical Equipment Repair and Maintenance Department as a result of a meeting held last Wednesday morning. Proponents of the plan believe it might well become another "national week" according to C. B. Newman, Electrical General Foreman of Dept. A14N.

Constant Need Stressed
Following a round-table discussion of the constant need of stressing safety in their department, and a keynote talk by W. J. Enders, Atomic Energy Commission Chief of Safety and Health of the Y-12 Production Branch, committees were immediately formed to arrange a program and publicity for the November 17-22 event.

A program committee of Dept. A14N members was selected with J. C. Ezell as chairman. Other members are J. H. Campbell, J. D. Wallace, R. A. Francis, J. D. Slaughter, U. L. Ayspaugh, Evans Means and Virgil Lovett. The program committee will meet this week to formulate plans for electrical safety demonstrations which probably will include public showings at the Y-12 cafeteria. During the "Electrical Safety Week" demonstrations will be staged daily in Dept. A14N on the correct use of all electrical equipment.

No Middle Road In Safety

The demonstrations will show how to use properly electrical equipment rather than what not to do. This idea was brought out in Enders' talk as he emphasized that there was no middle road of safety and that a piece of equipment or construction was either safe or unsafe.

Named to handle the publicity for the Y-12 "Electrical Safety Week" was a committee headed by Rufus Dunn as chairman. Other members are Enders, George W. Dobbs, News Editor of The Y-12 Bulletin; P. C. Zienke, Electrical Safety Engineer; and Sam Sudith.

Veteran's Hospitalization Plan Seen Near Installation

The American Legion's project of Oak Ridge hospitalization for Anderson County area veterans approaches materialization, according to Post Commander Frank W. Wilson of Atomic City Post, No. 199, who stated that an approved contract was on its way to the Veterans Administration at Washington.

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V. P. I. GROUP TO MEET

The Oak Ridge Chapter of V. P. I. Alumni Association will meet at 7:30 p.m., Friday, November 7, in the Red Cross Building on the Oak Ridge Turnpike.

(Continued on Page 2)

Y-12 Bulletin

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'Christmas Carol' Adaption Will Be Presented Here

A special holiday production adapted from Dickens' "A Christmas Carol" is being planned by the Oak Ridge Community Playhouse, now in the fourth year of its existence. Mrs. Warren Bridges, a member and author of the adaptation, will direct the production, which will be aided by other organizations. It will be presented December 18, 19 and 20 at the Oak Ridge High School auditorium.

Orchestration for the production will be in charge of Waldo Cohn, director of the Oak Ridge Symphony; and Donald Grisier, of the Community Chorus will direct the singing. Mrs. William M. Reynolds of the Oak Ridge Folk Dancers, will supervise the dancing, and Mrs. James Allen, casting director of the Children's Theater, will have charge of tryouts for the children's parts.

Tryouts for the production's cast of 50 adults will be held tonight, Wednesday and Thursday at the Community Playhouse in Gamble Valley between the hours of 6 p.m. and 8 p.m. Any person in Oak Ridge may try out for the production and transportation will be furnished those who will report at Ridge Hall each evening by 7:45 p.m. Tryouts for the 12 children's parts were held at the Club Fiesta yesterday and today.

First Ridge Concerts Set This Week By Music Groups

The first concert of the Oak Ridge Music Association 1947-48 series will be presented by the Oak Ridge Symphony Orchestra and the Oak Ridge Community Chorus this week at the high school auditorium, the initial performance being booked for Thursday night at 8:15 o'clock and the second for Saturday night at the same hour.

Numbers on the concert program will include Smetana's "Dance Of The Comedians;" Mendelssohn's "Symphony No. 3 In A Minor;" six songs for mixed chorus of compositions by Palestrina, Wagner and others; and three operatic excerpts for chorus and orchestra, one from "Die Meistersinger;" "Elsa Entering The Cathedral" from "Lohengrin;" and "Hail, Bright Abode" from "Tannhauser."

Tickets for each performance now are on sale at the Music Box located in Townsite. Membership cards in the ORMA, however, entitles the holder to free admission to each of the performances and to all other recitals planned by the organization.



Evans Means, Dept. A14N, with some reluctance reported that he did go fishing over a recent weekend but inferred that what he caught could only be used as over-size minnows for other expeditions. . . . Frank Darby and Malvin Whited again report a limit-catch of crappie after a fishing trip to Watts Bar Lake Saturday, October 25.

L. E. Bellamy, Dept A12G, and wife took a trip to Charlottesville, Va., during his last five-day break.

Lee W. Bagwell, Safety Engineer, Dept. A13J, has returned from a recent vacation spent at his home in Alabama.

Dept. H12L extends sympathy to Mary Barns whose father died recently at Montgomery, Ala.

J. D. McGuffin, Dept. A12S, is another Y-12 employee who spends each weekend trying his luck at fishing. His trip to Kingston boat dock on a recent weekend proved very successful. McGuffin reported that around noon the fish started biting and within a short while he had caught his limit.

Happenings in Group No. 3 of Dept. M13B—Among the many pigskin cheerers at the Tennessee-T.P.I. game, Saturday, October 25, were Dotty Jones and Mary Deadmore. . . . Dept. M13B wishes a speedy recovery to the wives of J. Stevens and Ernest Hutchins, both of whom are ill.

V. H. Moore, Dept. A12W, has returned from a one-week vacation.

Vacationers in Dept. B12L include F. E. Clark and Jewel Barringer, and H. D. Whithead. . . . Eunice Jones went to her home in East Lynn, W. Va., during her last five-day break. . . . Urlene Smith visited her home in Traveler's Rest, S. C., during her five-day break. . . . Daisy Brogan visited her home in Middlesboro, Ky., during her five-day break. . . . Margaret Holley, Genevieve Bryant Thelma Cole, Eveyn Carpenter and Dora Woods spent a two-day break in Gatlinburg last week. . . . Mr. and Mrs. Bob Fickmann, of Cincinnati, Ohio, were the weekend guests of Helen Hackworth.

Gladys Dicus, Dept. A15N, has returned to work after spending a vacation in Gatlinburg, Tenn., and Waynesville, N. C. . . . Charles Harrill, Department Superintendent, and his wife, enjoyed a recent weekend in Gatlinburg. . . . C. L. Freeman and his wife spent a five-day break visiting relatives in Virginia. . . . Seems as though most of the men in Dept. A15N are fishermen but at last a genuine coon hunter has been found, so in case any of you folks want any dope on coon hunting just contact R. B. Schubert. From all reports he always makes a catch.

L. A. Fox, a student at T. P. I., spent a recent weekend with his sister, Juanita Fox, Dept. M13B, who also was among the spectators at the U.T. and T.P.I. game. . . . Ruth Wright and Grace Boyd also were at the U.T. and T.P.I. game. . . . Employees vacationing in Dept. M13B include Robert Ramsey, Mildred Crass and Pauline Webb, who is vacationing with her daughter, Gertude Webb Martin, a former Y-12 employee, in Hartford, Conn.

F. A. Watson, Dept. A14N, has returned from a two-week vacation.

Ruby Lee Burrell, Dept M13B, and her husband spent a recent weekend at their new home in Clayton, Ga. . . . Dept. M12B is happy to hear that Margaret Hastings is recovering quickly from a minor operation.

W. T. McNamara, of General Maintenance Office, Planning and Estimating, is on a two-week vacation in Harlan, Ky., and then will go to Boston, Mass. . . . Bill Haase, of Salvage, seems to be a lucky man where "Bingo" is concerned. It seems that he won several nice prizes the other night, but luck left poor George Tucker out; he won nothing. . . . Sorry to hear of Clyde McGregor's illness; hope it isn't too serious. . . . E. C. Walker, of Transportation, is on a two-week vacation. . . . Sam Cowden, of Maintenance, is on a one-week vacation.

C. S. Huffman, Dept. A14J, and Mrs. Huffman, accompanied by

How Y-12 Drive Was Spurred

5-7388



Pictorial progress of the Community Chest drive in Y-12 is shown above. In a whirlwind campaign last week Ruby Sanders, Dept. A12J, fourth from left, is handing out copies of the extra edition of The Y-12 Bulletin to a group of employees while Arnold Tiller, Recreation Supervisor, second from left, is shown on the microphone telling why the Chest drive should be supported. Below is a reproduction of the extra edition of The Y-12 Bulletin, first of its kind ever to be issued.

80 Per Cent Of Chest Goal Reached In Y-12 Campaign

(Continued from Page 1)

earmarked for use here. Beneficiaries of the Chest are the sick and needy of Oak Ridge, hot lunches for school children who need them and the Boy Scout and Girl Scout organizations of the community. It also is pointed out that the budgetary requirements of each category have been carefully checked and that checks also will be made monthly of money expended to avoid any chance of waste.

Red Cross Will Supply Blood For Oak Ridge Hospital Bank

The Oak Ridge Chapter of the American Red Cross under a volunteer blood donor register plan will assume the responsibility of supplying the blood bank of the Oak Ridge Hospital, it was stated by Mrs. James F. Anderson, the chapter's executive secretary.

Blood will be furnished hospital patients without cost by this plan which will be a part of the Red Cross service, Mrs. Anderson said, and will be more satisfactory to the hospital. Under the former system of dependence upon relatives and friends difficulty was experienced in contacting them quickly enough when need for a transfusion arose.

The local Red Cross chapter plan will be to accept blood donations on a progressive and regular basis as the hospital bank must be constantly replenished as a blood gift is good for only 20 days. Prospective blood donors are asked to contact the local chapter or telephone 5-5641.

Mary Lou Pate, Dept. B12A, have returned from a vacation in the Deep South. While away the motored to Florida, visiting Tampa, St. Petersburg and Sarasota. From there they headed across the coast of the Gulf of Mexico to New Orleans with a stopover in Biloxi, Miss., where they reported the fishing fine. (What, some more fisher folks?)

Ruby Sanders, Dept. A12J, and her husband, are spending this week on vacation with relatives in Tapoca, N. C. Yes, you guessed it, they are going fishing.

***** EXTRA *****



Y-12 MUST NOT FAIL

You Have The Answer So Read And Decide

Give Now

To Your Community Chest

RESPONSIBILITY OF INDUSTRY IN WELFARE OF COMMUNITY

English Language May Become Universal Tongue Of World

English already is the native tongue of more persons than any other language and seems destined to become "if not the world language, then at any rate the most important vehicle of communication throughout the world," according to Prof. Charles J. Friedrich, of Harvard University.

The Harvard educator points out that the English language now is spreading rapidly throughout the world and is taught in many countries where it is not the native speech. The desire to learn English has skyrocketed in former Axis countries.

The post-war trend toward English also is demonstrated by the linguistic history of the United Nations, where in actual practice English is used far more extensively than any other language.

SCHOOL VISITS URGED

Y-12 parents are urged to visit schools where their children attend, especially during American Education Week, November 9-15, when open house at all Oak Ridge schools will be held under the auspices of the various PTAs, Oak Ridge Educational Association, and the League of Women voters. A movie trailer narrated by Lowell Thomas has been placed in the Oak Ridge theaters to remind parents to visit the schools.

CHILDREN'S PLAY PLANNED

"Mrs Wiggs Of The Cabbage Patch," the oldtime favorite, will be presented at the high school auditorium with two performances on Tuesday, November 11, one at 3:30 p.m., and the other at 7:30 p.m., it was announced by the Association of Childhood Education, which has secured the Clare Tree Major Children's Theater of New York to bring the play to Oak Ridge.

Farm fires kill approximately 3,500 persons annually and destroy rural property worth about \$85,000,000.



WRIGHT—GARDNER

Announcement has been made of the marriage of Miss Marie Gardner, former Y-12 employee and now with the Clinton Laboratories, to Hillman Wright, Dept. A16N. The ceremony was performed by the Rev. O. R. Tarwater at Clinton, Saturday, October 25.

The bride is the daughter of Mr. and Mrs. Clarence Gardner, of Martin, Tenn., and the groom is the son of Mr. and Mrs. E. B. Wright, of Camden, Tenn.



Three Y-12 families reported births at the Oak Ridge Hospital last week. They were Mr. and Mrs. James Everette Lain, a daughter, October 27; Mr. and Mrs. Clifton McDonald Voekel, a son, October 27; Mr. and Mrs. Frank Arnold Knox, a son, October 28.

Hospital List

Patients in the Oak Ridge Hospital last week included seven Y-12 employees. They were O.B. Trammel, Dept. A17N; Willie May Morgan, Dept. M12P; Porter Lee Bond, Dept. A12G; Lois L. Gage, Dept. M12P; Ava M. Jackson, Dept. B12A; James H. Graham, Dept. A15N; Cordell H. Swicegood, Dept. M12S.

Like To Cook? Then Try This Recipe

OLIVE OIL PICKLES

24 small cucumbers.
 ¾ cup salt.
 Three medium onions.
 One cup mustard seed.
 One tablespoon celery seed.
 ½ cup olive oil.
 Four cups vinegar.
 Wash, but do not peel cucumbers. Slice thin and place in large bowl. Sprinkle with salt and allow to stand for three hours. Place cucumbers in a colander, rinse with one quart of fresh water and allow to drain. Peel and slice onions thin and add to the cucumbers. Combine spices, oil and vinegar and mix thoroughly with cucumbers and onions. Place in hot and sterilized jars, using ball or zinc jars only. Seal and allow pickles to stand two to three weeks before using.

This recipe makes eight pint jars with 278 calories per jar and contains Vitamins A and C.

CARBIDE TOPS ENROLLMENT

A total of 228 employees of Carbide and Carbon Chemicals Corp., from both Y-12 and K-25 are enrolled in the night classes being conducted by the Oak Ridge Adult Education Program, according to A. C. Keller, Jr., director of the program. This number tops all groups in enrollment with employees of the Atomic Energy Commission running second with 143 enrolled. Of the 929 total enrollment, 350 persons are taking University of Tennessee courses, 561 are enrolled in certificate courses and 18 in high school classes.

METALS SOCIETY TO MEET

The Oak Ridge Chapter of the American Society for Metals, which meets tomorrow night at 8 o'clock in the West Lounge of Ridge Hall, will hear a talk on ceramics by H. Z. Schofield, Assistant Supervisor of the ceramics division of Battelle Memorial Institute of Columbus, Ohio.

Examinations Urged To Ascertain Condition Of Heart; Gains Made In Fight On Disease

This is the second of two articles on heart disease written for The Y-12 Bulletin by Dr. C. H. Benning, Director of the Oak Ridge Health Department.

By DR. C. H. BENNING

The arterioles, the smallest branches of the arteries, are under the control of nerves which make them tighten up under emotional stress and expand as the tension lessens. When they are in a tightened-up state, the blood pressure rises. If they are in this condition more or less constantly, the heart is kept pumping against increased resistance. This extra work may overtax the heart muscle and interfere with its working capacity.

Heart disease caused by high blood pressure, like the condition itself, is most common in middle age and after. Its treatment depends on what the physician finds on examination. Careful following of his advice is all-important. High blood pressure sometimes clears up of itself. Or it may be controlled, or at least minimized, by surgery, drugs, or diet.

Artery Thickening Causes Trouble

The third common type of heart disease is disease of the coronary arteries which supply the heart muscle itself with blood. Thickening of the coronary arteries, called coronary arteriosclerosis, which reduces the blood supply to the heart muscle, is the main cause of coronary disease. This condition is common in old age and is often a result of the natural process of aging. There is little we can do in the field of prevention under these circumstances until we have more knowledge about the aging process. However, arteriosclerosis is associated with various abnormal conditions, such as high blood pressure, and Bright's disease (kidney disease), which damage the arterial walls. A person with arteriosclerosis needs careful medical supervision in regard to rest, diet and general activity.

The severe chest pain known as angina pectoris is a symptom of coronary disease. It is a sign that a partial or temporary obstruction has cut off some of the heart's supply of blood.

Rest Needed For Cure

Arteriosclerosis may also lead to the condition called coronary thrombosis. This is the formation in a coronary artery of a blood clot which blocks the blood supply to the heart muscle. When the blood supply to the heart muscle is suddenly cut off, it causes a severe attack of pain in the chest, sometimes collapse, and is so serious as to require immediate medical attention. A long period of bed rest is necessary to allow the heart muscle to recover.

The symptoms usually associated with heart disease are pain or a feeling of oppression beneath the breastbone, a noticeable shortness of breath during or after ordinary exertions, and swelling of the feet or ankles. These symptoms should be investigated by a physician because they indicate the need of medical attention whether they are due to heart trouble or not.

Thorough Examination Important.

A thorough physical examination is important in judging the heart's condition. The physician may tap or palpate the chest in the region of the heart, listen to the heart with a stethoscope, and take the blood pressure. With the aid of the fluoroscope, he can estimate the size and shape of the heart and determine whether they are normal. The electrocardiograph is an instrument which makes a record of the heart's action. An X-Ray picture of the heart may be useful.

If you learn that your heart is impaired, do not jump to the conclusion that you are doomed to an inactive life or an untimely death.

With reasonable care many people with damaged, diseased hearts live out a normal life span. However, a person whose heart has been damaged, does need to regulate his habits and manner of living so that his heart is given the best possible chance to adapt itself to its handicapped condition.

Weight Makes Heart Work

Enough rest at night is of the greatest importance for a person whose heart is impaired. During sleep the heart beats more slowly than at any other time. If you are overweight, the physician may put you on a reducing diet. The less weight you have to carry around, the less work your heart has to do. Anything which improves your general health so that you put up a strong resistance against infections such as colds and sore throats will help to avoid overtaxing the heart.

Medicine for your heart should never be taken except on the physician's advice. The same drug which benefits some forms of heart disease is injurious to others.

Gains Made In Fight

In general, the prospects are good for making new gains in the fight against heart disease. On the preventive side, we may expect a further reduction in the prevalence of rheumatic heart disease and other types of heart disease which are associated with infection. The types of heart disease characteristic of middle age and later life, cannot, of course, be entirely prevented, but their onset may be postponed. Again, we may look forward to the development of new drugs which would be helpful in prolonging the lives of individuals with the types of heart disease common in the older years.

For those with certain types of congenital heart disease the outlook has been improved by the development of surgical techniques to correct the abnormality in early childhood.

Research Program Is Supported

Research in heart disease is beginning to receive the active support of life insurance companies through the recently established Life Insurance Medical Research Fund. About 150 companies subscribe to this fund to which between \$500,000 and \$600,000 annually has been pledged for at least five years. During this period, the resources of the fund will be devoted to fundamental problems in the cardiovascular diseases. Research fellowships are also being granted for the further training of research scientists in this field. This research program should add to our knowledge about the prevention and treatment of diseases of the heart and related organs.

The American Heart Association is currently conducting a nationwide campaign to raise funds for research, and for medical and public education on heart disease. The education of the public is an important part of the association's program. If progress in controlling heart disease is to be made, it is essential for people to understand the significance of high blood pressure, overweight, rheumatic fever, and various other factors which may damage the heart. This project is a development of great significance for sufferers of heart disease.

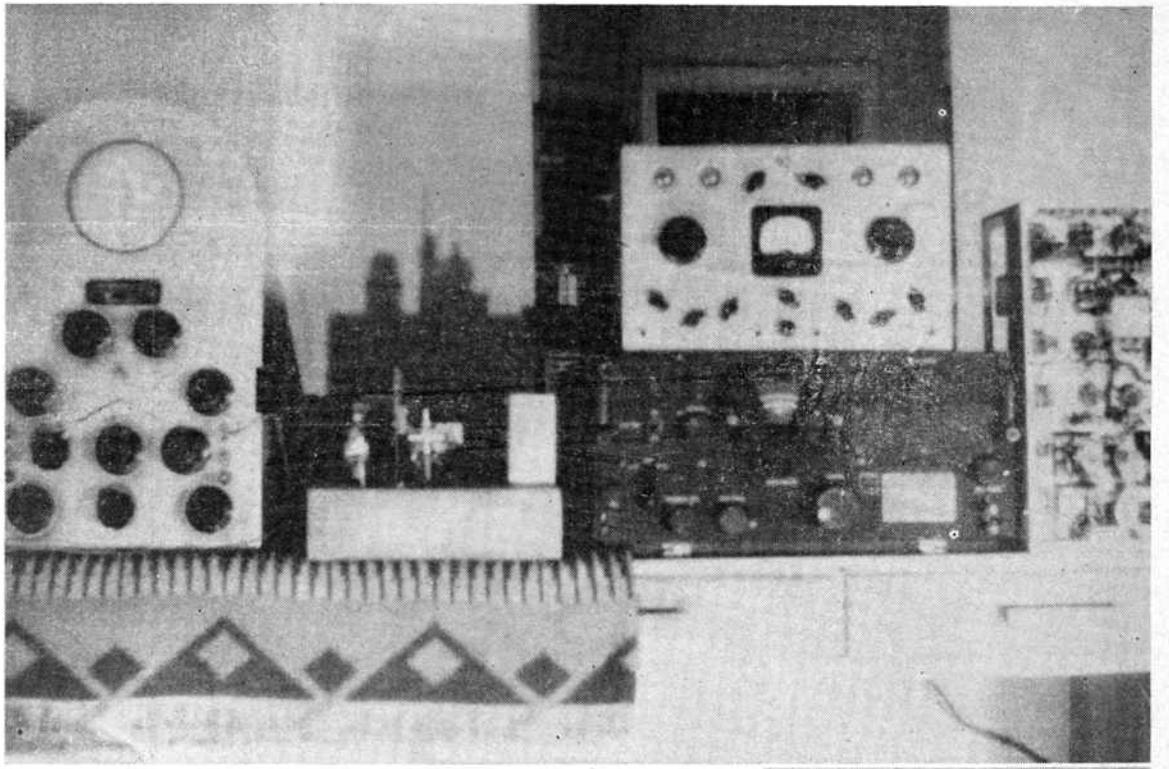
Y-12 MEN ON COMMITTEE

Howard P. Doyle, Superintendent of Industrial Services in Y-12; and Arnold Tiller, Recreation Supervisor; have been appointed to the recreation promotional committee of the Oak Ridge City Council, it has been announced by E. L. Benedict, chairman of the committee.

CENTER NAMED 'ARK'

The 'teen-age center sponsored by the youth welfare committee of the Oak Ridge Junior Chamber of Commerce has been named the "Ark" by youngsters in the movement. The young people have organized a planning committee to arrange activities for the center.

Rudolph Adds War Surplus Goods To Hobby Stock



A portion of the war surplus electronics equipment is shown above that was bought by O. B. Rudolph, Y-12 Electrical Engineer, at right, to help him pursue his hobby.

War Surplus Electronic Equipment Bought By Y-12 Engineer Added To Hobby Collection

O. B. Rudolph, an Electrical Engineer in Y-12, finds the numerous and varied articles of war surplus electronic equipment being offered for sale a tempting invitation to indulge in his favorite hobby of electronic experimentation. At the same time it enables him to add a number of first class instruments to his collection.

One of the surplus items he has acquired is a five-inch radar oscilloscope which he "converted" at a cost of about \$15 to an instrument comparing very favorably to one of the better commercial "scopes" on the market today but at a small fraction of the cost.

Another surplus item is a radar receiver which he has converted to an F. M. receiver with an outlay of only a few dollars for parts. With new F. M. broadcasting stations springing up over the country this receiver is proving to be an excellent source of entertainment.

Among other items he has purchased are a 200 kilocycle to 18 megacycle aircraft receiver and a 100-150 megacycle V. H. F. receiver.

Wife Factor In Hobby

Rudolph says there are three major factors limiting the amount of this equipment he can buy. First is the purse, second the capacity of the efficiency apartment where he lives, and last but not least is the strain imposed upon the good disposition of his wife. Mrs. Rudolph, a teacher in the Oak Ridge High School, wonders if she can interest other women in the same plight in organizing a Radio Widow's Protection Association. She says she never knows when she opens a drawer or cupboard what kind of radio gadget will come tumbling out.

Rudolph, or Rudy as he is often called, started in electrical work just after World War I while studying at Columbia University and took up radio as a hobby. He built his first vacuum tube radio in 1921, paying \$8.50 for the one tube it used. After working several years in various phases of electrical work in large industrial manufacturing plants in the North and with TVA in the South, he decided that electronics was the most interesting phase. So he took a course in radio with the Radio and Television Institute in Chicago and then an intensive post graduate course in the school laboratory.

Operated Radio Shop

Then he opened his own radio service shop which he operated for 10 years just prior to World War II. He came to Oak Ridge in March, 1944. Since adopting electronics as a profession he finds it



Textile Trade Old In Tennessee

The textile industry in Tennessee dates back to 1791, when John Hague, of Manchester, advertised in the Knoxville Gazette that the machines in his spinning mill on the Cumberland were "in order for carding, spinning and weaving." A venture into silk-worm culture, begun by Dr. Frederick A. Ross, of Kingsport, in 1850, died in an experimental stage.

HARVEST BALL ARRANGED

The Oak Ridge Junior Chamber of Commerce's annual harvest ball scheduled for Grove Hall Thursday, November 13, will feature Russ Morgan's orchestra, it is announced by John R. Owens, chairman in charge of the social event. Reservations for the affair can be made by calling Owens at phone 5-5390, H. L. Huffman at 5-5921, or Grove Hall.

JOINS SORORITY

Nancy Doane, Dept. H12D, will become the 12th Y-12 member of the Beta Sigma Phi Sorority when her initiation in the Oak Ridge Chapter of that business and professional women's organization takes place Thursday night at a formal dinner party at Grove Hall. The other Y-12 members of the sorority are Lucille Whitman, Catherine Baker, Elizabeth Cooke, Helen Mathews, Ruby Burrell, Mabel Tyer, Lovelle Thompson, Idana Couch Devenish, Virginia Hill and Ophelia McCord.

no less interesting as a hobby, and most of his spare time at home is devoted to building or converting "gadgets" with tubes, condensers and wires.

Department Absentee Mark Week Ending Oct. 26

Dept.	MAJOR LEAGUE More than 50 Employees		
	Percentage Absent	Standing 10-26-47	Standing 10-19-47
A16N	1.1	1	1
A12M	1.2	2	8
H12E	1.4	3	3
A14N	1.7	4	5
A13N	1.9	5	6
M13C	2.0	6	4
M13B	2.4	7	2
M12P	2.6	8	11
A17N	3.06	9	14
B13L	3.10	10	9
H12L	3.4	11	13
A12W	3.8	12	7
A14J	4.1	13	17
B12L	4.35	14	17
A12G	4.37	15	12
A12S	5.8	16	18
H12D	6.7	17	16
M15C	8.8	18	15

Group absentee percentage was 3.2 per cent, 0.4 per cent lower than the preceding week.

Dept.	MINOR LEAGUE 15-49 Employees		
	Percentage Absent	Standing 10-26-47	Standing 10-19-47
B12A	0.0	1	2
A12L	0.0	1	4
M12S	0.0	1	5
A15N	0.0	1	8
A12R	0.5	2	1
A12N	0.7	3	6
M12M	2.1	4	1
A12T	3.40	5	1
A12D	3.44	6	10
A12A	3.6	7	9
A19N	5.9	8	11
A13T	7.3	9	3
A12J	—	—	7

Group absentee percentage was 2.2 per cent, 0.1 per cent lower than the preceding week.

The plant average for the week ending October 26, was 3.1 per cent 0.4 per cent lower than the preceding week.

BED JACKETS NEEDED

A need for 200 bed jackets for tubercular patients in veterans hospitals has resulted in a call by the local chapter of the American Red Cross for sewing volunteers to help Oak Ridge meet that quota by December 1. In order to fulfill that obligation the Red Cross sewing room at headquarters on the Oak Ridge Turnpike will be open all day.

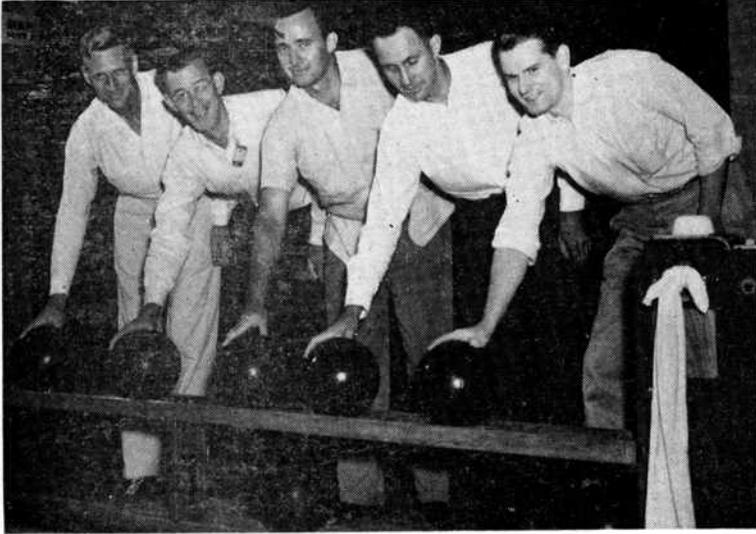
The only difference between stumbling blocks and stepping stones is the way you use them.

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Splinters Sharp In Pin Loop

5-7206



Mitchel, J. S. Reece, Leo Caldwell, Doug Lavers and Lew Twitchell. The Splinters, pictured above. The team is providing plenty of opposition for foes in the D Area League and are expected to be up near the top at the end of the season. Left to right are George Mitchel, Reece, Leo Caldwell, Doug Lavers and Lew Twitchell.

High Scores Recorded In Two Pin Leagues

The first four teams in the D Area Bowling League clung tightly to last week's top positions in Tuesday night's timber tumbling at the Jefferson Bowling Alleys which ended the loop's first round jousting. The leading Calutrons added four points to their league supremacy by bumping the Old Men and finished with a record of 21 won and seven lost.

Duncan of the Scotties dunked the pins for the night's highs of 219 for a scratch game and a three-game 522, also scoring seconds for handicap rolling with a 239 game and a 582 total. Gordon of the Calutrons topped the league's keglers with a 242 handicap and a 597 total, and placed second with a scratch stanza of 211 and a 504 aggregate. Big'uns Skin Wolves

The Big'uns continue throwing a lot of weight against their opponents in the Plant Bowling League and as a result of last Thursday night's three-skinning of the Wolves advanced from 11th to eighth place. The Bottom Busters took over the second spot by virtue of three won from the Chemicals.

It was "Beckett Night" at the Grove as the ace of the league-leading Bums rolled the season's high handicap series with a 712. Beckett also scored highs for a single handicap game with a 250 and for a scratch series with a 616. L. H. "Sky" Barker of the Wood Butchers raised his sights a notch in breaking his old single game scratch game record of 220 by one point.

League standings follow:

D AREA LEAGUE					
Team	W	L	Team	W	L
Calutrons	21	7	Splinters	13	15
Strikers	16	12	Overheads	12	16
Scotties	15	13	Old Men	11	17
Termites	14	14	W. Choppers	10	18

PLANT LEAGUE					
Team	W	L	Team	W	L
Bums	19	5	Bldg. 9212	11	13
B. Busters	17	7	Big'uns	9	15
Comets	15	9	Knot Holers	9	15
Rippers	15	9	W Butchers	9	15
L'jacks	14	10	Wolves	8	16
Chemical	13	11	One-91	5	19

Women Keglers Of Y-12 Taken To Cleaners By Laundry

Y-12's women bowlers helped the Area Laundry celebrate Halloween by donating them the two first games in last Thursday night's tussle at the Grove Alleys. However, the Y-12ers clung to third place in the Women's CEW City Bowling League by staging a rally to take the third stanza by a wide margin. The first two games were lost by scores of 574-629 and 571-586 and the finale won 712 to 643. Margaret Solomon rolled a 169 scratch game as the single feature of the Y-12 scoring.

League standing follows:

Team	W	L	Team	W	L
Monsanto	15	6	K-25	10	11
R-A	15	6	G. M'chnts.	10	11
Y-12	13	8	Jeff Alleys	7	14
Fairchild	13	8	Laundry	7	14
O. D. Drug	12	9	Ford Motors	6	15
Morats	12	9	P. V. M'nts.	6	15

SCHOOLS GET MORE LIGHT

Fluorescent lights are being installed throughout the Oak Ridge High School building, it was announced by A. T. Bishop, Assistant Superintendent of Schools. Plans also are made to install the fluorescent lighting this year in Elm Grove, Cedar Hill, Pine Valley, and Linden Schools in accordance with recommendations of sight conservation experts.

Tag Gridders Of Y-12 Divide Two Contests

Mal Wallis' Y-12 gridders in splitting a pair of tag games last week, losing 0-6 to Roane-Anderson Wednesday and reversing that score on the AEC Luckies Thursday night, continue to show one of the best defensive teams in the CEW Touch Football League.

Pass Receivers Have Trouble

Both games last week demonstrated Y-12's trouble on offense was inability of pass receivers to hold on to the pigskin. Four times the Y-12ers were well inside the enemy's 20-yard territory Thursday night, and needed a fifth attempt before a pass clicked to score against the Luckies. Bill Mason, wingback, caught Wallis' toss on the goal line to score the game's lone touchdown.

The return of Fred Kappelman, backfield star on last year's squad, gives Y-12 stock a big boost, especially on the offense as ball passing can now be alternated between him and Wallis.

Play Twice This Week

The schedule this week pitted Y-12 against Monsanto last night and AEC Patrol Thursday at 7:15 p.m. at Oakwood Park.

League standing follows:

Team	W	L	T	Team	W	L	T
Monsanto	6	0	1	Y-12	2	4	1
K-25	5	1	1	AEC Patrol	2	4	1
R-A	4	4	0	AEC Luck.	1	7	0

Men's Plant Basketball Loop Will Be Formed Thursday

Formation of a men's six-team plant basketball league will be initiated this week when squad representatives will meet with Arnold Tiller, Recreation Supervisor, on Thursday at 3:15 p.m., in the Recreation office located in the North Portal.

Tiller urges that all team representatives be present as plans have already been made to acquire gymnasiums so that practice sessions can start November 10.

Many persons killed by fire have no burns on their bodies but die because they inhaled fire gasses and smoke.

Opportunity often knocks; but some persons are too busy knocking the other fellow to hear it.

SPORT NEWS IN Y-12

Y-12 Women's Basketball Team Will Be Formed Around Four Vets Of Last Season's Championship Squad; Practice Will Begin Soon

Four dauntless Y-12 feminine basketweavers, determined to carry on the plant's cage championship tradition so firmly established last season, ask for a little help as replacements are needed to fill in the gaps left vacant by teammates who are no longer with the organization. These four, Dorothy Mellen, Virginia Bowers and the Lowe sisters, Judy and Alta, however, form the nucleus for a sextet which with a few additions could again vie for top honors in the Oak Ridge circuit.

Will Attend Cage Clinic

Arnold Tiller, Recreation Supervisor for Y-12, is particularly anxious that all prospective candidates report to him as soon as possible this week as he plans to take the squad into Knoxville Saturday night to attend a free basketball clinic.

The Southern Appalachian A.A.U. rules will be discussed by Billy Hudson, coach of Nashville's three-time world's champions, and demonstrated by the Knoxville Pepsi-Cola girls team. The clinic session will start at 7:30 o'clock and be held at the Catholic High School gymnasium.

May Form Plant Leagues

Tiller, whose phone number is 7-8252, said that if enough interest is shown in women's basketball there would be a possibility of forming a plant league in addition to fielding a strong entry in the CEW loop. Last year the Y-12 varsity basketball team, coached by Bill Davis, swept the city league with a record-making undefeated string of 16 wins; then went on to capture the Appalachian A.A.U. title in Knoxville. The team placed fourth in the Southeastern A.A.U. tournament at Nashville.

The Recreation Department has announced that Bill Davis again will take over the coaching of the Y-12 cagers and will start practice next week. All Coach Davis requests, in expressing some optimism regarding this year's chances, is that all Y-12 girls who have had basketball experience report for the first practice session.

Y-12 Men Bowlers Retain Fourth Place In League

The Y-12 men's varsity bowling team again captured two games out of three from the third-place Roane-Andersonites last Tuesday night but failed to advance beyond their fourth-spot position in the Industrial City Bowling League. A clean sweep of tonight's fracas at the Central Alleys with the bottom-dwelling Fairchild outfit would shove Y-12 within striking distance of the loop leaders.

Nick ZaBenco led the Y-12ers, putting together games of 170, 172 and 171 for a 513, while the team lost the first game 698 to 893, and won the next two by scores of 776 to 723 and 793 to 750.

League standing follows:

Team	W	L	Team	W	L
K-25	15	6	Y-12	11	10
AEC	15	6	Skidmore	6	15
R-A	12	9	Fairchild	4	17

Ridge Par Of 36 Fails To Tumble

A staunch Old Man Par at 36, firmly secured among the hills and dales of the new Oak Ridge golf course, withstood the onslaughts last weekend of a Y-12 foursome composed of Dave Harrigan, Harold Ratjen, Les Cook and R. M. James. Ratjen's 42 and Harrigan's 50, however, were good enough scores to give them a two-up victory over Cook and James who had 43 and 53 respectively. Par of 36 is for the course with the regular greens which measures 3,411 yards; but all play for some time to come will be on temporary greens, showing a yardage of 3,062 for which no par has been set.

Egotism is just a realization of how good you are; swell head is a realization that you are even better than you are.

Young Boxers Again To Show Friday Night

5-7353



This pair of young and willing boxers, left to right, are Ed Bagley, Jr., and Larry Atkisson are shown above in a stirring encounter in the first show of the Oak Ridge Boxing Academy. They have been rematched for a second show to be staged Friday night by Nelson Bethea, Y-12, right, who is referee and dean of the academy

Youthful ring veterans of the Oak Ridge Boxing Academy will put on another fistic show Friday night at the high school gymnasium with the first match of a 15-bout card getting underway at 8 o'clock, it was announced by Nelson Bethea, chief of the school's instructor staff.

Bagley, Atkisson Are Rematched

Some of the bouts will feature re-matching of some of the young battlers who fought to a draw in the last show. One of these rematches will be a Y-12 versus K-25 affair when Ed Bagley, Jr., son of E. A. Bagley, Chief Accountant at Y-12, tangles with Larry Atkisson, whose father works at K-25.

The 30 boys who will enter the squared ring have been training and working out at the Pine Valley School gymnasium each week under the careful supervision of an eight-man coaching staff. A lot of rugged glove-throwing again will be displayed as the school stresses aggressiveness along with ring generalship and good sportsmanship.

Proceeds To Buy Equipment

Officials for the show include Bethea of Y-12, referee; Leo Dalton of K-25, announcer; Loren Wetzel of AEC, timekeeper; and Harold Mate, Monsanto, F. Phillip Collett, K-25, and Marc Sims, Y-12, judges. All proceeds of the 10c admission prices for children and 25c for grown-ups will be used for better equipment for the school.

Last Trailer Camp Will Be Vacated

Oak Ridge's last trailer camp located in the Midtown area comprising 500 units with 97 still occupied will be vacated by November 15, it was announced by the City Management Division. Provisions have been made to relocate the families in Victory Cottages on Houston Ave.

The 500 trailers are the last of the approximately 5,000 which existed during the height of construction and operations of the wartime period.

SHRINE CLUB SETS PARTY

A dance and oyster supper for nobles of the Oak Ridge Shrine Club and their wives is being planned for Grove Hall Wednesday night, November 12, at which time the Shriners will hear A. A. Oldfield discuss the subject "Russia."

PAGE DIOGENES, HERE'S AN HONEST UMP

Diogenes, that seeker of an honest man, could have stopped right there if he had run across a Kitty League umpire.

One day while driving from Hopkinsville, Ky., to nearby Mayfield to work a game this umpire ran into a cow.

He promptly quit his job as umpire.

"Darn," he said, "if I can't see a cow on the highway, how am I going to see a little white ball coming up to the batter?"

Golf Widow's Woe Reported To Bulletin

An anonymous contributor, a golfer himself, recently dropped the following epistle into The Y-12 Bulletin mailbag. He suggested pinning it on a certain friend and fellow golfer, but the piece, which could well be entitled "Lament Of A Golf Widow," might apply to any of the many Y-12 golf addicts.

Without further ado—here it is: "Who's the stranger, mother dear? Look, he knows me! Ain't he queer?"

"Hush, my own, don't talk so wild; he's your father, dearest child."

"He's my father? No such thing! Father went away last spring."

"Father didn't leave, you dub. Father joined a golfing club. But they closed the club and so he has no other place to go — no place left for him to roam, that's why he is coming home. Kiss him — he won't bite you, child. All of them golfing guys look wild."

Y-12 Cueists Still Behind Eight Ball

Y-12 cueists remain behind the eight ball in the CEW Pocket Billiard League after losing last week 4 to 1 to the Jefferson Billiards and now occupy the cellar position. The Y-12 boys meet the Cue and Cushion outfit this Sunday at 7:15 p.m., at the Midtown Billiard Room.

League standing follows:

Team	W	L	Team	W	L
Carbons	11	3	Monsanto	7	8
Cue & Cush.	9	5	Jeffs	6	9
AIT	7	6	Y-12	3	12