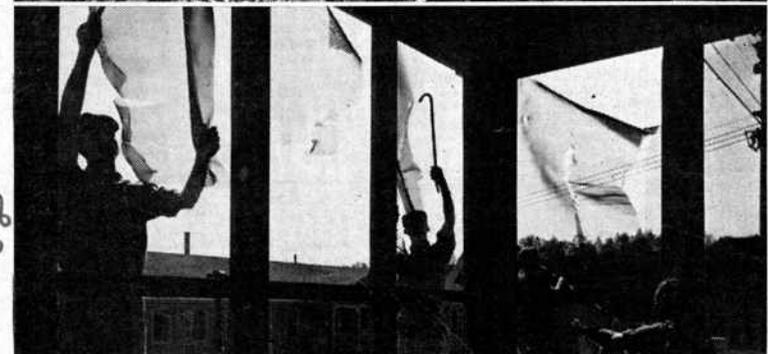


Y-12 COMPLETES THREE SUCCESSFUL YEARS UNDER CARBIDE



Company Benefits Are Numerous; Achievements In Science, Safety, Recreation, Civic Affairs Cited

Just three years ago tomorrow—May 4, 1947—Carbide took over operations of the Y-12 plant for the Atomic Energy Commission. Through these three years many changes in functional objectives of the plant have been made, new assignments assumed and as Y-12 enters its fourth year under Carbide direction a smooth working, closely knit and efficient organization now makes this unit one of the most important links in the Carbide chain to carry out parts of the atomic energy program.

Credit for the progress made under the Carbide regime cannot go to any one group or number of individuals—it belongs to all employees who have displayed their loyalty and enthusiasm in carrying out their assigned tasks both before and after Carbide extended its operations to this area. In fact, the morale of Y-12 is widely recognized as being excelled by none in the Carbide family of installations.

Naturally the changing picture of operational procedure over the three-year period has necessitated many personnel changes, but the backbone of the Y-12 machine has been composed of men and women who were here even before 1947 who have been given the greatest cooperation by others who have been fitted into the organization since that time.

Three Superintendents Have Served
Since May 4, 1947, Y-12 operations have been directed by three superintendents. C. N. Rucker, Jr., was the first, coming here from K-25. Nine months later, February 17, 1948, after Carbide had taken over operations of the Oak Ridge National Laboratory on January 1 of that year the first Y-12 superintendent under the new regime was transferred to direct work at the laboratory and was

succeeded by Dr. C. E. Larson. Dr. Larson remained at the helm here until January 18, 1950, when W. D. Lavers was appointed as Y-12 Area Superintendent as Dr. Larson replaced Mr. Rucker as ORNL Director. Dr. Larson and Superintendent Lavers both were pioneers in the development of Y-12 back during the wartime days.

The transition over to the Carbide regime began several weeks before the actual change-over took place. Back on April 1, 1947, interviews began that reached every employee in Y-12 to ascertain how many wished to continue working here after May 4. Carbide employee benefits and procedures were explained and it was stressed that service in Y-12 before that date would be counted as Company service. (Continued on Page 4)

Work On Parking Area Will Begin On Next Monday

Work on rebuilding and improving the Y-12 North Portal parking lot will begin next Monday, May 8, Y-12 authorities have been informed by the Harrison Construction Co., of Maryville, successful bidders for the job. Under the terms of the contract with the Atomic Energy Commission, 90 calendar days will be allowed for completion of the project.

When completed, the new parking area will provide space for 278 vehicles. The Maryville firm's bid on the job was \$53,443.

Meanwhile the area to the west of the North Portal is being prepared for use as a temporary parking lot and will be ready by next Monday.

DUDES SEEK URANIUM

News stories from Arizona state Arizona dude ranch operators are reporting that many guests are taking Geiger counters with them on hiking excursions in nearby mountains, seeking uranium ore.

SAFETY SCOREBOARD

Your Plant Has

Operated

313 DAYS

Without A Lost Time

Accident

THROUGH APRIL 30

Concentrated Efforts Make Y-12 Spic And Span After Clean-Up; 100,000 Pounds Of Scrap Moved Through Salvage Yard In Campaign

The concentrated efforts put out by departments and employees from one end of Y-12 to the other during observance of Clean-Up Week from April 24 through April 28 had the entire area spic and span at the end of the period and plans already were laid for a year-around application of the agenda mapped out for the special week.

Y-12 Area Superintendent W. D.

Lavers praised the accomplishments of the week, saying:

"We are quite pleased with the results obtained during Clean-Up Week. Everybody pitched in to clean up the area and a lot of work was done. I hope we can continue the fine efforts the year around."

Fire Chief John W. Hughey, Fire Capt. W. O. Elam and fire, safety and security coordinators of each division who carried the campaign to all corners of the plant, also were high in their praise of the spirit displayed during the drive and the fine results obtained.

Busy Week At Salvage Yard

It was a busy week for W. H. Haase, salvage and reclamation foreman down at the Y-12 salvage yard, as the great majority of the rubbish and scrap accumulated during the past several months and moved during Clean-Up Week passed through the yard. Saleable scrap was separated from the rest of the debris there.

"We got twice as many calls for removal of trash and at least double the amount of scrap passed through the salvage yard in comparison with other such drives," Haase declared.

100,000 Pounds Handled

He estimated that during the week 100,000 pounds of scrap were handled in the yard. After it was classified about 24 loads of saleable scrap was salvaged, including 50,000 pounds of scrap metal and four

loads of lumber.

During the week the Maintenance Division handled more than 40 different assignments in connection with the clean-up movement. They ranged from removal of scrap lumber, old fences, rearrangement of material piles and similar tasks to removal of buildings, cutting grass and cleaning roads and sidewalks. A magnet truck was placed in service to pick up small pieces of scrap metal from roads and elsewhere.

Offices, laboratories, shops and other inside facilities of the plant also received close attention.

Obsolete Documents Destroyed

During the week a number of offices cleared their files of obsolete classified material and documents. Classified documents were reviewed during the week and those found obsolete were consigned to burn baskets and disposed of according to security regulations.

The objective of the Clean-Up Week campaign was not only to make the plant more attractive in appearance but also to eliminate any possible fire and accident hazards that might have resulted from surplus scrap materials and obstacles inside and outside of buildings. Inspections were held before and during the week to see that suggestions for carrying out the purpose of the drive were followed through.

THESE PICTURES SHOW SOME OF THE MANY ACTIVITIES that transpired all over Y-12 during the annual Clean-Up Week observance last week. At the top the magnet truck was pressed into service to sweep streets and other areas clean of small scrap metal such as nails and pieces of wire. Ken Duncan, of the Salvage Department, at left, is shoveling some of the scrap disgorged by the magnet truck into a wheelbarrow as W. H. Haase, center, salvage and reclamation foreman, looks on. At right is the operator of the magnet truck, J. Murray, of Transportation. In the middle picture Haase, right, checks another one of the many loads of trash taken to the dump as it is unloaded by, from left, T. Bratcher, R. M. Hines and C. T. Russell, all of the Salvage Department. In the bottom picture C. H. Crockett, C. S. Rhyne, J. B. Gray and Oscar Smith, all of Buildings and Grounds, remove old wire screening from the porch of the old cafeteria building.



ANOTHER IMPORTANT PHASE OF CLEAN-UP WEEK WAS DISPOSAL OF OBSOLETE classified documents. At left June Messer, of the Superintendents Department, is tearing up some such documents and depositing them in a burn basket under supervision of W. T. Hays, of the Y-12 Security Office, in accordance with plant procedure. The center picture shows Guard T. D. Ogle depositing the contents of the burn basket in an incinerator. This also was done under direction of Hays, although he is not shown in the picture. At right rolls of old fencing torn down during Clean-Up Week are being loaded in a truck by E. D. Seagle, left, and Nelson Williams and Fred Robinson.

The Bulletin

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Assay Lab. Takes Top In Attendance Rating

The Assay Laboratory climbed all the way from 11th place to first in the Major League attendance standings for the week ending April 23 as the plant absentee record took a .2 per cent drop from the previous week's mark of 2.5 per cent. The absentee mark for the league-leading department was .7 per cent.

Electrical Maintenance Second

Second place in the Major League went to Electrical Maintenance with an absentee record of 1.4 per cent for the week ending April 23 and which was in seventh place the previous week. Buildings and Grounds held its third place for the second straight week with 1.5 per cent of its personnel reported absent for the period.

In the Minor League six departments had perfect attendance records for the latest reporting period. Five of them were repeaters, they being Transportation, Maintenance Utilities, Property, Steam Plant and Receiving and Shipping. Employee Relations returned to the perfect attendance bracket after an absence of one week to fill out the first place departments.

Laboratory Climbs To Second

Second place in the Minor League went to the Technical Service Laboratory, which reported 1.6 per cent of its employees absent. It was in eighth place the preceding week. In third place was Cafeteria and Canteen with an absentee mark of 1.7 per cent and which was in a first-place tie the preceding week.

The plant-wide absentee record for the week ending April 23, by departments, follows:

MAJOR LEAGUE More Than 50 Employees Scheduled			
Dept.	Percentage Absent	Standing	4-23-50 4-16-50
2283	0.7	1	11
2077	1.4	2	7
2014	1.5	3	3
2619	1.55	4	1
2616	1.61	5	9
2142	1.85	6	12
2091	1.89	7	6
2360	2.3	8	4
2015	2.5	9	2
2003	2.88	10	8
2282	2.89	11	10
2320	3.6	12	13
2300	5.8	13	5

Group absentee percentage was 2.3 per cent, .6 per cent lower than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled			
Dept.	Percentage Absent	Standing	4-23-50 4-16-50
2008	0.0	1	1
2005	0.0	1	1
2140	0.0	1	1
2743	0.0	1	1
2143	0.0	1	1
2109	0.0	1	2
2270	1.6	2	8
2107	1.7	3	1
2133	2.5	4	3
2200	3.5	5	6
2060	4.2	6	1
2002	5.3	7	4
2001	6.3	8	7
2739	6.7	9	5

Group absentee percentage was 2.6 per cent, 1.1 per cent higher than the preceding week.

The plant average for the week ending April 23 was 2.3 per cent, .2 per cent lower than the preceding week.



Two Y-12 families became parents of children born recently at the Oak Ridge Hospital. Fathers were Francis V. Tilson, girl, April 21; and Lawrence E. Wilson, girl, April 24.



THE PICTURE ABOVE won first prize in the April photographic contest of the Carbide Camera Club. Entitled "Fishermen," it was taken by Don Ross, of Y-12, with a Super Ikonta B camera at 200th of a second exposure at F22 with a K-2 filter on Super XX film. It was developed in Microdol and printed on Velour Black paper with Vididol developer for four minutes.

Portraits Topic Of Camera Club Contest Tuesday

A black and white photograph print contest on the subject of portraits and an address on the subject will feature the monthly meeting of the Carbide Camera Club to be held next Tuesday, May 9. The meeting will be held in the club rooms in the Y-12 East Portal building, opening at 7:30 o'clock.

Prints to be entered in the contest should be left at the home of S. A. Hluchan, 108 Darwin Road; or Nelson Van Wie, 102 East Maiden Lane; before 1 o'clock Saturday afternoon, May 1.

Judge of the prints will be Bruce Leslie, proprietor of a Knoxville photographic studio.

The lecture on child portraiture will be given by Stanley Love, connected with the photographic department of a Knoxville department store. He will show samples of work he has done in stressing points of successful child photography.

Dance Planned Tuesday To Aid Cancer Drive

Plans have been announced for staging of the Cancer Drive Ball to be held at the Oak Terrace Tuesday night, May 9, to raise funds for the American Cancer Society. Mrs. Fred Sexton and Mrs. Ellen Koonitz, wives of Y-12ers, are in charge of the affair. The dance will be held from 9 p.m. to 1 a.m.

All proceeds will be assigned to work of the society as the Oak Terrace has donated use of the ball room and Bill Dexter will provide his band for dancing without charge. Tickets will be sold for \$1 per person and donated door prizes will be awarded guests.

Mrs. Sexton is co-chairman of the cancer campaign in Oak Ridge with Charles Williams.

'Chemistry In The Kitchen' Talk Set For Radio Program

Mrs. Charles Horton, wife of a K-25 employee, will be guest on the weekly radio program, Headlines In Chemistry, to be broadcast at 9:15 o'clock Sunday night, May 7, over Oak Ridge Station WATO. The topic of the conversation on the program will be "Chemistry in the Kitchen" and Mrs. Horton will give housewives a lot of household hints in answering questions by Warren Rysen and A. B. Meservey, of K-25.

The weekly radio programs are sponsored by the East Tennessee Section of the American Chemical Society to disseminate scientific information to the public in easily understood language. Y-12 personnel will appear on the program from time to time.

One out of every 16 persons in the United States suffered a disabling injury due to an accident in 1949, the National Safety Council reports.



You just can't stop the younger generation these here days . . . D. L. Glover, of Assay Laboratory, took his young son, Jimmy, 8, on a recent fishing trip to Douglas Dam. Jimmy caught an eight-pound bass, while Pop is thinking of subscribing to the Doodle Oil Co.

Ozell Pass and Eula Hayes, also of the Assay Lab., spent the past week end over in Nashville with Ozell's sister, Mrs. Mozelle Casteel, a former Y-12er . . . Annie Rogers had as a recent guest, Ollie Cross, a former Y-12er now living in Bristol, Tenn. . . . The department wishes a speedy recovery for the mother of Ruth Andrews.

The Tool Department extends sympathy to Shirley Brown over the death of her uncle . . . R. K. Coffey is spending a couple of weeks vacation at his home in Lenoir City painting his house and installing a water line.

Harold Babb, of the Maintenance boys, had a house full of Babbs and other relatives recently. Among the visitors were his brother and sister-in-law from Nashville; brother-in-law and family from Hamilton, Ohio; and his sister and family from Morristown.

Elijah Woods and C. S. Waldrop, of the Guard Department, are vacationing . . . Woods is in Coalfield and Waldrop in Knoxville.

Buildings and Grounds extends get well wishes to the father of Roscoe Roberts, who is ill in Harri-

man. Manufacturing Offices extends deepest sympathy to Hazel Tompkins over the recent death of her mother in St. Joseph, Mo. . . . The notes say here that Charley Gillihan is spending a two-week vacation in Nashville and fishing (where's fishing.) . . . Ray Barron has returned from a restful vacation spent right in the vicinity of Oak Ridge.

Ed Long, of Health Physics and Hygiene, spent the past week end in Athens, Ga., with his parents . . . Ed Struxness recently was speechless!! He was suffering from an attack of laryngitis last week and confined to the Oak Ridge Hospital. Folks hope he will be back soon . . . Don Ross was in Chicago on business April 24 to April 29.

Analytical Laboratory reports that Daisy Ward and her husband are up in the Kentucky hoss country on vacation—around Lexington and Louisville. While in Louisville (lucky people, they hope) they will attend the Kaintuck Derby and then go on to Zinzinnati (wass you effer there?) to see some big league ball games . . . Nancy Doane, now on vacation, and her fiance, will join the Wards for the whoopitudo.

Uranium Control and Computing tells the column that Asa Tarwater spent the week end with her sister in Atlanta . . . Nancy Garrison and Phyllis Johnson spent a recent week end at Nancy's home in Anderson, S. C. . . . Bertha Crowder went up to Bowling Green, Ky., for the past week end.

Charlie Green, of Field Maintenance, has a misery in the back. His pals wish him a speedy recovery.

L. W. Wilson, of Isotope Research and Production, is receiving congratulations over becoming the proud papa of a baby girl born recently at the Oak Ridge Hospital. The little Miss Wilson weighed in at six pounds and four ounces and has been named Gail Elizabeth . . . Leon Love attended the American Physical Society meeting in Washington last week . . . Betty Pope journeyed down to Chattanooga for the past week end . . . Stanley Fulkerson (Man With The Green Thumb) who set a state record for strawberries grown per amount of space used last year, is at it again.

Emma Russell, of Planning and Estimating, is vacationing this week in Washington.

Jesse Durrett, that head cookin' man down at the cafeteria, is spending a two-week vacation traveling around, planning to visit Nashville, Memphis, Little Rock, Ark., and New Orleans.

Vacations were the word down in



THESE YOUNGSTERS OF Y-12 PARENTS WILL APPEAR in a dance revue Friday, Saturday and Sunday at the Oak Ridge High School auditorium, given by Mrs. Dana Estabrook for the benefit of the Oak Ridge Children's Theater. Left to right, in the top picture are Douglas House, Patricia Kaylor, Barbara Ford, Deborah Kaylor, Marsha Gordon, Cynthia Weaver, Sonja Wells, Millie Ford, Doris Helton, Becky Orange, La Vonne Wells, Susan Stephens, Glenda Jo Thomas and Joyce Ann Olson. In the bottom picture Douglas House just had to show off his ability at a head and handstand for the admiring young ladies, most of whom seem well entertained by his acrobatics. Ann Knox, another daughter of a Y-12er, was not present when pictures were made.

15 Children Of Y-12 Parents Will Appear In Dance Revue

A total of 15 children of Y-12 parents will be in the cast of approximately 140 youngsters who will demonstrate their dancing skills in a revue to be given Friday, Saturday and Sunday by classes taught by Mrs. Dana Estabrook. Performances are scheduled for 8 p.m. Friday, and 2:30 p.m. Saturday and Sunday at the Oak Ridge High School auditorium with admission being 30 cents for children and 55 cents for adults.

The youthful dancers will range in age from three to 16 years old. The children of Y-12 parents scheduled to appear in the revue are Millie Ford, Barbara Ford, Marsha Gordon, Douglas House, Doris Helton, Deborah Kaylor, Patricia Kaylor, Anne Knox, Joyce Ann Olson, Becky Orange, Susan Stephens, Glenda Jo Thomas, Cynthia Weaver, La Vonne Wells and Sonja Wells.

The revue will be a benefit performance for the Oak Ridge Children's Theater, proceeds being devoted to the continuance of the workshop sponsored by the theatrical group for youths of the city.

Arnold Tiller, Y-12 Recreation Supervisor, with persons in similar capacities at K-25 and ORNL, attended an annual national meeting of the National Industrial Recreation Association at Milwaukee, Wis. Tiller will be back Friday to catch up on his telephone calls, his co-workers sincerely hope.

Central Reports Office tells us that Graham Rudolph, and her husband, O. B. Rudolph, of Isotopes, etc., had as recent week-end guests her sister and brother-in-law, Mr. and Mrs. Herman Lillie, of Franklin, Tenn. . . . The department welcomes Geneva (Wendy) Sanders to the library staff.

Lillie Cobble, of Medical, and her husband, Ernie Cobble, of Buildings and Grounds, spent a week's vacation fishing at Fontana Lake, N. C. . . . Jodie Brown went to Nashville on a shopping spree over a recent week end . . . Penny Keene and Blanche Gibbs attended a convention of the Tennessee Society of X-Ray technicians in Gatlinburg April 29 and 30.

Thelma Miller, of Chemical Research, spent her two-week vacation in Knoxville.

G. I. Davis, of the Fire Department, is vacationing for a week in Heiskell.

Mary Branham has returned to work in the Laundry Department after a two-week vacation in Harri-

man . . . Maude Duncan is vacationing for two weeks at her home in Briceville.

Evan Means, Electrical Maintenance, spent a week's vacation in



The following Y-12 employees were patients at the Oak Ridge Hospital last week: Edward G. Struxness, Health Physics and Hygiene; William B. Eisenhower, Buildings and Grounds; Aleene E. Carpenter, Analytical Laboratory; Mary Emma Puckett, Stores; and Mary Lou Pate, Superintendents.

Oak Ridge. One guess what he did most of the time . . . Virgil Lovett sought relaxation in fishing at Fontana during the past week end.

More power to a couple of Y-12ers appointed by Oak Ridge civic organizations to important jobs. Dr. C. P. Keim is chairman of a Chamber of Commerce committee urging improvement of the road between Oak Ridge and Clinton . . . Russ Bladock is chairman of a committee of the Lions Club committee that will select two high school seniors for the annual merit awards of the club . . . Both are highly meritorious jobs.

Y-12 AND K-25 OPEN SOFTBALL LOOP MONDAY

Gragg's Bowling Leads Wolves To B Loop Title

Frank Gragg personally took charge of the B League roll-off last Friday night as he led the Wolves to a clean-cut victory for the season's championship in the circuit of plant keglers. The Wolves, winners of the first round of play, posted a handicap series score of 2,995 to 2,859 for the Bumpers and 2,761 for Maintenance.

Gragg rolled a 214 scratch single game, boosted it to 232 with handicap and then went on to post a 582 scratch series and 636 handicap series to top all individual scoring in the roll-off. His mates also performed nobly and the team monopolized all scoring honors with a scratch game of 896, handicap game of 1,015, scratch series of 2,604 and handicap series of 2,955.

In the final third-round bowling last Thursday, Maintenance squelched any possible threats by sweeping four points from One-91 while the Rippers could only take three points from the Comets. Other final third-round league matches saw the Wolves blanking the Head Pins, the Cubs kicking the Mules for the same margin, while the Bumpers bumped the All Stars and the Tigers nipped the Bums for three points each.

John Reece, of the Comets, banged out a 216 scratch game but was bested for best handicap single game by Kennedy, of the Mules, 255 to 254. Kennedy went on to score the best handicap series of 645 after Walter Sherrod, of the Wolves, posted a 549 scratch series. In team scoring the Wolves grewled out with all honors. Their 2,642 scratch series was high for the third round of play. In the night's scoring they were tops with 936 for a single game scratch, 1,062 with handicap and 3,020 handicap series.

The final standings for the third round of play follows:

Team	W	L	Team	W	L
Maintenance	34	10	Cubs	19	25
Rippers	31	13	Head-Pins	19	25
Wolves	27	17	One-91	18	26
Bumpers	26	18	Comets	18	26
All Stars	20	24	Bums	18	26
Tigers	20	24	Mules	14	30

Men's Bowling Team Of Y-12 Beats Hoskins; Takes Third

The Y-12 men's varsity bowling team trounced Hoskins Drug Store April 24 for two out of three games and total pinnage in an Oak Ridge City League clash and rose to third place in the loop standings. That was just about as far as the team could rise as the two leading outfits are far in front of the rest of the league members.

Y-12 took the first game by 877 to 831 but were nosed out by 895 to 875 in the second contest. In a nip and tuck climax battle the Y-12ers took a 855 to 839 decision for a total score of 2,607 to 2,565.

All of the Y-12 keglers posted series scores of better than 500 with one exception. Rudy Pletz was tops with 202, 195, 144—591. Nelson Tibbatts and Frank Gragg tied for second honors, Tibbatts rolling 168, 159, 202—529; and Gragg 165, 174, 190—529. Then came Elmore Koons with 179, 178, 155—512; and Conrad Roberts 163, 169, 164—496.

Summer Bowling Leagues Proposed

An effort is being made to organize summer bowling leagues for both men and women keglers in Oak Ridge and Y-12 has been asked to enter teams in the circuits. If any Y-12 teams are interested in the movement the Recreation Office will offer them assistance in joining the loops. Full information may be obtained from the Recreation Office, North Portal, telephone 7-8252.

Archeology: The science that proves you can't keep a good man down.

RIPPERS AGAIN MISCAST: BUMPERS TAKE SECOND ROUND IN B LEAGUE

Somehow The Bulletin seems to be having trouble getting the Rippers bowling team of the B League in the right place at the right time. Back on March 29 the team was erroneously confused with the Termites as the losing team in the D League playoff. Then last week it was stated that they had won the second round of play in the B League—wrong again.

The correct facts are that the Bumpers took second round honors in the B loop, not the Rippers. The Rippers were in a roll-off with the Wolves to decide the first round championship, but were defeated.

Close Matches Played In Y-12 Golf League

Close matches again were the rule in the Y-12 Golf League last week at the Oak Ridge Golf and Country Club as the plant divot diggers entered the second week of play in loop competition.

The Four Hundreds took the Rippers to town by four points by the score of 16 to 20 and the Green Rays defeated the Chippers by the same margin. Another close match of the week was between the Hooks and Bldg. 9212 in which the former team managed to eke out a 17 to 19 triumph.

However, the narrowest margin was reported in the scrap between the Deacons and Rough Riders, in which the former team won by 17½ to 18½. The Left Overs took the Four Woods by 14 to 22 to complete the week's play.

The league schedule through next Tuesday, May 9, follows:

- May 3—Rippers vs Bldg. 9212. Left Overs vs Hooks.
- May 4—Deacons vs Four Woods.
- May 5—Rough Riders vs Chippers.
- May 9—Rough Riders vs Four Woods.

Women's Softball Practice Being Held At Fairview

Manager Ray Ledford is continuing the regular Wednesday and Friday afternoon practice sessions for the Y-12 women's softball team to get the team in shape for the coming Oak Ridge league season. The workouts are held at 5:50 o'clock at the Fairview School diamond.

An announcement of plans for the league operations is expected to be made by the City Recreation Department within the next few days.

'LAND OF PEACEFUL ATOM'

The title, "Canada—Land of the Peaceful Atom," may be recognized more fully in the future among nations following discussions among top atomic authorities of the United States, Canada and Great Britain, the Ottawa Star believes.

Burns, Savage To Lead Cards; League To Open Play On Sunday, May 14

Bill Burns and Wes Savage, both of Isotope Research and Production, have been chosen co-managers of the Y-12 Cardinals baseball team in the Oak Ridge City League for the 1950 season. The pair was named by team candidates and co-pilots took over their jobs last week. Burns, a heavy-hitter, will direct the team on the field and do some pinch hitting and Savage will take care of business details and assist Burns.

Eight Teams In Circuit
Eight teams will compose the City League this season, six from Oak Ridge being augmented by clubs from Lake City and Oliver Springs. The Oak Ridge teams are Y-12, K-25, Oak Ridge National Laboratory, Roane-Anderson, Atomic Energy Commission and Community Stores. Games will be played Sunday, Monday, Tuesday, Thursday and Friday at Gamble Valley, starting at 8 p.m. Games scheduled for Oliver Springs will be played at Lake City until the Oliver Springs field is completed.

Bosses Burns and Savage are confident that the Cardinals will have a good team on the field this season but still are hunting more material. Every man in the plant wanting to try out for the club is urged to report for practice sessions as the managers point out no job on the team is clinched and that everyone coming out will be warmly welcomed.

Y-12 Meets Stores First

The league season will get under way Sunday night, May 14, with Lake City and K-25 prying off the lid. Other first round games include Oliver Springs vs ORNL, Community Stores vs Y-12 and Roane-Anderson vs AEC.

The Cardinals' practice sessions this week follow:

- Thursday, May 4, 7:30 p.m., Gamble Valley.
- Friday, May 5, 5:30 p.m., Oakwood No. 1.

Y-12ers Enrolled In Seamanship Class Of ORPS

The third class in seamanship to be sponsored by the Oak Ridge Power Squadron has been opened with a number of Y-12ers enrolled as pupils. Included among them are Dr. E. D. Shipley and Mrs. Shipley, E. G. Richardson, Harry Cupp and Paul Wilkinson.

In addition to the Y-12 pupils, several other Y-12 men are listed as instructors. Chief instructor is G. J. Angele, who is being assisted by Walcott Watson, George Banic and W. R. Rathkamp.

The class meets every Tuesday night and covers a 12-week period of instruction in methods of handling boats in fair and foul weather, knot tying and other phases of seamanship to acquaint the boatmen with rudiments of the subject and how to safely handle private craft.

First Games Scheduled At Pinewood; Pilot Dew Has Team Of Veterans

The Y-12 men's varsity softball team will pry the lid off the Oak Ridge A League season at 7:45 o'clock next Monday night, May, 8, at Pinewood Park, against their old rivals from K-25 as the loop launches its 1950 season. In the nightcap of the double header at 9:15 o'clock the 1949 A League champions from Oak Ridge National Laboratory will tackle the Roane-Anderson nine.

Richard Dew will manage the Y-12ers this season and the plant team will have on its roster many of the veterans that won the city championship in the B League last year. Ed Sise, one of the best softball hurlers in the city, is expected to do a lot of chucking this season and will be given help by Keys. Hale and Snyder are the top backstopping candidates.

Extra Games Are Offered
The league this season is sponsored by the Oak Ridge City Softball Association and games will be played Monday, Tuesday, Thursday and Friday nights. To offer Oak Ridge fans a full measure of entertainment and to promote softball in the city, on nights when only one game is scheduled in the league the program will be filled out by staging a preliminary contest between some other Oak Ridge teams in other leagues, giving these teams an opportunity to play before larger crowds and under better lighting conditions. These contests will start at 7:45 p.m.

Admission for all games will be nine cents for children under 13 years old and 25 cents for adults. **Fine Opening Program Arranged**
League play will open at Pinewood Park, moving to the new Middletown Park June 3. The new park is now being conditioned for play and an ambitious opening program has been arranged with outstanding teams being invited to clash with Oak Ridge's best talent.

On the night of June 3 Roane-Anderson will meet the Chattanooga Wreckers and ORNL will clash with the 1949 Knoxville champions and on the following night Canton, N. C., will send a team here to play in both ends of a double header with K-25 and Roane-Anderson providing the home opposition.

The city softball tournament has been scheduled for August 4, 5, 6 and 7 with the state tournament being set for Chattanooga August 18, 19, 20 and 21.

Six Teams In League
The A League this season will have six teams competing. They are Y-12, K-25, ORNL, Roane-Anderson, Oak Ridge Motors and the Vagabonds, the latter team being composed of players representing the K-29 and K-31 plants.

Following the opening games on May 8 the league schedule through May 16 has been announced as:
Tuesday, May 9—9:15 p.m., Oak Ridge Motors vs Vagabonds.
Thursday, May 11—9:15 p.m., Oak Ridge Motors vs Roane-Anderson.
Friday, May 12—7:45 p.m., Y-12 vs ORNL. 9:15 p.m., Vagabonds vs K-25.

Monday, May 15—7:45 p.m., Roane-Anderson vs K-25. 9:15 p.m., Oak Ridge Motors vs ORNL.
Tuesday, May 16—9:15 p.m., Y-12 vs Vagabonds.

Y-12ers Invited To ORNL Card Party
A "Come One, Come All" card party is being arranged by the Oak Ridge National Laboratory Girls Club for 7:30 o'clock Saturday night, May 15, in the East Lounge of the Ridge Recreation Hall. A cordial invitation is extended by the ORNL club to all Y-12ers to attend the affair. Admission is free. Bridge, rummy and canasta will be played and prizes awarded for high scores. Door prizes also will be awarded and refreshments served.

Crooked rivers get that way by taking the line of least resistance.

SPORTS NEWS

Plant Softball Teams Practice Times Given

The five softball teams that will compose the Y-12 Plant League this season are rapidly getting the kinks out of their systems in practice sessions in preparation for the league opening on Monday night, May 15, at Oakwood Park. The league has perfected its organization and officers probably will be elected within the next few days.

All practice sessions will be held at Oakwood Park. The schedule for workouts follows:

- Wednesday, May 3—6 p.m., All Stars and Bldg. 9212. 7 p.m., Isotopes and Rippers. 8 p.m., Bums and All Stars. 8 p.m., Rippers.
- Wednesday, May 10—6 p.m., All Stars and Rippers. 7 p.m., Bums and Isotopes. 8 p.m., Bldg. 9212.

Y-12 Will Enter Tennis Teams In Ridge Loop

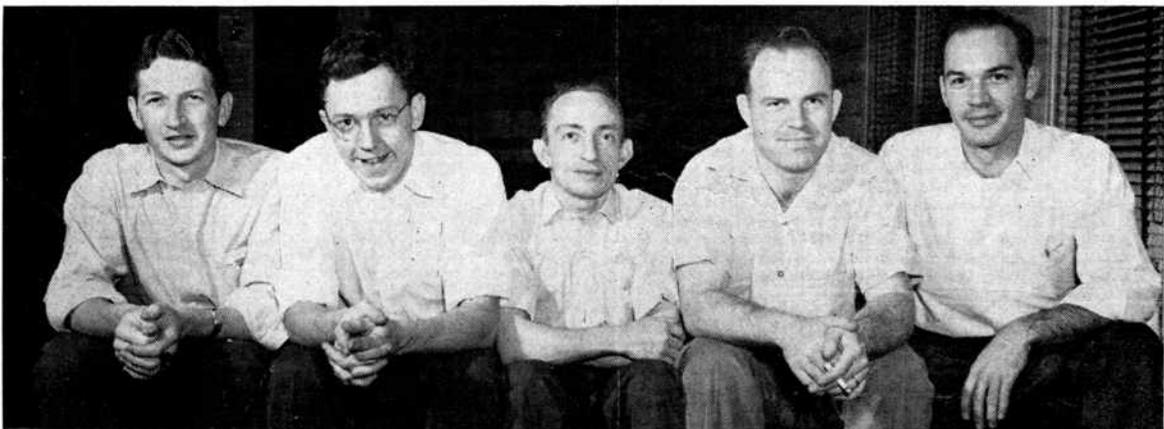
Y-12 will have tennis teams of men and women entered in Oak Ridge leagues where play is scheduled to get under way next Tuesday, May 9, it has been announced by the Recreation Office.

Because of the short time remaining before the season opens, all men and women tennis players in the plant who want to try out for the teams are urged to communicate at once with the Recreation Office, North Portal, telephone 7-8252. The Recreation Office will arrange practice matches for the team candidates in an effort to select the best possible teams to represent Y-12 on the courts this season.

The Y-12 women's team last year, captained by Helen Burkhart, won the Oak Ridge championship easily, taking 60 matches and losing only 12. The men's team was captained by Mal Wallis. Captains of the 1950 teams will be elected after the teams are picked.

Mind your motor manners. Courtesy will prevent accidents.

A scientist, after finding that cheerful people resist disease better than glum ones, said: "The surly bird catches the germ."



6-1161
ALTHOUGH THEY HAVE NOT BEEN RATED AMONG THE TOP TEAMS OF THE B LEAGUE of plant keglers this season, the One-91 pinmen, pictured above, have been in there rolling their best and giving a good account of themselves throughout the season. From left are Herbert Guinn, Bill Wilcox, Jessie (Shorty) Heatherly, Jim Redmond and Delmas Glover.

Y-12 Photos By Vince Moore

CARBIDE AND CARBON CHEMICALS DIVISION

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Y-12 Completes Three Successful Years Under Carbide; Achievements Are Cited

(Continued from Page 1)

vice with Carbide.

As a result of those interviews, more than 98 per cent of the approximately 2,400 persons interviewed decided to cast their lot with Carbide. A great majority of them enrolled in the Carbide Group Insurance Plan and the Carbide Savings Plan, among the employee-benefits offered.

Shortly after Carbide came to Y-12, it was announced on May 13, 1947, that the Group Insurance Plan had been revised to provide more benefits for enrollees—for instance the weekly maximum payments for sickness were raised from \$24.50 to \$40 and life insurance values also were increased with only a small increase in premium. Just a few days later, on June 13, it was revealed that 93.5 per cent of eligible employees had taken advantage of the group insurance coverage and at the end of June it was announced that health and accident payments totaling \$6,138.84 had been paid from May 4 through June 30.

Many Benefits Are Received

Since that time Y-12ers have promptly received payments totaling many thousands of dollars in insurance benefits in addition to dividends from their membership in the Carbide Group Insurance Plan.

On June 10, 1947, applications for membership in the Fifth Carbide Savings Plan first were distributed. A large number of Y-12ers joined the movement along with other Carbide employees in Oak Ridge and the payroll deductions began July 1. Few realized how "painless" the savings system was until termination of the Fifth Carbide Savings Plan July 1, 1949, when the substantial nest egg of \$3,594,593.99 was distributed to 6,786 employees in the three Company installations. A total of 81.4 per cent of all Carbide employees were enrolled in the plan during that period.

Savings Plan Draws Many

So it was no surprise when enrollment cards for the Sixth Carbide Savings Plan, started July 1, 1949 and ending July 1, 1951, were distributed in Y-12 in June, 1949, 95.3 per cent of Y-12 employees joined up.

Another step forward for hourly roll employees in the plant was announced on August 26, 1949, when a new holiday pay plan to become effective August 31 was described. The new plan, applying to Labor Day of that year for the first time, provides straight time pay for holidays not worked for those employees scheduled to work on that day and for double time pay when holidays are worked. The plan later was made retroactive to cover July 4, 1949. The plan was adopted after close study had been made by the Company to difficulties encountered by hourly roll employees because they lost a day's pay during a work week in which the holiday occurred.

Six Holidays Are Recognized

In connection with this step, it was announced that recognized Company holidays were New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas.

Further strides toward increasing pay of Y-12ers have been made during the past three years. Among these were a general pay increase of 10 cents per hour for all employees, with 15 cents for C Shift workers, announced December 23, 1947. At the same time it was

announced that hourly paid employees with one year of Company service were eligible for non-occupational disability and sickness benefits in addition to other insurance benefits. These payments were generally revised upward on June 29 of the following year. Another general pay increase of five cents per hour for permanent hourly employees was announced effective August 9, 1948. Meanwhile on June 8 of that year a new rate progression schedule was adopted providing increases in pay up to the maximum job rate every six months for hourly employees when workmanship and ability warranted.

Isotope Program Outstanding

Undoubtedly the foremost publicly announced scientific achievement in Y-12 during the past three years is the production and distribution of stable isotopes. Although the research work in this field was started late in 1945, it was not until December 9, 1947, that any news on the project was made public.

Then it was learned that as a result of the concentrated efforts of Y-12 scientists over many months more than 100 stable isotopes of 29 elements were available for distribution to laboratories throughout the United States. Since that time the Isotope Research and Production Department has increased its activities so that 144 stable isotopes of 36 elements now are produced.

Since then and through March of this year the department has made 458 shipments of stable isotopes to laboratories and installations operated by the Atomic Energy Commission and 283 to privately operated laboratories and institutions.

Cyclotron Is Being Erected

Another milestone in the scientific progress of Y-12 was announced on February 22 of this year when it was revealed that an 86-inch cyclotron was being erected in the plant area as a part of the research program of the Oak Ridge National Laboratory. It is the first cyclotron in the Southeast and when put into service will give acceleration of protons to 20,000,000 electron volts. A small test cyclotron has been in operation for some time with an acceleration to 2,000,000 electron volts. These instruments can bombard stable isotopes produced in Y-12 to produce certain radioactive isotopes not previously available.

Y-12 has been host to two large and nation-wide gathering of scientists. In April, 1949, many of the country's leading scientific men met here in the Spectroscopy Symposium. Dr. Robert F. Bacher, then a member of the Atomic Energy Commission, was the featured speaker at a dinner for the visitors and highly praised the Y-12 isotope program as being of great value to the commission. Then in November of the same year the AEC Information Meeting for representatives of AEC installations all over the United States was held in Y-12 with Dr. Harry D. Smyth, also a member of the AEC, being the principal speaker. He was introduced by Dr. George T. Felbeck, Carbide vice president.

National Safety Citations Earned

During the three years under Carbide, Y-12ers have been outstanding in establishing enviable records in fire prevention, safety and first aid. Several national and

Company citations have been earned and the trend toward safe operations and conduct both on and off the job have been reflected in increased efficiency both on the part of every individual employee and the plant itself.

The fire prevention program for 1947 in Y-12 was acclaimed second best in the nation in the annual contest conducted by the National Board of Underwriters and the National Fire Protection Association, finishing just one point behind the K-25 plant in ratings of industrial plants throughout the nation and Canada. In 1946 Y-12 had placed sixth in this contest.

The 1948 fire prevention program in Y-12 was rated even with that of K-25 for first place in the national contest. Certificates attesting to these records were awarded employees of the plant for achieving the goals.

Hundreds of Employees Trained

These citations and the numerous safety awards presented to the plant are to a great extent the result of training given hundreds of employees in fire fighting, first aid, building evacuation and other phases of how to protect the safety of the individual employee and the plant under the Plant Emergency Plan. The training was given by the Training Department, beginning back in January, 1948, and covering both men and women employees.

On March 23, 1948, a broad safety campaign was launched in Y-12 with the appointment of three types of safety committees to operate throughout the plant. Safety scoreboards were erected at the three plant portals September 8 of that year to increase the safety consciousness of every employee and through the individual effort and cooperation of every Y-12er the splendid record of safe operations of the plant began to blossom.

When the scoreboards were erected the previous longest period of operations in Y-12 without a lost time accident was 90 days. On November 23, 1948, the scoreboard showed for the first time that the previous mark had been exceeded and records revealed that 1,000,000 man-hours of work had been completed safely.

Bronze Safety Plaque Earned

Then on December 31, 1948, it was announced that Y-12ers had worked 1,500,000 man-hours without a disabling accident during a period starting August 23 and as a result the plant would be awarded a handsome bronze plaque by the Company and individual awards would be presented all eligible employees who contributed to the record. The plaque was unveiled the following April 19 in the plant cafeteria along with the two fire prevention certificates.

Meanwhile the period of safe operations continued beyond the 2,000,000 man-hours mark and 180 days in March, 1949. However, on April 26 a lost time accident was reported after the plant had operated approximately 2,875,000 man-hours with a mishap. At that time 246 days had elapsed without a disabling accident.

That setback had no effect on the general safety consciousness of Y-12ers, as they started immediately to establish another fine record. The second period of 1,500,000 man-hours of safe operation was reached again last December 14 on the 168th day without a lost time accident and the Company awarded Y-12ers a service bar to attach to the plaque previously presented and a second round of individual awards were made.

Safety Council Announces Award

Further national recognition for the Y-12 safety program was given March 22, 1949, when the National Safety Council announced an award for the plant for having reduced the frequency and severity of accidents in 1948 from 1947. The frequency rate is the number of lost time accidents per 1,000,000 man-hours worked and the Y-12 record for 1948 was 2.50 per cent, a reduction of 48 per cent from the preceding year. The severity rate is the number of days lost per 1,000 man-hours of work and the Y-12 rate in 1948 was .16 per cent, a decrease of 89 per cent from 1947.

These figures were even bettered in the following year as the 1949 frequency rate in Y-12 was .57 per

cent, a reduction of 80.7 per cent, and the severity rate was .068, reduced 72.7 per cent from 1948.

AEC Manager Praises Record

The 1949 figures placed Y-12 in the forefront among major contractors in the AEC and Carroll L. Wilson, AEC general manager, highly praised Y-12ers for their mark. He pointed out that the frequency rate for installations operated by AEC was 4.94 in 1949 and that the rate for all industry in 1948, the latest available figures, was 11.49 per cent.

The many hours of work spent by Y-12ers at first aid training paid dividends September 28, 1948, when a Y-12 women's team outscored all opposition in the annual Carbide first aid contest held at Blankenship Field. Another Y-12 team of men from the Fire Department finished third among the 37 teams competing. The following year a Y-12 team also finished on top, the victors being another Fire Department team. In fact Y-12 teams finished first, third and fourth among 38 teams in the contest.

The fire protection program in the plant has been improved by installation in May, 1949, of sprinkler systems in 11 more buildings in the plant and in December of the same year the new fire alarm system with 96 boxes strategically located through the plant was placed in operation.

Recreation Program Is Extensive

One of the big factors that has banded Y-12ers together on and off the job is the widespread recreation program of the plant. Not only organizing and supervising competition in all sports that Y-12ers indicate they desire, the Recreation Office also has contributed to the fun and relaxation of employees and members of their families away from the plant.

Everyone in the plant has been invited to participate in the various sports activities planned by the Recreation Office. Hundreds of Y-12ers as a result have had a lot of fun and kept fit physically and alert mentally by playing on plant league or varsity teams in baseball, softball, basketball, tennis, golf, bowling and other games.

An exceptional spirit of sportsmanship has been developed from these activities as well as friendly rivalry among various departments and groups for supremacy in the many leagues that have been formed. In competition with other Oak Ridge athletic teams Y-12ers have more than held their own over a period of years, as is attested by the large number of prizes on hand in the Recreation Office trophy case.

Trophies Given To Winners

To encourage participation in sports activities, the Company presents trophies of various kinds to members of winning teams in plant league competition, thereby increasing the employee interest.

However, the activities of the Recreation Office does not end with sports. The annual Christmas parties for children of Y-12ers have been looked forward to from year to year by youngsters and have drawn packed houses when presented at Oak Ridge theaters. The youthful guests all are remembered by Santa Claus with gift stockings and old St. Nicholas has never forgotten those that might be confined to homes by illness—as the Christmas sleigh has been driven right up to their doorsteps. Then too, the adults also come in for their fun every Christmas with a fine party.

Camera Club Is Popular

A year around activity sponsored by the Company through the Recreation Office is the Carbide Camera Club. The club, open to membership for employees of all three Carbide units in Oak Ridge is provided quarters in the Y-12 East Portal building. There the photographic enthusiasts are provided with a dark room, printing and developing equipment and other conveniences. The club holds monthly contests for its members and some of the black and white prints and color slides produced by and displayed at these exhibits are of the very highest quality. The Carbide Camera Club started as a Y-12 project, but later was expanded to encourage amateur photographic activities by all employees of the three units.

Ridge Instrument Society

Will Hold Meeting Tonight

The Oak Ridge Section of Instrument Society of America will hold its monthly meeting 7:30 o'clock tonight at the Terrace. The business meeting will be preceded by a dinner at 6:30 o'clock at the same place.

W. D. MacGeorge, director of research of the Automatic Temperature Control Co., will be the principal speaker at the business meeting. His topic will be "The Differential Transformer."

The speaker will outline the basic design of differential transformers and the circuits that permit their application to the measurement of instrumentation variables such as pressure, flow and force. Only in recent years has the differential transformer been used in the science of instrumentation for measurements of straight lines through converting motions into signals suitable for electrical transmission.

'Low Temperatures, Nuclei'

Topic Of Seminar Discussion

"Low Temperatures and Nuclei" will be the topic of discussion at the meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, May 5, in the East Lounge of the Ridge Recreation Hall. Prof. H. Froelich, of the University of Bristol, England, and also of Purdue University, Lafayette, Ind., will be the principal speaker.

All Y-12 scientific and technical personnel are invited to attend the seminar sessions, which are held every Friday afternoon. No meeting was held last week because of the American Physical Society meeting in Washington that drew a large attendance from Oak Ridge.

During the summer picnic season many such events are furnished with horseshoe, softball and baseball gear and other available equipment to help make the outings successful. In addition, the Recreation Office has staged checker matches and tournaments—being ready to step in whenever possible to do its bit toward assisting one and all carry out their recreational wishes. This program has contributed much toward the high morale of Y-12ers in their plant and outside activities.

The high standards of Y-12ers on their jobs in the plant also has extended to many phases of civic activities in Oak Ridge and many folks in the Y-12 family are leaders in the social, religious and club life of the community.

This civic spirit has been in evidence in Y-12 whenever a community appeal has been made. The Community Chest and Red Cross have never gone away with less than an exceeded quota, the average ranging up to 156 per cent such as was registered in the latest Red Cross drive a few weeks ago. Y-12 has consistently been the first unit in its group to report "over the top" results to drive headquarters year after year.

Returning to some of the plant activities during the Carbide regime and steps taken to make employment here more pleasant and convenient for employees, it is noted that back in February, 1948, a check cashing facility was opened for Y-12ers that has resulted in saving of many hours of time for its users. Through November of last year more than \$5,000,000 had been paid out over its counters. The Company also inaugurated its facility for selling safety shoes to employees at \$2 under cost that has proven popular. In 1948 a program of street and sidewalk improvement was carried out with three miles of roads and two miles of streets paved in the plant to make walking safer and more comfortable.

Prospects Bright For Future

So, as Y-12 enters its fourth year as a unit of Carbide and Carbon Chemicals Division of Union Carbide and Carbon Corporation, every person connected with the organization can well be proud of such connections—and with their record of continually forging ahead in whatever endeavor is undertaken prospects loom bright for another year of successful and happy activities in Y-12.