

## Varied Program Of Recreation Now Is Being Planned For Y-12ers Seeking Exercise And Entertainment During Spring And Summer

### Softball, Bowling, Golf Loops Viewed

With indications pointing to more and more Y-12ers seeking entertainment, exercise and relaxation during their after-work hours in the coming Spring and Summer months, the Y-12 Recreation Office already has laid plans for what is expected to be a banner and busy season. A varied program of sports and other recreational services for employees has been mapped out by the Recreation Office in answer to a barrage of questions and suggestions received during the past several weeks.

Highlights of the program so far

developed include league competition in such popular sports as softball, golf, bowling, tennis, and horseshoe pitching. Also being offered by the Recreation Office is an assortment of vacation information such as road maps and guides.

### Suggestions Are Welcomed

Plans for several other activities are underway and suggestions from Y-12ers throughout the plant on their desires will be welcomed by the Recreation Office and also by the Plant Recreational Committee, composed of representatives from all divisions which has been cooperating with the Recreation Office in acting as a sounding board to receive suggestions for the seasonal program. This com-

### Suggestions Sought For More Activities

mittee is composed of Joe Smyrl, chairman, Alloy; Harold Babb, vice chairman, Mechanical Operations; Elmore W. Koons, Maintenance; D. B. Samuels, Chemical; Frank Fuis, Technical; Fred Ufleman, Manufacturing Office; Betty Whitehorn, Industrial Relations; and H. N. Benninghoff, Superintends. W. H. Stanton, Jr., Recreation Supervisor, is secretary of the group.

Plans for the ever-popular sport of softball in the Y-12 Plant for

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## UCC Plans Offer Sound Programs For Now, Future

### General Savings Fund Regulations Changed To Speed Distribution

To insure a prompt distribution of the General Savings Fund of the Carbide Savings Plan at the end of the current two-year period of the plan on June 30 of this year, some exceptions to the regulations for the Plan for the months of May and June have been announced. The Carbide Savings Plan is one of the several Union Carbide and Carbon Corporation Employee Benefit Plans set up by the Corporation for its employees in all Divisions, of which Carbide and Carbon Chemicals Company is one.

No changes in rates of deductions or voluntary suspension of deductions in the General Savings Fund by Y-12ers enrolled in the Company Savings Plan will be allowed between May 15 and July 1. Another exception will be that no new additions are to be added to the Carbide Savings Plan from the week ending May 22 through the week ending June 26. Y-12ers eligible to enroll during this period will be enrolled effective the first pay period of July. They may request back payments for any eligible payments if they desire by attaching such request to their application for enrollment.

### No Withdrawals After May 20

Y-12ers may not make withdrawals from the General Savings Plan after May 20 as all such withdrawals must be in the New York office of Union Carbide not later than May 25. Also, any Y-12er who has voluntarily suspended deductions from the Carbide Savings Plan must reinstate them by May 15 if any deductions are desired before the closeout of the General Savings Fund.

Any questions by Y-12 employees on these exceptions should be referred to the Timekeeping Department, plant telephone 7657. The department is located on the ground floor of the Y-12 Cafeteria.

The Union Carbide Employee Benefit Plans work together to form an integrated program that is more than just the sum of the plans. They are not patchwork answers to separate problems, but parts of an all-around program that can help Y-12ers and other Carbide employees meet emergencies and make financial plans for the future.

### Three Goals Kept In Mind

Three goals were kept in mind as the Union Carbide Employee Benefit Plans were developed and the individual plans designated to meet those goals. The goals are:

To provide the employee with protection and benefits during his working life.

To provide the employee with protection and benefits after retirement.

To provide the employee with protection and benefits for his family.

Several plans were set up to meet the first goal. What if a Y-12er wants to buy a new automobile or a television set? There's the General Savings Fund part of the Carbide Savings Plan, which

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## 14th Safety Period Ends In Y-12 Plant

### Award Cards Recalled For New Selections

The 14th Carbide Safety Period and the first of 1955 in the Y-12 Plant Area, was broken last Friday when a pipefitter in the Alpha Five Maintenance Department suffered a disabling injury. The middle finger of his right hand was injured to the extent that amputation at the first joint was necessary.

The lost time accident cut the string of accident-free days in Y-12 at 58, during which 2,058,506 hours of operations were performed.

To expedite distribution of individual awards to eligible employees, all selection cards previously distributed for the 13th Carbide Safety Period are being recalled and six articles added to the original list of 11. This will give Y-12ers two selections to make from a total of 17 articles. Added to the list are a woman's compact, Esquire shoe shine kit, fish landing net, Thermos bottle, vise and can opener. The selection cards will be redistributed so that employees eligible for the awards may make their second choice.

The articles are on display at the following places:

Y-12 Cafeteria.

East Portal—No. 4 booth.

North Portal—Old quarters of The Bulletin and Recreation Office.

Central Parking Lot—Extreme north booth.

West Portal—Paymaster's booth. Bear Creek Portal—Paymaster's booth.

Y-12's 13th Company Safety Period was the fourth established in the Y-12 Plant Area during 1944—during which 2,775,383 hours of operations were performed without a lost time accident.

### HIGHEST AND LOWEST

Mt. McKinley in Alaska is the highest spot in North America, being 20,300 feet high. The lowest place is Death Valley, in California, 280 feet below sea level.

### BIRTHS ON INCREASE

During the last six years, there have been approximately 1,000,000 more births in the United States each year than the average during the preceding years.

### ENTREES ANNOUNCED FOR SPECIAL LUNCHES AT Y-12 CAFETERIA

Chicken croquettes with parsley sauce will be the entree for the Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, March 17. On next Tuesday, March 22, the main dish on the Special Lunch will be Italian spaghetti and meat sauce. Each 50-cent Special Lunch will include one vegetable, choice of salad or dessert and rolls and butter.

## Sealed Bid Sale Set For Tools On March 29

### Small Machine Items Also Will Be Offered

Some real bargains in tools and miscellaneous small machine items are to be offered for sale by Carbide and Carbon Chemicals Company under sealed bids on Tuesday, March 29. The bids are to be opened at the Company warehouse on River Road at 2 p.m. on the day of the sale.

### Are Excess or Surplus Property.

A wide variety and large quantity of articles are to be sold under the sealed bid sale. The items include new and used hand tools, machine tools and miscellaneous items. The tools are not the broken articles formerly selling at 25 cents per pound, but are excess or surplus and either new or slightly used.

Y-12ers and others interested in submitting items on the articles may view the articles from 8 a.m. to noon on Saturday, March 19, when the Property Sales Department at the warehouse will be open for the usual bi-monthly Saturday sales. For the convenience of purchasers who may want just a few of the items offered, assortments of small lots will be offered at the sealed bids sale.

### Many Items To Be Sold

Among the items to be sold are hand saws, motors, wrenches, planes of various kinds, jigs, hatchets, hammers of different sizes, dies, chain hoists, calipers, blowers, bicycles, benders, anvils, and many others.

All Carbide employees may submit sealed bids at the March 29 sale except those who have had knowledge of plans for the sale. No article or lot of items may be purchased for resale.

## Two Y-12ers Receive Promotions March 1



R. H. Tilley H. A. Fischer, Jr.

Two more Y-12 employees have been awarded promotions to Supervisory posts, effective March 1. Both were promoted to the rank of assistant foreman.

Robert H. Tilley is in the E Mechanical Operations Department of the Mechanical Operations Department. He was a foreman's clerk before his advancement. He came to work in Y-12 on November 1, 1951.

Herman A. Fischer, Jr., was a chief files and record clerk in the Colex Operations Department of the Alloy Division before his promotion. He has been a Y-12 employee since December 26, 1951.

### SAFETY SCOREBOARD

The Y-12 Plant Has Operated

Two Days Or 71,862 Hours (Unofficial Estimate)

Without A Lost Time Accident Through March 13

## Y-12ers And Friends Invited To Attend 'Get Acquainted' Party Friday, March 25

The principle objective of the Y-12 Girls Club is the promotion of friendship and fellowship among Y-12ers—men and women alike.

With that objective in view—the organization is busily planning for its "Get-Acquainted" party to be given on Friday night, March 25, at the Paragon in the Jefferson Circle vicinity. The general idea, of course, is to have as many Y-12ers as possible and their

friends turn out to renew old friendships and create new ones.

New employees are especially urged to make arrangements to attend the party and meet more Y-12ers than they might ordinarily do in the general daily work schedule.

There will be dancing to the music of the Dave Blessing Orchestra—with the fun beginning at 9 p.m. and lasting until 1 a.m. Admission is only \$1 per person.

## St. Patrick's Theme Set For Carbide Wives Party

St. Patrick's Day theme will be carried out in the decorations for the monthly card party and meeting of the Carbide Wives to be held tonight, Wednesday, March 16. The party will be held in the East Lounge of the Ridge Recreation Hall with a green and white color scheme used. Canasta, bridge and bingo will be played with prizes being awarded the winners. Refreshments will be served.

# The Bulletin

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Y-12 Employees Of  
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GEORGE W. DOBBS . . . Editor

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## ASME To Hear Ward On Atomic Energy

The necessity for atomic energy in the economic life of the nation will be discussed by J. Carlton Ward, president of the Vitro Corporation of America, in a talk at a meeting of the Oak Ridge Section of the American Society of Mechanical Engineers tomorrow night, Thursday, March 17. The meeting will be in the Starlight Room of the Oak Terrace. Dinner will be served at 6:30 p.m. with the meeting beginning at 7:45 p.m.

The Vitro president has been prominent in both the aircraft and chemical industries and his company currently is engaged in a full cross-section of activity in the field of nuclear energy. He became president of the firm in 1953 and also is chairman of the board of the Atomic Industrial Forum and is one of the top lecturers in the field.

Ward is a graduate of Cornell University and for years was with the Pratt and Whitney Engine Division of the United Aircraft Corporation. He later became president and chairman of the board of the Fairchild Engine and Airplane Corporation and while with that firm he founded the Nuclear Energy for Propulsion of Aircraft Project (NEPA) and acted as project head. That project was active in Oak Ridge for some time.

The Vitro firm is a diversified industrial organization which, among other things, did the design and engineering of the original K-25 gaseous diffusion plant in Oak Ridge.

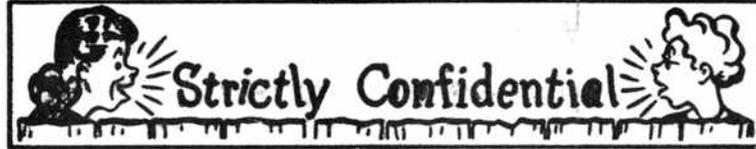
## Chemists Set Lecture Tomorrow By Fuoss

A lecture on "Polyelectrolytes" by Dr. Raymond M. Fuoss, of Yale University, will feature a meeting of the East Tennessee Section of the American Chemical Society tomorrow night, Thursday, March 17. The address will be given at 8 p.m. at the Robertsville Junior High School and preceded by a dinner at 6:30 p.m. in the Oak Ridge Elks Club.

Polyelectrolytes are electrolytes of high molecular weight. Proteins are a typical example of polyelectrolytes in the natural state. Dr. Fuoss, an educator and scientist, received his Ph.D. Degree from Brown University in 1932 with his thesis work being on the behavior of electrolytes in non-aqueous solvents.

Dr. Fuoss was born in Bellwood, Pa., in 1905 and received his B.S. Degree from Harvard University. In 1935 he received the American Chemical Society Award in pure chemistry for his work in electrolytes. He joined the staff of the Research Laboratory of General Electric Co., Schenectady, N. Y., in 1936 and in 1945 was named Sterling Professor of Chemistry at Yale.

To know what you prefer, instead of humbly saying Amen to what the world tells you you ought to prefer, is to have kept your soul alive.—R. L. Stevenson.



Those breezy and mild days last week were the sort that if someone told someone to "go fly a kite"—he probably would.

So—here—we—go—to fly a kite with the chit-chat around Y-12.

### MAINTENANCE

The arrival in an Atlanta, Ga., hospital last week of Elmore W. Koons, III, qualified Elmore Koons, of Field Maintenance, as the newest member of the Grandpop's Club of Y-12. Bill Koons, the father involved, is a former Y-12er of Buildings and Grounds now in the Navy at Washington, D. C., and the mother, who with E. W. III, is doing fine, is the former Miss Caroline Hockaby, of Decatur, Ga. The youngster who caused all this commotion and comment was born at 5:10 a.m. last Thursday and weighed seven pounds, 14 ounces.

C. B. Newman, of the Maintenance Division and Electrical Maintenance, has left the Oak Ridge Hospital for home after an illness of more than two weeks—get well wishes are sent his way . . . Condolences from the electrical workers were sent to R. E. Reneau, whose brother died last week in Sevierville . . . That department also congratulated A. T. Wallace, who became a proud father last week on arrival of an eight-pound, plus, son at the Oak Ridge Hospital.

Lamar Matthews, Planning and Estimating, is vacationing in Florida . . . Clyde Brewer has returned after a spell of illness but Phyllis Terry is on the ailing list.

The Laundry Department sends rapid recovery wishes to its sick folks—Maude Duncan, Flossie Smith and Laura Kennedy.

S. H. Floyd, Alpha Four and Five Maintenance, is a vacationer this week.

Leonard Nation, of Salvage, has completed his new home over at Oliver Springs . . . Get-well wishes are sent to the wife of C. T. Russell.

### INDUSTRIAL RELATIONS

The Cafeteria welcomed Edna Campbell back to work last week after she had been off sick for some time.

Capt Emmett Moore was getting his rapid-recovery wishes in the Oak Ridge Hospital from Fire Department buddies . . . C. C. Butler also is on the sick list . . . T. E. Ford was the department vacationer of last week.

The Guard Department has C. E. Alcorn and F. C. Fluri vacationing—but destinations are unreported.

### MECHANICAL OPERATIONS

Jim Thorpe, of the General Machine Shop, has as guests his daughter and son-in-law, the James W. Neilsons (she's the former Miss Patricia Thorpe) from Denver, Colo., who will go to Cedar Rapids, Iowa, from here . . . Get well wishes are being wafted to G. A. Kirk, in Ft. Sanders Hospital in Knoxville—also to W. J. Grigsby in Kingston . . . George Ferrell—Y-12's champion fisherman, and family spent the last week end down in Alexander City, Ala. . . Fish stories expected soon . . . Gordon Brewer and E. R. Easterday tried the fishing over at Cedar Hill recently—no luck reported . . . A. T. Daniel is absorbing Florida sunshine in Daytona Beach this week . . . G. W. Puckett selected Alabama for vacation purposes last week . . . J. L. Arms was vacationing—period . . . J. H. Eidson has a new daughter—born March 9 in the Oak Ridge Hospital . . . F. L. Downing is proud of his new home recently acquired at Powell . . . Also proud of new possessions—automobiles,

this time—are Bob Loy, C. P. McLemore and Cecil McCoig—hey fellers, going our way?

The Mechanical Operations Division extends sympathy to H. L. Brown, whose father, Curtis Brown, died unexpectedly last week in Lenoir City . . . Also get-well wishes to J. A. Collins, W. T. Luffman over in Harriman, E. S. Moses and F. A. Harris . . . Frankie DuBose vacationed last week at home in Harriman and entertained her son and a couple of Spanish-speaking pals from Castle Heights Academy—got on all right, too . . . J. Deans also is a vacationer . . . C. M. Rockholt now is an official Oak Ridger, having moved his family here from Chattanooga . . . C. J. DeHart and O. B. Cottrell reported good fishing recently at Cherokee Lake.

### MANUFACTURING OFFICE

Sid Liles, out at Property Sales, reports (it sounds like Ross Eichorn) that the granddaddy of all rats must be located near his (Liles') house . . . The rodent, Sid swears, ate a hole as large as a man's fist through a three-inch concrete floor of the Liles porch and the narrator wonders if a "rat-tail file was used" (Oh me, oh my) . . . Fortunately, R. V. Brackney wasn't around to hear this story—he went to Paducah, Ky., for a meeting with Carbide colleagues.

The Tool Department sends congratulations to Jo Ann Osborne, who was married to Stanley Lyle, of Oak Ridge National Laboratory, in Trenton, Ga. . . Jimmy Turner combined business and pleasure by moving into his new home in Clinton while vacationing.

Material Control sends rapid-recovery wishes to Ruth West, in the Oak Ridge Hospital, and G. H. Gentry in St. Mary's Hospital in Knoxville . . . Congratulations to Carolyn Blackburn, who was married to Charles G. Treece, of Field Maintenance, on February 25 . . . Likewise to him.

### SUPERINTENDENTS

General Utilities sends rapid-recovery wishes to Steve Porter's wife—she's ill in the Vanderbilt Hospital in Nashville . . . Also sympathy to Oscar Blackwell, whose brother-in-law died last week.

### TECHNICAL

Bill Hood, Mechanical Engineering, and Mrs. Hood are rightly proud of their new son—Mark Jeffrey, born March 5 in St. Mary's Hospital in Knoxville and weighing seven pounds, one ounce.

Ava Jackson (call me Jackie) of Health Physics, spent one of her periodic week ends with the home folks down in Athens, Ala.—prob-

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## St. Pat Would Turn In Tomb To Read This



By Ann O'Nymous

Oh, begorra, bejzus, begad and all the other alleged Irish expressions—and will ye take a peep at the calendar to see what day it is tomorrow? Indade, it is Thursday, March siventeenth, St. Patrick's Day—the High Hibernian holiday. And do ye notice—the whole worrld is a-turnin' green, a fittin' act, for the occasion. It is well-worth harpin' on—so pay ye heed.

### Great Day For The Irish

'Twill be a grand day it is for all the Irish—native, naturalized, adopted and transplanted Ould Sodders. And what better place to be celebratin' the birthday of the Celtic saint than this little bit of the Emerald Isle—O'Kridge? And don't it be a blessin' that we do be located in that transmogrified bit of Erin—Tenn O'See?

The O's and the Mc's will be in their glory tomorrow—and even them far-down Mac's that do be all or part Scotch who are switchin' to the Irish for the occasion. Green h a b e r d a s h e r y will be a-sported by all the min—green blouses and skirts by the colleens.

### All Good, Clean Fun

Aven a few o' the more unscrupulous citizens will be a-takin' advantage of the Great Day by bleachin' four-leaf clovers and palmin' thim off as shamrocks to green country lads—but 'twill all be in good, clean fun, they says, and minny a good laugh they'll be havin' in the marnin'.

So let there be dancin' in th' streets—and see that there do be plenty of biled corned beef and cabbage on the family table Thursday night to top off the beeyoutiful day.

### Green-Paint Ceremony Set

Oh yes—before it is forgottin'—the Elves, Gnomes, Leprechauns and the Little Men's Chowder and Marchin' Society will hold the traditional green-paint ceremony in Jackson Square at sivin Thursday night—and bring your own brush.

**Remember—Only you can  
PREVENT FOREST FIRES!**



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

James H. McCulley, Field Maintenance; Raymond D. Ball, B Mechanical Operations; C. H. Chandler, Chemical; Albert V. Bible, Stores; D. C. Reed, T. C. Long and Everett E. Ramsey, Buildings and Grounds; Charles E. Smith, E Mechanical Operations; Emmett L. Moore, Fire Prevention and Control; R. E. Lively, General Machine Shop; Ruth J. West, Material Control; Polie Garrison, Guard; Maude Duncan, Laundry; Robert H. Glover, A Mechanical Operations; C. B. Newman, Maintenance Division.

## Radiation Injuries Will Be Described

A lecture on "Radiation Injuries to Man" by Dr. A. C. Upton, of the Oak Ridge National Laboratory, will feature the meeting of the Oak Ridge Chapter of the

Professional Group on Nuclear Science of the Institute of Radio Engineers at 7:30 o'clock tonight, Wednesday, March 16. The meeting will be held in the Oak Ridge Institute of Nuclear Studies building on Administration Road and all Y-12ers who are members of the group or interested in the subject are invited to attend.

Dr. Upton, a medical doctor who is in the Pathology-Physiology Section of the Biology Division of ORNL, will describe effects of early injuries suffered through radiation as well as those of delayed injuries. The effects of massive doses of radiation such as sustained in an atomic bomb blast also will be discussed as will those of chronic exposure.

Dr. Upton is a graduate of the University of Michigan, in the class of 1946.

Administration Road and all Y-12ers who are members of the group or interested in the subject are invited to attend.



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Administration Road and all Y-12ers who are members of the group or interested in the subject are invited to attend.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

Raymond E. Wilkerson, Beta Four Maintenance, March 17.

Troy E. Hightower, E Mechanical Operations, March 20.

K. E. Caughron, General Utilities, March 21.

Grover C. Lay, B Mechanical Operations, March 22.

Administration Road and all Y-12ers who are members of the group or interested in the subject are invited to attend.

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GEORGE MORROW, ADP DEVELOPMENT, SEATED AT MICROPHONE; and Jack Day, of the same department, standing left, are among nearly 20 Y-12 members of the Oak Ridge Radio Operators Club who took part in the recent Oak Ridge Hobby Fair. The short wave operators, sometimes known as "hams," have proven valuable in communications in cases of emergencies and during the fair about 100 messages were transmitted for fair visitors.

Administration Road and all Y-12ers who are members of the group or interested in the subject are invited to attend.



**THE FLOCK OF Y-12 ROBINS THAT HAS MADE SUCH A SPLENDID** showing in the Southern Appalachian Basketball Tournament is shown above. In rear, from left, are Bonnie Roberts, Shirley Brown, Helen Brown and Nell McGinnis. Kneeling are Ruby O'Kain, Sue Strange, Lois Secrist and Geneva Gearing.

## Robins Win Two, Cards One In Appalachian Tournament

**Y-12 Women Advance To Winner's Finals; Men Meet Mathis Again In Knoxville Event**

Y-12's two varsity basketball teams are putting up strong arguments in the Southern Appalachian Basketball Tournament in Knoxville. The Robins have taken two of the feminine teams in the event to the cleaners while the Cardinals have broken even against a pair of the stronger men's teams in the tournament. The Robins, by whipping the Yale and Towne Lock Co. lassies from Lenoir City by 55-20 and the Gus Green girls of Knoxville 46-21 have advanced to the winner's bracket finals. The Cards trounced the Mathis Chemical Co. 65-58 before bowing to the K-25 Blues in an overtime battle by the score of 51 to 49 to fall to the loser's bracket in the double elimination event. The Cards' next battle is against the same Mathis team.

**Robins Have Easy Sailing**  
The Robins had easy sailing in

the Lenoir City game. After getting away to a 15 to 3 lead in the first period the Y-12 girls had everything their own way. Sue Strange led the scoring parade with 18 points but Nell McGinnis with 13, Ruby O'Kain with 13 and Helen Brown with 10 also contributed to the romp. It was Ruby O'Kain and Helen Brown with 14 points each and Nell McGinnis with 11 that led the Robins to the win over Gus Green. Again the Robins broke in front with a 10-1 lead at the first stop period and just kept flying high.

The Cardinals played two of their best games of the year in their pair of appearances. Don Wood turned on the heat against Mathis with a blistering 33 points as his mates broke away in the second half to build the slim 32-30 lead to the final 65-58 margin. Lew Fitzgerald had 15 and Ralph Taylor 10 tallies. Joe Eldridge, an old University of Tennessee luminary, and Bill Myers did practically all the Mathis scoring, each posting 25 points. However, their mates couldn't help them out.

**Cardinal Freeze Attempt Fails**

The Cards have almost, but not quite, beaten the K-25 Blues a couple of times during the regular season—but never came as close as they did last Thursday night. The Blues blasted out a 15 to 9 lead in the first period but a spirited Y-12 drive gave the Cards a 27 to 23 half-time margin. This advantage was built up to 39-32 at the three-quarter pole. As the regular playing period neared an end, the Cardinals attempted a freeze, but unsuccessfully, as the Blues broke up some long passing to get the ball long enough to tie it up at 44-all when the game ended. In the overtime the Cards lost their poise and made some mistakes that were immediately capitalized on by the Blues to amass the slim edge of victory. Wood again led the Y-12 scoring with 17 points and Palo O'Neal bagged 12. Fitzgerald and Taylor had eight each. Snow, K-25's speedy forward, was high point man of the game with 22.



**THE Y-12 CARDINAL BASKETBALL SQUAD, SHOWN ABOVE, SET A** good overall season's record and forced the K-25 Blues to an overtime period before losing their first game in the Southern Appalachian Basketball Tournament. From left are Walt Lovell, Ralph Taylor, Palo O'Neal, Manager and Coach Charley Knowles, Don Wood, Lewis Fitzgerald and Dan Stroud. Squad members absent when picture was made were Fred Hardin and Gary Coleman.

## Y-12 Has 15 Men's, Two Women's Teams In All-Carbide Pin Party At Oak Terrace

A total of 50 men's bowling teams from the three Carbide plants in Oak Ridge will vie for honors in the annual All-Carbide Bowling Tournament scheduled for March 26-27 and April 2-3 on the Oak Terrace Alleys. On the feminine side, seven women's teams will compete against each other in the tournament.

Of this number, 15 Y-12 men's teams and a pair of feminine outfits have entered the event. K-25 will send 30 men's teams and four women's teams to the lines while the Oak Ridge Laboratory will have five men's teams and one collection of keglerettes in the competition.

Replacing the annual Y-12 bowling tournament, the scores posted by Y-12 teams and individuals in the All-Carbide event will be used as a basis to determine the Y-12 Plant championships.

Team competition will be held during the first two days of the tournament, with singles and doubles to be decided on the closing days of the competition.

Recreation supervisors of Y-12 and K-25 and the Oak Ridge National Laboratory are co-directors of the tournament and they compiled the schedule for the bowlers. All possible preferences were given to bowlers on shift schedule.

## Y-12 SPORTS

### Y-12 Keglerettes Take Four Points

Although they took four points from the Norris Creamery keglerettes last Thursday night, the Y-12 feminine bowling aggregation remained in a tie for first place in the Oak Ridge Women's City Bowling League with the Bailey Motors lassies, who also won a whitewash victory. In posting their victory, the Y-12ers last week had the high team series score of the night as they put together games of 803, 755 and 789 for a total pinfall of 2347. Norris had 701, 738, 722—2161.

Capt. Mavis Koons led the Y-12 team to its triumph with a fine 505 series, composed of games of 169, 174, 162. Dean Uffleman, a substitute on the team, was next with 197, 130, 162—489. Then came Betty Whitehorn 165, 181, 140—486; Juanita Reed 163, 142, 153—458; and Doris Walton 109, 128, 172—409.



## Rampaging Rippers Romp To Loop Lead

The Rippers went on a rampage in the B League of plant keglers last Thursday night to sweep a four-point whitewash win over the Wolves and vault into first place over the Bumpers, who dropped three to the All Stars and fell to a tie for second place. Other matches saw the Cubs claw the Tigers, the Wasps sting Bldg. 9211 and the Has Beens bounce ADP, all by four points; and the Swingsters stop the Rebels by three.

In their drive to the top, the Rippers also swept the boards for all team scoring honors with 934, 1061, 2598 and 2979; although having no individual leaders. The Cubs had most of the individual leaders as Paddy Peckman had top series scores with a 575 scratch and 650 handicap effort. Charley Greene had a 247 handicap game for tops. Frank Gragg's 214 scratch game for the Wolves was best of the night.

League standing follows:

Team	W	L
Rippers	15	5
Bumpers	14	6
Swingsters	14	6
Cubs	12 1/2	7 1/2
Wasps	12	8
ADP	11	9
Has Beens	10	10
All Stars	9	11
Wolves	8 1/2	11 1/2
Rebels	8	12
Tigers	5	15
Bldg. 9211	1	19

## C League Bowling Action Is Light

Action was light in the C League of plant keglers last week with only two matches rolled on the Central Alleys. Two more were to be bowled over the week end. In the alley action the league-leading Hot Wires cooled off somewhat as they only broke even with the C Shift pinmen. The Hornets stung the Screw Balls for three in the other tilt.

Of the four teams in action the Hornets swept the boards in team scoring, having 869, 1033, 2293 and 2869. Members of the Screw Ball team also monopolized the individual scoring. Cubby had a 201 scratch and 239 handicap game. Roy Seivers posted a 470 scratch series and Booher a 586 handicap series.

League standing after play of last Wednesday night follows:

Team	W	L
Hot Wires	29	11
Rusty Five	22	14
Hornets	21 1/2	18 1/2
C Shift	20 1/2	19 1/2
O Balls	17	19
Glass Arms	16	20
Deltas	14	20
Screw Balls	12	28

## Orsorts, Bombers In Series For Title

**Evenly Matched Teams Tied In Both Halves**

The B Bombers of Manager Colleen Shotts and the Orsorts under Pilot Curt Beusman are fighting it out in a two out of three game series for the Y-12 plant basketball championship after as close a regular season race as ever has been put on the books. The Orsorts took a one-game lead in the series by whipping the Bombers last Thursday night by 56 to 46 and the second game was set for Tuesday night of this week at the Jefferson Junior High School gymnasium. An Orsort victory would give them the title.

**Orsorts Defeat Maintenance**

These two evenly matched teams tied for first place in both halves of the season, so decided on the three-game series to settle the business once and for all. That game last Thursday was originally planned to determine the first half championship, but was included in the play-off series.

The Orsorts previously had tied the Bombers for the second half crown by handing Maintenance a 60 to 54 win in a game played over to settle a disputed tilt. In this scrap Chuck Thomas poured 22 points through the hoops for the victors and Bill Burch got 15 as the Orsorts led all the way. Malcolm got 14 and Hamil 10 for Maintenance.

**Winners Get Early Lead**

In licking the Bombers in the first game of the series the Orsorts again got out in front early, although the Bombers played them even in the closing period. The winners led by 12-5 in the first period and held a 27-20 edge at half time. The Orsorts boosted their lead to 10 points with a 43-33 three-quarter score and then just held on.

Manager Beusman led his mates with 20 points and Burch was right behind with 19. Bill Butturini had 15 and Baker 11 for the Bombers.

C Shift defeated the Sunflowers by 37 to 26 in the closing game of the regular season.

League standing at the end of the second half of the season follows:

Team	W	L
Orsorts	7	1
Bombers	7	1
Maintenance	6	2
Owls	5	3
Beta One	5	3
C Shift	3	5
Sunflowers	1	7
D Doodies	1	7
Hot Shots	1	7

## Y-12 Pistoleers Win League Title

The Y-12 team in the Oak Ridge Pistol League took the loop championship last week by trimming the K-25 outfit in both scratch and handicap firing. The scores were 1243 to 1164 in scratch scoring and 1441.647 to 1429.159 handicap.

J. C. Ezell topped the Y-12 pistoleers in both scratch and handicap firing. The five leading scratch scorers were Ezell 271, T. J. Bush 249, W. D. McIntosh 245, T. H. Williams 242 and C. G. Brewster 236. In handicap Ezell posted 290.558, Bush 288.341, Brewster 288.173, J. H. Rowan 287.333 and R. L. Vanderpool 287.242.

Final league standing follows:

Team	W	L
Y-12	19	5
ORNL	18	6
K-25	13	11
AEC	10	14
Independents	0	24

## QUAKE FORMED LAKE

Tennessee's Reelfoot Lake covers 14,500 acres. It was formed by an earthquake and is one of the most beautiful attractions for tourists and sportsmen in the state.

## Conservation Club Plans Outdoor Show

The Oak Ridge Conservation Club will hold its third annual outdoor show on Saturday, March 26, at the Oak Ridge Junior Chamber of Commerce hall on the Oak Ridge Turnpike. The show will open at 1 p.m. and continue until late at night.

The show will be a "Conservation Jamboree," including a matinee and night showing of outdoor films by Ralph Seaman, secretary of the Carling Conservation Club; a sportsman's auction "swapfest," an old-fashioned pie supper and exhibits by local clubs and individuals.

## Betty Whitehorn Posts Good Score

Betty Whitehorn's 483 scratch series, boosted to 604 with handicap, was Y-12's best showing in the Tennessee State Bowling Tournament in Nashville over the past week end. That gave her a tie for third place. The Y-12 team as a whole did not roll up to the high standard they have shown previously in the season and could only post a 2117 scratch and 2620 handicap tally in the event. The top honors in league competition were won by the Oak Ridge National Laboratory lassies, who registered a 2886 handicap score.

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Oak Ridge, Tenn.  
Permit No. 71**Varied Recreational  
Program Is Planned**

Continued from Page 1

the coming season envision a fast-pitch league of from 10 to 12 teams. In past years the Y-12 Plant Softball League competition has been brisk with a high degree of sportsmanship prevailing and offering a large number of employees an opportunity to play the game. In addition, a slow-pitch league of four or more teams is anticipated. This would be the first season for such a circuit, which would provide an opportunity for many more Y-12ers to find an outlet in athletics.

**Summer Bowling Offered**

Bowling, a sport primarily enjoyed during the fall and winter months, may be expanded into a year-around activity under the new recreation program. As many bowlers in the plant participate in the sport during the summer, flexible plans to form leagues of various sizes have been made. For instance the proposed leagues may be formed of teams containing five, four, three or even two players for both men and women kegglers. Mixed competition in bowling also has proven interesting in the past. Formation of such leagues depends on the interest shown—and all bowlers in the plant are asked to register their opinions on the proposals.

As a result of the increased interest shown in golf last season, an even more successful season is expected in 1955. In addition to the popular Y-12 Plant Golf League, which stages its matches at the Oak Ridge Golf and Country Club, additional regional leagues are contemplated for Y-12ers living in the Harriman, Kingston, Rockwood and Knoxville vicinities. The idea of the regional leagues has been well received by golfers living away from Oak Ridge and if sufficient interest is shown, every step possible will be taken by the Recreation Office to form such groups.

**Hope For Tennis League**

It is hoped to form a tennis league in the Y-12 Plant for both men and women players, if enough employees are interested. Otherwise, a ladder competition will be arranged for any number of players desiring to compete.

Horseshoe pitching, sometimes known as "barnyard golf," is a popular pastime with many Y-12ers and the Recreation Office wants to encourage more activity in the sport in the evening hours after work. Six or eight two-man teams are all that would be needed to form a league.

The files of the Recreation Office now are bulging with folders, pamphlets, maps and vacation guides from every state in the United States and also from Canada and parts of Mexico. This information is at the service of any Y-12er contemplating a vacation trip and desiring advance information.

The Y-12 Recreation Office, Room 221, Bldg. 9704-2, telephone 7753, will warmly welcome any further suggestion for additional activities or inquiries on those already announced—a personal visit or telephone call will do the trick.

**Varsity Kegglers Top  
Clinton Bedding Co.**

The Y-12 men's varsity bowling team took the Clinton Bedding Co. kegglers, all Y-12 employees themselves, for three points in an Oak Ridge City League encounter on Monday night, March 7. The win over Clinton, loop leaders, put the Y-12ers in second place and five points out of first with seven weeks to go in the season.

Y-12 took the first two games by 852 to 803 and 891 to 867 before being nosed out by the Clinton pinmen in the finale 941 to 933. Total pinnage was 2676 for Y-12 and 2611 for Clinton. The veteran Frank Gragg led the victors with 170, 219, 182—571; then came Joe Pryson 214, 165, 184—563; Frank Zupan 180, 197, 177—544; Jack Spears 158, 165, 205—528; and Ernie Cobble 130, 145, 185—460.

**Riflemen To Meet  
ORNLers Thursday**

The Y-12 rifle team will fire against the gunmen of the Oak Ridge National Laboratory tomorrow night, Thursday, March 17, after taking a forfeit victory from the Oak Ridge Juniors last week.

In firing for record R. L. Vanderpool led Y-12 in scratch scores with 175 and was followed by W. R. McIntosh 174, W. A. Sahr 172, R. W. Miller 168 and C. G. Brewster 168. Handicap leaders were Eugene Dusina 194.080, Vanderpool 194.063, Sahr 193.884, J. P. Hunt 193.600 and McIntosh 193.226. Others firing for Y-12 were S. E. Adams, H. F. Harris, H. J. Finger and B. L. Powers.

**Francis B. Foley To Talk  
At Meeting Of Metals Group**

Francis B. Foley, of the International Nickle Co., will speak at a meeting of the Oak Ridge Chapter of the American Society for Metals at 8 o'clock tonight, Wednesday, March 16. The meeting will be held in the Knights of Columbus hall, Oak Ridge, and all Y-12ers and others interested are invited to attend.

Foley's topic will be "Modes of Failure of Metals at High Temperatures." The meeting should be of particular interest to design engineers and persons engaged in metal fabrication, since the behavior of structural members and moving parts at high temperatures is largely determined by the stress system under which the metal is subjected.

**Meetings Set March 18, 22  
By Physics Seminar Group**

Meetings of the Oak Ridge Physics Seminar have been set for Friday, March 18, and also on next Tuesday, March 22.

The meeting on Friday will be at 4:15 p.m. in Room 18 of the Oak Ridge Institute of Nuclear Studies building on Administration Road. Dr. J. A. Harvey, of the Brookhaven National Laboratory, will speak on "Neutron Spectroscopy with the Brookhaven Fast Chop-

**Most Of \$111,427,000 Spent By UCC For Construction In 1954  
Went To Chemicals And Plastics Groups; New CCC Plants Cited**

For the fourth consecutive year, Union Carbide and Carbon Corporation in 1954 spent more than \$100,000,000 on new construction, according to the Corporation's annual report which was mailed to stockholders recently. The 1954 expenditure of \$111,427,000 brings the Corporation's gross plant investment to more than \$1¼ billion.

A total of \$968,000,000 has been spent on construction during the past 10 years, the report indicated. More than half of this was for facilities for the production of chemicals and plastics. About 28 per cent was for alloys and metals; 11 per cent for industrial gases and carbide; and seven per cent for carbon products.

**Sales Rose In Final Quarter**

As previously reported, the Corporation's sales in 1954 amounted to \$923,693,379, as compared with \$1,025,833,041 in 1953. Net income was \$89,779,271 or \$3.10 a share. This compared with net income

of \$102,783,442, or \$3.55 a share, in 1953. The reduction in net income was attributed to a decline in the sale of products closely related to the steel industry, which was reversed during the final quarter of the year, and higher charges for depreciation and amortization on new production facilities.

Since 1950, Union Carbide has been expanding certain of its production facilities under United States Government Certificates of Necessity. These certificates cover about \$288,000,000 of the total cost of facilities constructed or to be constructed by the Corporation.

**Large Expansion in Chemicals**

The major expenditures for additions to property in 1954 was in the Chemicals and Plastics Groups. A new plant at Seadrift, Tex., will substantially increase capacity for production of chemicals and polyethylene plastic. A similar plant is under construction at Torrance, Cal. Other major

construction projects also under way include a large plant at Ash-tabula, Ohio, for the production of titanium metal, and a new plant at Long Reach, W. Va., for the production of silicones. Construction expenditures during 1955 are expected to be at approximately the same level as those for 1954.

The research laboratories of Union Carbide have been averaging one new product a month for the past 25 years. The importance of these new products is illustrated by the fact that, in 1954, products made available since 1939 accounted for 28 per cent of all sales, and contributed 42 per cent of the Corporation's net income.

**Billion Paid In Dividends**

It was pointed out in the report that the September 1 dividend last year marked the payment of more than one billion dollars to stockholders since the formation of the Corporation in 1917. This represented more than 60 per cent of the net income of Union Carbide during its 37 years of existence.

**Rides Wanted, Offered**

**Ride Wanted**—From Arlington section, North Knoxville, straight day. George Johnstone, plant telephone 7-8509, home telephone 4-4022, Knoxville.

**Ride Or Riders Wanted Or Will Join Car Pool**—From Whittle Springs section, North Knoxville, straight day. C. H. Oaks, home telephone 5-7647, Knoxville.

**Ride Wanted**—To West Tennessee, Friday or Saturday, to vicinity of Camden, Huntingdon, Paris, or Clarksville. H. Ross, plant telephone 7639 or 7113, home telephone 5-3189, Oak Ridge.

**Two Car Pool Members Wanted**—From Woodland section, Oak Ridge, to Central Parking Lot, straight day. Bill Rose, plant telephone 7746, home telephone 5-3323, Oak Ridge.

**Two Riders Wanted**—From Concord or Farragut to East Portal, straight day. George Winn, plant telephone 7463, home telephone 8-2697, Knoxville.

**Two Riders Wanted**—From Burlington section, Knoxville, to West Portal, R Shift. W. E. Cagle, plant telephone 7904, home telephone 5-0871, Knoxville.

**Ride Wanted**—From LaFollette to East Portal, straight day. L. R. Kirkland, plant telephone 7764, home telephone 5-2846, Oak Ridge.

**Riders Wanted**—From Lenoir City to Bear Creek Portal, straight day. Harold Laudermilk, plant telephone 7417, home telephone 838-J, Lenoir City.

**Two Persons Want To Join Car Pool**—From LaFollette, B Shift. Roy Mullins, plant telephone 7076, home telephone 163-W20R, LaFollette.

**Riders Wanted**—From Lonsdale section, at Huskey's Grill at Knoxville city limits, C Shift. W. W. Irwin, plant telephone 7-8402.

**Ride Wanted Or Will Join Car Pool**—From Fountain City to Bear Creek Portal, A Shift. George Marcus, plant telephone 7-8251, home telephone 6-5420, Knoxville.

**Ride Wanted**—From Powell on Clinton Highway, to East Portal, straight day. Dorothy Parker, plant telephone 7-8347, home telephone 4-2156, Powell.

**Ride Wanted**—From Western Ave. vicinity, Knoxville, to Bear Creek Portal, D Shift. T. E. Roberts, plant telephone 7-8251, home telephone 5-9051, Knoxville.

per." On next Tuesday the group will meet at 10:15 a.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory, to hear Dr. K. W. Allen, of the University of Liverpool speak on "H<sup>3</sup> and He<sup>3</sup> Induced Reactions."

**UCC Benefit Plans  
Offer Full Program**

Continued from Page 1

adds as much as 30 per cent to the savings of the employee and helps make those major purchases. The Savings Plan also provides a cushion of security and pays benefits in peace of mind.

**Disability Benefits Are Paid**

If a Carbide employee requires an operation—or is injured in an accident—or otherwise temporarily disabled—the Carbide Hospitalization and Surgical Plan helps pay the hospital expenses. Likewise the Carbide Group Insurance Plan provides income after the first three days of hospital confinement for employees enrolled in this plan. If the disability should become total and permanent, benefits are paid from the Group Life Insurance and, if the employee has 15 or more years of Company Service Credit, also from the Pension Plan.

The Retirement Plan and the Pension Plan, and even the Personal Savings Account feature of the Savings Plan, provides Y-12ers an opportunity to provide for the years after retirement. Through the Savings Plan, a Personal Savings Account will provide a nest egg of Union Carbide stock, United States Government Savings Bonds, or cash. A combination of all of these will provide a steady income for life.

**Families Also Are Covered**

The Hospitalization and Surgical Plan also pays hospital expenses for members of employees' families if they are injured or sick. The life insurance benefits of the Group Insurance Plan protects the family if the employee dies either before or after retirement. There also are provisions of the Retirement Plan designed to protect families in case of death or after retirement of the breadwinner. A beneficiary also can be named for the cash and securities held under the Savings Plan.

The cost of the Group Insurance Plan and the Hospitalization and Surgical Plan is shared equally by participating Y-12ers and the Company. The Company pays about 80 per cent of the benefits of retired employees under the Retirement Plan. In addition, the Company adds up to 30 per cent of the amount put into the Savings Plan by Y-12ers.

The Company pays all the cost of the Pension Plan, under which Y-12ers are automatically covered. Participation in all of the other plans is voluntary—Y-12ers may sign up for them as soon as they become eligible.

When the program was drawn



Continued from Page 2

ably looking over the cotton crop for the season.

Electrical Engineering sent good wishes along with A. H. Cortner who is leaving to return to his studies at the University of Tennessee. Get-well wishes go to M. W. Yates, who continues ill.

**ALLOY**

The GHQ of the Alloy Division reports Archie Peters vacationed at home in Wartburg and W. E. Thomas did likewise in Sweetwater and Paul Tinnel was similarly occupied at Lenoir City.

Alpha Five has E. W. Murray vacationing at home in Clinton with a side trip to Athens to see his brother and do a little family fishing. Mabel Tyer and Katie Williams, of SF Accountability, were shopping in Chattanooga on a recent week end and dropped in to see Jesse Herndon, former Chemical Division Superintendent of Y-12 now living in the Lookout city. Dave Volz is receiving congratulations on the seven recent additions to his family—it says so right there—they are cute boxer puppies.

Carl Frazier, of Beta Four Operations and an outdoor sportsman of note, invited Y-12ers with similar interests to join the Anderson County Sportsmen's Club—it already has about 275 Y-12 members. Call Frazier at 7-8251. A. W. Maxey is enthusiastic over the water skiing school he is planning at his boat dock on the Alcoa Highway, four miles out from Knoxville—slogan for the course, "let's all get dunked."

up, all kinds of possibilities were taken into account to make the program as flexible as possible. The various Plans can be fitted into the individual needs and desires of Y-12 employees according to their own way of life.

Y-12ers are urged to take another look at the booklets describing the various Plans. All employees already have been given copies of the booklets, or will be given one for each Plan as soon as they are eligible. It will be discovered that the features of each Plan offers all Carbide employees important protections or benefits. Together they offer a well-rounded "package" to help meet the present and the future with confidence.

Patient—"Will I know anything when I come out of the ether?"

Nurse—"Well, that's expecting an awful lot from an anesthetic."