



**FIRST AND SECOND PRIZES** in the January safety poster contest being conducted by the Safety Department are shown above. The first prize at left is a Westinghouse two-way table radio with ivory finish. It has a standard broadcast band plus Conelrad frequencies, a built-in high-gain loop antenna and a four-inch magna-power speaker. The second prize at right is a 72-inch by 90-inch Chatham blanket of turquoise blue color. It is made of a rayon and acrilan blend with 100 per cent acetate duraloom binding and guaranteed against moth damage. For details of contest and future prizes, see story at right.

# Safety Poster Contest Is Planned For UCNC Employees To Promote Accident Prevention

## Monthly Competitions On Program Are Set

Here's a chance for all Y-12ers—and members of their families to help promote and support the accident prevention campaign in the plant. It is a poster contest announced by the Safety Department—with valuable prizes awarded winners in monthly competitions.

### Sketches, Cartoons Wanted

The contests will be for the best cartoon or sketch submitted each month to convey the idea behind the safety subject for that month. The title or any other wording on the sketch shall not

consist of more than 10 words. Entries shall be submitted on eight and one-half inch by 11-inch paper, with the name of the entrant, badge number and address clearly placed at the top of the page. If the entrant is a member of an employee's family, the name and relationship of the entrant to the employee should be shown. This information preferably should be printed or typed.

All Y-12 and Oak Ridge National Laboratory employees assigned to work in the Y-12 Plant area and members of their families are eligible to compete in the poster contest—with the exception of members of the Safety

## Fine Prizes Will Go To Winners In Event

Department and their families. **Deadlines Are Set**

There is no limitation as to the number of entries that may be submitted for each of the monthly contests. All entries must be submitted to the Y-12 Safety Department office, Bldg. 9704-2, not later than 8 a.m. on the last working day of the third month prior to the poster's use. Entries mailed in must be postmarked not later than midnight on the day previous to the last working day of the third month before the poster is to be used.

This means that entries for the first month of the contest—January, 1961, when "Falls—Both Levels" will be the safety subject for the month—must be brought to the Safety Department not later than 8 a.m. on Monday, October 31, or be postmarked not later than midnight, October 30.

All entries will become the property of the Y-12 Safety Department and none can be returned to contestants. The Y-12 Safety Department staff will be the sole judges of the monthly contests and their decisions will be final. Judging will be based on originality and adaptability of the sketch or cartoon to the safety subject of the month and not necessarily on the artistic ability of the entrant.

### Must Pertain To Subject

Only entries pertaining to the safety subject of the contest month will be considered during any one month. For instance, only entries pertaining to the January subject will be considered in judging on October 31. The Safety Department reserves the right to modify the sketches or wording of winning sketches before they are used.

The safety subject for each month and prizes to be awarded are announced at the end of this story. They will be repeated monthly in The Bulletin prior to each contest.

No one person may win more than one prize during the 12 months of the contests.

### Subjects And Prizes Listed

The list of safety subjects for **Continued on Page 4**



# THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY  
DIVISION OF UNION CARBIDE CORPORATION

VOL. 14 — NO. 40

OAK RIDGE, TENNESSEE

Wednesday, October 5, 1960

## Hourly Y-12ers Get New Hospital Coverage

### Nationwide Mutual Co. Gives Same Benefits

The Nationwide Mutual Insurance Co., with headquarters in Columbus, Ohio, is the new insurer for the Union Carbide Nuclear Company Hospitalization and Surgical Plan for all hourly paid Y-12 employees. The change became effective last Saturday, October 1.

Benefits provided by the Nationwide Mutual Insurance Co. are the same as those previously provided by the Travelers Insurance Co., except that the hospital daily room and board allowance has been increased from \$8 to \$9.

The cost of the new Plan will be \$12.28 for employee and family coverage and \$3.22 for coverage for an employee only. The Company pays half of the premium cost.

All hourly paid Y-12ers who were covered by the Travelers Insurance Co. on September 30 will have their coverage continued by the Nationwide firm, provided they sign new enrollment cards.

The new enrollment cards now are being distributed to hourly paid Y-12 employees through divisional channels. All Y-12ers wishing to enroll for the new Nationwide coverage are urged to do so as soon as possible. Any employees who are not presently covered by the UCNC Hospitalization and Surgical Plan and who wish such coverage may enroll now. Enrollment cards for these employees have been provided for this purpose.

New booklets describing the Nationwide coverage now are being prepared and will be distributed as soon as possible to hourly paid Y-12ers enrolled in the UCNC Hospitalization and Surgical Plan.

## Experiments At Harwell Subject At Seminar Meeting

"Experiments With The Harwell Electron Accelerator" will be discussed at a seminar meeting of the Oak Ridge National Laboratory Physics Division on Friday of this week, October 7. The meeting will be at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL. The speaker will be F. W. K. Firk, of the British Atomic Energy Research Establishment at Harwell, England. Y-12ers interested in the subject are invited to attend the meeting.



**ANOTHER WELL-KNOWN Y-12ER RECEIVES A "\$1 LETTER"** from Union Carbide Nuclear Company for having assigned a patent to the United States government. Dr. John M. Googin, Jr., Chemical Development, center in striped shirt, receives the "\$1 Letter" from Y-12 Plant Superintendent John P. Murray, at Googin's left. Development Division Superintendent W. K. Whitson, Jr., is at left and Technical Division Superintendent Roger Hibbs is at right.

## Dr. John J. Googin Receives '\$1 Letter' For Assigning Process Patent To U. S.

### Award Given For Developing Preparation Of Uranium Oxide For Nuclear Reactor Fuel

Dr. John M. Googin, Jr., senior chemist in the Chemical Development Department, has been added to the growing list of Y-12ers who have received "\$1 Letters" from Union Carbide Nuclear Company for the assignment of a patent to the United States Government. Googin received his award Monday, September 26, from John P. Murray, Y-12 Plant Superintendent. The presentation was made in Superintendent Murray's office.

### Letter From Clark Center

The patent awarded Googin is entitled "Preparation of UO<sub>2</sub> for Nuclear Reactor Fuel Pellet." The award letter came from Clark E. Center, UCNC vice president, and read:

"Union Carbide Nuclear Company, Union Carbide Corporation, takes pleasure in presenting the attached (\$1 bill).

"This is the \$1 stipulated in the patent assignment to the United States of America executed by you in connection with the filing of a patent application on your Oak Ridge development entitled "Preparation of UO<sub>2</sub> for Nuclear Reactor Fuel Pellet."

### More Suitable For Reactor

Googin describes the development as the designing of a special grade of uranium oxide, a ceramic form substance for use as a fuel element in reactors. He explains that the new form of metal will press and center accurately, making it more suitable for reactor use.

He is no novice in the field of developments in the Y-12 Plant.

**Continued on Page 4**

## Y-12ers Urged To Seek Patents On New Ideas

### Many UCNC Employees Submit Developments

With the several patents being reported by Y-12ers the Company Patent Office advises that many patentable ideas go unreported. Their sure "rule of thumb" is "when in doubt file a patent application."

Employees of the three Union Carbide Nuclear plants in Oak Ridge and one in Paducah have filed 3,406 possible inventions since 1943. The Patent Department has evaluated all of these and prepared invention disclosures on 1,381 of them. To date, the Atomic Energy Commission has made a decision on 1,284 of these inventions and has authorized the filing of 268 patent applications. This does not mean that but 268 of the developments only were patentable, but rather that the AEC considers such factors as importance to the project and potential importance to the industry.

### No Simple Test

There is no simple test to determine whether something is patentable or not. To be eligible for a patent, a development must be both new and useful. In addition, it must not be obvious. Whether or not a certain development would have been obvious is, of course, a matter of judgment. This is why the term "patentable invention" cannot be neatly defined.

The following questions might be applied to a development to determine if a patent application should be made. Have others tried to solve this problem and failed? Has a vendor expressed interest in adopting the solution? Has someone suggested that the solution would not work? Was there doubt concerning the outcome before tests were made? Do others doubt the development works as well as it does? Why haven't others tried to solve this problem in the same way? What was the closest previous approach to solving this problem? Has there been a long-standing need for this development?

### 15 Developments Cited

To be patentable, a development must involve a process, composition or apparatus. Following is a list of 15 developments by UCNC employees in Oak Ridge and Paducah reported to the Patent Department. The department evaluated each development and concluded that each had patent possibilities. An

**Continued on Page 4**

## Y-12 Plant Tops Last Year's Total For Chest-Cross

Early reports on the progress of the Union Carbide Nuclear Company Central Fund campaign for the Community Chest-Red Cross last week indicated that Y-12ers already had increased their gifts over last year's total to support the 13 health, welfare and service agencies benefiting from the drive. A considerable number of Y-12ers had increased their payroll deduction amounts contributed to the Central Fund and others were making substantial cash gifts to the campaign.

Y-12 Campaign Chairman J. W. Ebert, Superintendent of Maintenance Division, expects the drive in the plant will be sufficiently completed by the end of this week so that a comprehensive progress report can be given. The chairman expressed confidence that the final figures would reveal that Y-12 support of the humanitarian projects would be even more than before.

At least partial reports have been received from all divisions.

## ACS Section To Hear Talk By Hercules Powder Man

"Putting Information to Work" will be the subject of Dr. Herman Skolnik, of the Hercules Powder Co. Research Center, when he speaks to the East Tennessee Section of the American Chemical Society next Tuesday night, October 11. The group will have dinner at the Holiday Inn, Oak Ridge at 6:15 o'clock and then go to the Robertsville Junior High School cafeteria for Dr. Skolnik's talk at 8 o'clock.

The speaker is director of the technical information division of the Hercules Co. Research Center, Wilmington, Del. In his talk he will describe methods of collecting, selecting and transplanting scientific information and converting it into scientific knowledge.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated 297 Days Or 9,769,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through October 2 Phone 7755 For Daily Report On Accident-Free Hours

6-10286

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
**UNION CARBIDE  
NUCLEAR COMPANY**  
Division Of  
**UNION CARBIDE CORPORATION**

GEORGE W. DOBBS Editor

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## Big 'Spot Bid Sale' Set For October 18

### Construction Machines, U.S. Vehicles Offered

An exceptionally large "spot bid sale" of used government-owned motor vehicles and construction equipment has been scheduled by the Union Carbide Nuclear Company Property Sales Department for Tuesday, October 18. The sale will be held at UCNC Warehouse O101-2 on River Road, Oak Ridge, near the old Elza Gate.

#### Items For Sale Listed

On sale will be one Kenilworth truck tractor, two Caterpillar D6 and one TD24 crawler bulldozers, six GMC, two International and two Fitzjohn buses; seven forklift trucks, one Diamond T gas truck, one FWD line truck with auger, two Oshkosh trucks with cab and chassis, two Reo, two Ford and one International truck without beds, one International truck with cab, two Reo and one International stake body trucks, one International tandem truck, one Federal and two GMC dump trucks, one MGC and one International van, two Chevrolet utility trucks, two Chevrolet panel trucks, four Ford, two Chevrolet and six Dodge pickup trucks, one Chevrolet carryall, two Ford sedans, one lot used automobile parts, one lot automobile and truck wheels and other miscellaneous lots.

#### Inspection Dates Set

Inspection of the articles to be sold may be made from 8 a.m. to 4 p.m., through Saturday of this week, October 8, also from October 10 through October 14 and on October 17 and 18 until the bids are closed on each lot.

Analysis of bids and award will commence promptly at 10 a.m. on October 18. It is estimated that invoices and bookkeeping will be completed so that successful bidders may start claiming their property at 2 p.m. After that time invoices may be paid, titles obtained and property removed.

No deposit is required with a bid and purchased property will be delivered on payment in full by cash, money order, cashier's check or certified personal check payable to UCNC. Successful bidders will be allowed until 8 a.m. November 1 to pay for items awarded to them. Any awards not paid for by that time will be cancelled.



Ride wanted from vicinity of Karns High School to Central Portal, A Shift. Hallie Wade, plant phone 7044, home phone Knoxville 8-3119.

Ride wanted from Georgia Ave., West Outer Dr., Florida Ave. section to North or Central Portal, straight day. R. G. Mansfield, plant phone 7237, home phone Oak Ridge 5-4220.

Ride wanted from West Kings-

## Y-12 Plant Combed For Flame Hazards

### Fire Prevention Week Observed By Employees

Eager to maintain the superlative fire prevention and safety record in the Y-12 Plant on its year-around basis, Y-12ers throughout the premises are busy this week checking up on fire and accident hazards in connection with the observance of Fire Prevention Week. Every nook and cranny inside and outside of all Y-12 Plant buildings are being probed to unearth any possible dangerous conditions and keep the plant a safe and clean place in which to work.

#### How To Report Fires

Going hand-in-hand with the seeking out and eliminating fire and accident hazards is the stressing to all Y-12ers on steps to take in reporting fires and the location of fire extinguishers and other fire fighting equipment in their work areas.

After preliminary discussions in departmental and divisional safety meetings during the past two weeks, the Fire Prevention Week campaign got underway in earnest this week. Divisional coordinators of both the Y-12 Plant and Oak Ridge National Laboratory units stationed in the Y-12 Plant Area were briefed by Fire Dept. Capt. W. R. McGill last week on how to extend the campaign to all UCNC employees.

#### Work Areas Checked

Close checks of every working area in the plant through inspections have been and are being made on possible hazardous conditions and what steps or recommendations are made to eliminate them. Removal of trash and rubbish is another housecleaning project urged in the campaign.

Accumulations of trash and rubbish will be picked by Maintenance Division crews by placing a call to plant phone 7972.

By the end of this week Fire Prevention Week observance is expected to have resulted in the objective of Y-12 Plant Superintendent John P. Murray's proclamation that "all employees should realize their responsibilities and practice fire prevention not only during the 1960 Fire Prevention Week but throughout the entire year."

ton to Central or North Portal, straight day. J. L. Crowley, plant phone 7-8586, home phone Kingston FR 6-6420.

Ride wanted from 321 Jefferson Ave., Oak Ridge, to East Portal, straight day. Blanche Miller, plant phone 7-8445.

Rides wanted by three persons, all in vicinity Tacoma Road, Tennessee Ave. and Farragut Road, Oak Ridge, to Bear Creek Portal, straight day. Jackie Hicks, plant phone 7-8846, home phone Oak Ridge 2-1427.

Ride wanted from Holcombe Subdivision, Oak Ridge Highway, to Bear Creek Portal, straight day. Jim Crone, plant phone 7539, home phone Oak Ridge 5-3224.

Ride wanted or will join car pool from vicinity Chesterfield Drive, West Hills, Knox County, to Central Portal, straight day. Emily Price, plant phone 7-8663, home phone Knoxville 8-6780.

Ride wanted from vicinity Glenwood Ave. and Broadway, Knoxville, to West Portal, straight day. C. E. Mills, plant phone 7-8295, home phone Knoxville 5-9028.

Car pool members wanted from vicinity Whittle Springs and Washington Pike, Knox County, to North Portal, straight day. Earl Fritts, plant phone 7993, home phone Knoxville 5-3452.

#### HOUSTON ONE OF EIGHT

Sam Houston, the transplanted Tennessean who became the first president of the Republic of Texas, came from a big family. He had eight brothers.



DIVISIONAL COORDINATORS FROM Y-12 AND OAK RIDGE NATIONAL LABORATORY talk over plans for Fire Prevention Week at a meeting last week. Standing from left are J. R. Robinette, Y-12; F. M. Tench, Y-12; T. H. Barton, Y-12; W. A. Pfeiler, Y-12; W. R. McGill, Y-12; W. O. Chandler, ORNL; and W. G. Butturini, Y-12. Seated are W. A. Niles, Y-12; Jon Hamilton, ORNL; H. F. Henderson, ORNL; Woodrow Carey, ORNL; H. T. Greene, Y-12; Howard Hicks, ORNL; Clyde Moore, ORNL; Bob Helton, ORNL; Harvey Keese, Sr., ORNL; and T. A. Gardner, Y-12. Absent when picture was made were N. J. Tronolone, Y-12; J. F. Winsett, ORNL; Dave McElroy, ORNL; and W. C. Tunnell, ORNL.



Seein' as how this edition of The Bulletin is being made up with a shoehorn—to squeeze a lot of type into the few columns of available space, the Colyum Conductor is curtailing his usually voluminous introduction to just—here 'tis—

#### ENGINEERING

Mechanical Engineering rolled out its Grade A welcome mat last week for newcomer Bill Blount, from Danville (Va.) Institute . . . "Wimpy" Hilton celebrated his 39th birthday—again—must be a little Jack Benny blood in the family . . . The Beta Four branch welcomed W. P. Schnatter, transferred from Mechanical Operations . . . Bob Johnson had plans to go fishing last week, but the weatherman had the final decision . . . Ben Hammer's folks now are a two-car family. His latest purchase was a 1950 model that was a maroon and yellow brindle job, but a new coat of paint has the crate looking real pert and may hold it together . . . After paying off wagers on the UT-Auburn game, Duward Chastine has that chastened look around the office.

#### FINANCE AND MATERIALS

Dividing time between Oak Ridge and North Carolina while vacationing is Noah Ensor, Property . . . Beaming Beverly Domer was welcomed back last week after several days illness.

An Oak Ridge vacation is being enjoyed this week by Helen Cunningham, Plant Records.

Among the baseball fans taking the opportunity of doing the next best thing to being a live spectator at the World Series is Clyde Clower, Engineering Services, who is watching the proceedings over TV.

The Mail Room has Effie Lou Cagley vacationing in New Jersey.

Engineering Records folks were treated to a hamburger fry at the home of Evelyn Crouse during the past week end.

#### TECHNICAL

Warned in advance and girded for vacation action is D. R. Allison, Radiation Safety. He says his spouse is going to put him to work painting the house.

#### MECHANICAL OPERATIONS

What's this about W. H. Bonney and Leo Tilley, Beta Four Heavy Machine Shop, going into the laundry business? . . . The Shoppers last week warmly welcomed newcomers W. O. Peterson and Vernon Smith . . . Lloyd Stokes is all a-twitter—his young bundle of joy has TWO TEETH

## Cast Of 'Our Town' Will Offer Y-12er, Family Members

Jim Henry, of the Y-12 Production Analysis Department, and his wife, Audrey, will be heard as members of a choir in the Oak Ridge Community Playhouse opening production of "Our Town" set for the coming two week ends. The play is Thornton Wilder's comedy-drama of life in a small New England town at the beginning of the century.

The choir in the play represents the Grover's Corner Congregational Church. The singers all are members of the Oak Ridge St. Stephen's Episcopal Church choir.

In addition to the Henrys, there is one son and two wives of Y-12ers in the cast of "Our Town." They are Harwell Smith, Jr., whose father is with Production Inspection; Mrs. Ruth Sheller, wife of Otto Sheller, Chemical Engineering Development; and Mrs. Muriel de Forest, wife of James de Forest, General Machine Shop.

"Our Town" will be presented at the Playhouse, Jackson Square, on Thursday, Friday and Saturday of this week, October 6, 7 and 8; and again on Friday and Saturday of next week, October 14 and 15. Curtain time is 8:20 p.m.

studies at the University of Tennessee . . . Get well wishes are extended to the wife of Jim Cole—she is recovering from recent surgery . . . Newcomer Laird Dickerson was warmly welcomed to the congregation last week . . . The Jack Thomsons spent a few days recently at Waynesville, N. C., playing golf . . . Recent vacationers were Ray Fletcher at home and Carolyn Sharpe, who spent some time in Gatlinburg . . . The Ernest Kennedys journeyed down to Chattanooga a few days ago to accompany their daughter, who was invited to participate in the Cotton Ball . . . The latest Proud Pop in the neighborhood is Bill Hudson, who became so with the birth of a son, Curtis Charles, on September 14.

The General Machine Shop said "Howdy, Sir" last week to newcomer T. A. Spalding . . . Rapid recovery wishes are extended R. E. Lively, recuperating from eye surgery; D. M. Willey, E. L. Pemberton and V. D. Sherrod . . . Percy LaRue says he will be making lots of holes in South Holston Lake pulling out big bass while vacationing . . . Kirby Duke is going to Alabama to fish and rest . . . N. H. Wise also vowed intentions of romancing some fish . . . Charlie Viar is another ambitious angler hoping to snag some big 'uns . . . So is Russ Hopper, who wants to go to Ken-

Continued on Page 4



TWO STRONG AND BATTLING outfits in the hot race after a few rounds of alley activities—are the C Shift and Hilifers teams of the C League of Y-12 bowlers. At left are the C Shift keglers, bowlers from left being C. M. Bryant, J. C. Booher,



Capt. C. R. Lively, J. E. Morgan and D. B. Williams. At right are the Hilifers, from left are L. C. Watson, Ken Pluhar, Capt. George Reece and E. L. Croley. C Shift was tied for first place at last reports.

# Top Y-12 Bowlers Expected To Enter Ridge Tourney

15th Annual Event Set At Oak Terrace November 12,13,19,20

A considerable number of top bowlers in the Y-12 Plant are expected to enter the 15th annual Oak Ridge Bowling Association Tournament scheduled for November 12-13 and 19-20 at the Oak Terrace alleys. Entry blanks for the event now are available at the Y-12 Recreation Department, Room 149, Bldg. 9704-2, and will be distributed among the four bowling leagues now operating for Y-12ers.

This is a handicap tournament to decide the team, doubles, singles and all events champions for the Oak Ridge Bowling Association for the 1960-1961 season.

**Mixed Events Added**  
An added attraction for this tournament, which has previously been restricted to male bowlers, will be mixed teams and mixed doubles events. An entry in the mixed team event will consist of two men and two women. An entry in the mixed doubles events will consist of one man and one woman.

Trophies will be awarded to individual members of the handicap winners in each event. In addition, the scratch winner of the all events will also receive a trophy and will be declared association champion. The all events handicap champion will be tournament champion. Cash prizes will be awarded for each six entries in the team, doubles and singles events, and one prize for each 10 entries in all events. The entry fee is optional for all events.

Handicaps will be based on the highest average for the 1959-1960 season. All bowlers participating in a sanctioned league or holds a valid card in the WIBC for the current season in the Oak Ridge Associations are eligible for the tournament. The tournament will be sanctioned by both the ABC and WIBC.

**Entry Deadline October 23**

The entry fee will be \$3 per person per event with an optional fee of \$1 for all events. Entries close October 23, 1960. Entry blanks will be available at all bowling establishments and from league secretaries. Entries should be mailed to Ray Walker, tournament director, 101 Glendale Lane, Oak Ridge.

Walker emphasizes that all plant league bowlers are eligible for this tournament. Since all winners will be determined by handicap scores, plant league bowlers have an excellent opportunity to win honors in this annual competition to select association champions.

## First Turkey Shoot Is Set By D Shift

Y-12ers on the D Shift will stage the first turkey shoot of the season on October 8. The event is another function in the recreational program of D Shift and will be held at the grounds of the East Tennessee Riding Club in the Gambill Valley section of Oak Ridge. Firing will begin at 10 a.m. There is no entry fee and everything is free.

Shotguns and rifles both will be permitted in the shoot and hams and turkeys will be awarded high scorers. A special drawing for a door prize of a gasoline stove will be held at 10 a.m. Later in the day another drawing will be held for a tackle box. Winners in both drawings must be present when the drawing is held in order to collect their prizes.

## Rousing Rumpus In C Loop Brings Three-Way Tie

That rousing race in the C League of Y-12 maple maulers reached new highs on Monday night, September 26. When all the timber toppling had ceased, three teams were tied for first place and four whitewash wins of four points had been registered. The two leaders of the previous week ran into trouble and dropped back into the triple deadlock for the loop's top spot. C Shift was roughly tumbled for one of the whitewash wins by the IBMs. The Big Five, previous second place team, rolled to a two-point-each tie with the Hookers and backed into the undecided first place situation. Beta Four became the third team in the triumvirate by blanking the Hilifers.

Two more whitewash triumphs were recorded with the Par Busters blanking the Chillers and the Sunflowers treeing the Alley Cats. The SPs took three from the Ramblers.

Charles R. Lively did his best to keep the C Shifters in the running with a 228 scratch and 244 handicap game and 642 handicap series. D. A. Daws, Sunflowers, had a fine 597 scratch series. The Sunflowers led all the way in team scoring with 966, 1082, 2700 and 3048 across the board.

League standing follows:

Team	W	L
C Shift	15	9
Big Five	15	9
Beta Four	15	9
IBMs	14	10
Ramblers	13	11
SPs	12	12
Par Busters	12	12
Sunflowers	12	12
Hookers	11	13
Alley Cats	10	14
Chillers	10	14
Hilifers	8	16

## Playoff Needed For Lenoir Crown

A playoff 18-hole match for the championship of the Lenoir City Golf League for Y-12 and Oak Ridge National Laboratory performers is needed to determine whether W. R. Hicks and J. P. Cook, second half of the season winners; or W. Collins and L. Watson, first half titlists; will wear the seasonal crown. Both of these teams won their final matches, Hicks-Cook blanking Rutherford-Stinnett for four points and Collins-Watson beating Bowles-Koontz by the same score.

Final league standing for the second half of the season follows:

Team	W	L
Hicks-Cook	38½	13½
Carter-O'Hara	36½	15½
Collins-Watson	33½	18½
Wright-Simmons	33	19
Schultz-Thomas	33	19
Bowles-Koontz	31	31
James-Kinkaid	24	28
Harris-Harris	23½	28½
Thompson-Rogers	23	29
Spradlin-Pluhar	21	31
Beckett-Frank Kennedy	20	32
Arrowood-Wray	18½	33½
Ludlow-Ernest Kennedy	17½	34½
Rutherford-Stinnett	11½	40½



**WHOOOPS—WHAT A WHOPPER** of a walleye pike. This big feller was taken from Norris Lake by one of Y-12's most avid anglers, Capt. Emmett L. Moore, Fire and Guard Department, and now holds a position of honor—stuffed—in Moore's home. The youngster holding the fish is Dillon Moore, one of the Y-12er's sons. The fish is entered in the Y-12 Annual Fishing Contest.

## Toppers Thumped But Hold Loop Lead

The Toppers held on to their Mixed League lead last week despite being thumped for three points by the Alley Cats. A real scrap showed up in the standings for second place after loop alley activities as three teams were tied for the spot. The previous runners-up, the Scrappers, held on to one share of the position although losing three to the Pin Plasters. Then the Cool Cats got into the act with a three-point victory over the Goofers. The Alley Cats' win gave them the other portion of the rung. The Phantoms punched out a three-point edge over the Nip and Tucks.

Joe Dunlap helped the Pin Plasters along with a 207 scratch game and 552 scratch series. His 234 handicap game was tied by Bob Jago, Toppers. Elbert Scott, Nip and Tucks' sub, had the best handicap series of 658. On the feminine side Dorothy "Bill" Grizzell had the best game scores of 197 and 247 for the Pin Plasters. Sub Katie Williams, Nip and Tucks, rolled a 473 scratch series for the gals and Peggy Hardin posted a 615 handicap series for the Cool Cats. In team scoring the Pin Plasters took most honors with a 716 scratch and 849 handicap game and a 2315 handicap series. The Toppers' 1857 scratch series was best of the night.

League standing follows:

Team	W	L
Toppers	12	4
Scrappers	10	6
Cool Cats	10	6
Alley Cats	10	6
Pin Plasters	9	7
Phantoms	5	11
Goofers	4	12
Nip and Tucks	4	12

The biggest mystery to a married man is what a bachelor does with his money.

## Roistering Rebels Smite Smelters To Get Top Spot In Close Classic League Race

The roistering Rebels smothered the Smelters with a four-point coat of whitewash last week in the feature battle of the Classic League of Y-12 pinmen to take over first place from the routed Rippers, three-point losers to the Playboys. The Tigers made a big jump up the ladder by blanking the Markers for four and gain a tie with the Has Beens, who bumped the Bumpers for three. In other matches the Sportsmen smote the Cubs for four, the Wasps stung the All Stars for three, the Eight Balls bounced the Swingsters by the same margin and the Sportsmen took two and one-half points from the Wolves.

R. P. Wallace, of the Wasps, had the best series scores of the night with a sizzling 605 scratch and 665 handicap total. Jack McLendon, Has Beens, rolled a 227 scratch game for best of the night and the 272 handicap game by D. Allison, Screwballs. In team scoring the Screwballs had the best game scores with a 950 scratch effort, boosted to 1101 with handicap. Despite their loss, the Bumpers rolled the top scratch series of 2536. The Rebels got into the act with a 2959 handicap series.

Frank Tiller turned in one of those rare triples—three straight scratch games of 146. He rolls with the Wolves.

League standing follows:

Team	W	L
Rebels	13	3
Rippers	12	4
Has Beens	10	6
Tigers	10	6
Wolves	8½	7½
Sportsmen	9	7
All Stars	7	9
Swingsters	7	9
Wasps	7	9
Playboys	7	9
Eight Balls	7	9
Screwballs	7½	8½
Markers	6	10
Cubs	6	10
Smelters	6	10
Bumpers	5	11

## Y-12ers Invited On Peninsula Tour

The Anderson County Sportsmen's Association has invited Y-12 outdoorsmen to join in a conducted tour of the Central Peninsula hunting area on Saturday of this week, October 8. The tour will be led by a biologist of the State Game and Fish Commission.

The party will meet at the main entrance of the Central Peninsula area at 9:30 a.m., with each tourist bringing his own lunch. It is expected the hike will be finished by 4 p.m., after which the group will meet at the Anderson County Sportsmen's Association headquarters for a spaghetti supper.

## Lucky Five Hits Bush League Lead

The triple tie in the Bush League was broken on Monday night, September 26, when the Lucky Five took over undisputed possession of the top spot in the circuit. The new leaders rolled the Rollmasters for three while the Balls O' Fire and Pin Busters were falling by the same margins to the Beavers and Hi Balls. The only whitewash victory of the session was a four-point win by the Rodders over the Nine Pins. The Alley Gators and Rollniks broke even at two points each.

Wayne Silver, Hi Balls, led in single game scoring with a 220 scratch and 254 handicap markers. Len Hart, Alley Gators, posted a 548 scratch series and the top handicap triple was 634 by the Rodders. In team scoring the Hi Balls had most of the honors with a 2312 scratch and 2879 handicap game. The Beavers' 809 scratch game was tops of the night.

League standing follows:

Team	W	L
Lucky Five	10	2
Balls O' Fire	8	4
Pin Busters	8	4
Hi Balls	8	4
Rollmasters	6	6
Beavers	6	6
Rollniks	5	7
Rodders	5	7
Alley Gators	3	9
Nine Pins	1	11

## Skeet Loop Opens Season Next Sunday

With high hopes for an entertaining and successful season, the Y-12 Skeet League will open fire at 1 o'clock next Sunday afternoon, October 9, at the Oak Ridge Sportmen's Association. Seven two-man teams have enrolled in the circuit.

The latest team to join the target-shooting brigade is composed of J. M. Patterson and John P. Murray. Others previously listed were Jim Turner-F. L. Patton, Jack Fleischman-Glen Davis, Fred Welfare-M. L. Bailey, Hal Tunnell-Joe Dunlap, W. A. Less-H. D. Landry and Jack Case-Newt Hamby.

In a practice round of shooting on September 25 Case and Welfare both posted excellent scores of 20 targets hit out of 25. Other scores were Less 14, Bailey 12 and Hamby seven.



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Continued from Page 2  
tucky for part of his vacation...  
**C. O. Mathena** plans to watch those big ball battles over TV this week... Add to the sick list and sent get well wishes is **E. L. Pemberton**.

**INDUSTRIAL RELATIONS**

Renewing old acquaintances at Oak Ridge Hospital last week was **Jim Young**, the Colyum's most able aide, who was making his second visit to the haven of healing in about a month or so. Medics were pondering his ailments with no verdict having been given at this writing. However, some good news arrived late—Jim expected to be back this week.

Corn-fidentially from the Cafeteria comes word that **Bill Monroe** was welcomed back after an extended illness... Get well wishes are rushed to **Rosa Lowe**, ill in Oak Ridge Hospital... Sympathy is extended **Tommy Goss** and family—his uncle died in Atlanta September 27.

The Boys in Blue and Gray of the Fire and Guard Department was represented at the UT-Auburn game in Birmingham by Guards **George McPherson, J. E. Morgan, S. L. Ray** and **Charley Lively**—guess they helped the Big Orange win... In the miseries department get well wishes go to Guard **J. T. Riddle**, the wife of Guard **R. K. Kite** and also to **Lucia Shults**, Stores, wife of Capt. **D. C. Shults**... Also to Guard **J. A. "Cornbread" Margrave**, still over there in Presbyterian Hospital in Knoxville... Guard **E. McFarland** is welcomed back after his bout with surgery... Sympathy is extended to Capt. **Arnold Tiller**, whose father-in-law died recently.

**MAINTENANCE**

Beaming with pride is **Ernie Pickard**, Research Services, whose football playing son, **Oakie Pickard**, of Knox County Central High School, made the "Back Of The Week" listing in a Knoxville newspaper recently. He was cited for his play for the Central Bobcats in their victory over Alcoa in which Oakie scored a touchdown and made 11 tackles, two of which were in open field territory that stopped almost certain Alcoa scores.

Process Maintenance extends condolences to **P. Weikel**, whose father died recently... The departmental boss **C. B. Newman**, is off on vacation, believed to be visiting a granddaughter in Pensacola, Fla... **F. K. Booth** is attending an instrument show in New York and folks back here hope he doesn't get lost.

**SHIFT SUPERINTENDENTS AND UTILITIES**

The division was highly honored last week in having two representatives at the UCNC "Old Timer's" Dinner at Paducah, Ky., last week end, honoring Carbide employees with 25 or more years of Company Service. From Y-12 were Plant Shift Superintendent **Dan Rader** and B Shift Superintendent **Finley Creigh**. Another "old timer,"

**Dave Harrigan**, was unable to attend.

Utilities extends condolences to **C. F. Meadors**, whose grandfather died recently... **A. M. Foster, J. C. Loy, J. A. McLain, L. Walker** and **H. B. Renfro** are "honey-do" vacationers ("Honey do this, do that" and "Yes'm" and helping with housecleaning with the hopes of watching some World Series game over TV... **C. H. Jarvis** is vacationing in a noisy part of Florida—Cape Canaveral (where the big missiles are shot) and not-so-far-away Orlando, where the thunder also is heard... **J. A. Braden** and **E. F. Sosby**, the champion lizard catchers of B Shift, are on the prowl again... **C. A. Cox**, the champion squirrel hunter, has boasted of killing six bushy-tails in one tree recently... **E. W. Mahan** also was a Utilities vacationer recently, spending the time off in Hancock County.

This is that—for this time.

**Safety Poster Contest Set For Y-12 Plant**

Continued from Page 1  
each month in 1961 and the first and second prizes to be awarded follow:

- January**—Falls, Both Levels, Table model radio and blanket.
- February**—Material, Equipment and Tool Handling. Sabre saw and wood plane.
- March**—Use of Protective Equipment. Bed spread and can opener.
- April**—Spring Clean-Up. Folding table and house and garden kit.
- May**—Positive Action-Prevention of Accidents. Deep fryer and three-quart saucepan.
- June**—Off-job Accidents. Meat slicer and gasoline can.
- July**—Prevention of Temperature and Chemical Burns. Folding table and ice crusher.
- August**—Self-Analysis in Respect to Safety. Food slicer and extension light.
- September**—Safe Use of Hand and Power Tools. Sabre saw and welding torch kit.
- October**—Fire Prevention. Deep fryer and gasoline can.
- November**—Winter hazards and holiday safety. Bed spread and coffee kit.
- December**—Freedom from Injury — Safety's Greatest Gift. Meat slicer and can opener.

**Blair Also Winner In Fishing Rodeo**

The name of Frank Blair, Process Maintenance, was inadvertently omitted from the list of winners in the recently closed Y-12 Fishing Rodeo, published in The Bulletin last week. Blair's winner was a fine five-pound, 13½-ounce largemouth bass. He will receive a prize of a fly rod.

Observe Security Regulations



PRESENTING "GOING AWAY" GIFTS TO Y-12 RETIREE GROVER C. LAY, left center holding a wrist watch and transistor radio, is Tool Grinding Department Foreman L. A. Taylor, in dark trousers to Lay's left. The presentation was made before a group of about 30 fellow employees of Lay, all of whom wished him good luck. He also received a fishing rod and reel, held by Lay.



ADMIRING HIS RETIREMENT presents given him last week by fellow employees is Grover C. Lay, left, holding a fishing reel and wrist watch. Foreman L. A. Taylor, of the Tool Grinding Department, right, is holding a fishing rod and transistor radio, also given to Lay.

**Y-12er Grover C. Lay Retired September 30 With 15 Years, Six Months Of UCNC Service**

**Popular Employee In Tool Grinding Receives Fine Retirement Gifts, Praise At Gathering**

Another native-born East Tennessean became the 70th Y-12er to retire since Union Carbide Corporation took over plant operations here on May 4, 1947, when Grover C. Lay officially wound up a more than 15-year-old career here last Friday, September 30. He also is the 11th to retire this year.

**Y-12ers Urged To Seek Patents On New Ideas**

Continued from Page 1  
"invention disclosure" explaining each development was prepared and sent to the AEC for evaluation. In each instance, the AEC decided to file a patent application in the United States Patent Office. Each application was pushed successfully and eventually was issued as a United States patent. Here are the examples under each classification of a patentable development submitted by UCNC employees.

**Processes**—Recovery of uranium from lubricating oils; technique for nickel-plating pipes and the like; inspection of electric motor rotors while in operation; wet method for separating U235 and U238; method of preparing water-free vanadium trifluoride.

**Compositions**—Liquid fuel for nuclear reactors; new nickel-molybdenum alloy; solvent extraction compounds having affinity for uranium; silica-coated thorium oxide for use in nuclear reactors.

**Apparatus**—Device for monitoring drinking water for radioactivity; crucible for melting and pouring uranium; improved vacuum gauge; pocket-size device for giving warning of radiation; improved electronic amplifier circuit; liquid level indicator.

Any Y-12ers with suggestions or ideas on patentable developments may obtain assistance and information on their projects from the Patent Department, UCNC phone 7739 and 8643.

filed with the Patent Office, one of which is the above, and the other one is prepared for filing and should be approved shortly.

**PhD From Tennessee**  
Googin earned his BS degree in chemistry from Bates College, Lewiston, Me., early in 1944 just prior to coming to Oak Ridge.

He later earned his PhD degree in chemistry from the University of Tennessee. Googin is a member of the American Chemical Society, the Association of Oak Ridge Scientists, the Laurence Chemical Society, and Phi Beta Kappa.

The young scientist was born in Lewiston, May 2, 1922. He was educated there in public schools before entering the college in his hometown. Googin is married to the former Janet H. Horn. They live at 111 Orkney Road, Oak Ridge, with their three daughters: Jacqueline, Diane, and Laura.

Security carelessness is costly.

**Y-12ers With 15, 10 Years Company Service**

Congratulations to the Y-12 employees listed below who will complete 15 and 10 years of Company Service within the next few days:

- 15 YEARS**
- Millard N. Wilkerson**, Guard Department, October 9.
- Frank E. Morrow**, Beta Two, October 9.
- William E. Green**, Guard Department, October 10.
- Martin L. Sullivan**, Guard Department, October 10.
- Aubrey J. Jeffers**, Guard Department, October 10.
- Edward C. Ellis**, Superintendents, October 10.
- Elwood B. Cox**, Operation of Utilities, October 11.
- 10 YEARS**
- Joseph E. Smyrl**, Forming Department, October 5.
- Mary A. Cusman**, Superintendents, October 6.
- Will Bailey, Jr.**, Janitors, October 6.
- Joel S. Morgan**, Area Five Maintenance, October 9.
- James B. Johnson**, Mechanical Maintenance, October 9.
- Howard G. Tillery**, Industrial Engineering, October 9.
- Franklin E. Cox**, Machine Maintenance, October 9.
- Joe B. McConnell**, General Machine Shop, October 9.
- James A. Marsh**, Tool Grinding, October 9.
- Ezra Ballard**, Buildings and Grounds, October 9.
- Edward W. Pipes**, Electrical, October 10.
- Carl Arrowood**, Process Maintenance, October 11.
- Sam B. Peake**, Research Services, October 11.

**Dr. John J. Googin Receives '\$1 Letter'**

Continued from Page 1  
This particular patent award is among the 13 invention disclosures he has made in the past 16 years he has been in Y-12. Of these 13, the Atomic Energy Commission decided not to file five of them with the Patent Office, and have five of the others under consideration awaiting action. Two others have been

Lay was a material handler in the Tool Grinding Department of the Mechanical Operations Division. His continuous Company Service date extends back to March 22, 1945, giving him 15 years and six months service as a Y-12er.

**Born In East Tennessee**  
Born in Pioneer, Tenn., in Scott County, September 6, 1895, Lay has spent most of his life in East Tennessee. His education was obtained in Campbell County schools. He is married to the former Miss Catherine Green and they have two sons and one daughter. They are Elwood Lay, living in Ipsilanti, Mich., and Floyd Lay, of Kingston, Tenn. The daughter is Mrs. Lois Reynolds, of Peoria, Ill.

Lay was highly regarded by his fellow employees and supervision in his department. That was proved when a group of about 30 turned out to pay tribute to the retiree one day last week, when he was presented with a number of appropriate "going-away" gifts. The articles included a fishing rod and reel, transistor radio and wrist watch.

**Fooled By Foreman**  
L. A. Taylor, a foreman in Tool Grinding, acted as master of ceremonies at Lay's retirement party. He escorted Lay to the meeting, telling the retiree he was sorry he had to fool him by announcing they were going to a "safety meeting." The foreman then highly praised Lay's work and cooperation during the time they worked together and then presented the gifts.

Lay's reply was a combination of witty comments on his plans for the future and sincere thanks for the presents. He also said:

"I appreciate so much these presents and want to thank you from the bottom of my heart. It has been a great pleasure to work with you fellows for these many years."

Lay's plans for the future include dividing time between his home near Harriman and Cocoa Beach, Fla. He will stay at his Harriman home in the summer months to enjoy the fishing in Watts Bar Lake, just two miles away. Then he and his wife want to spend the winter months in Florida.

Better be late Mr. Jones—than the late Mr. Jones.

