



SHOWN ABOVE ARE THE ARRAY OF 42 ARTICLES ASSEMBLED BY THE Safety Department to offer as individual safety awards for the 16th Union Carbide Safety Period established in the Y-12 Plant Area. All Union Carbide Nuclear Company employees in the Y-12 Plant Area are urged to vote their choice of these articles on a ballot appearing on Page Four of this edition of The Y-12 Bulletin. The 11 articles receiving the largest vote will be offered for the final selection. Hanging in front are a pair of aluminum griddles forming one item, with a TV folding table between them. On the first row are, from left, a plastic, zippered clothing bag; hand mirror, kitchen shears, kitchen set, men's manicure set, soldering iron, bench tool grinder, plier set, women's brush and comb set, bathtub mat and French

fried potato cutter. On the next row are a 25-foot steel tape, a Crescent wrench, alarm clock, block plane, knife sharpener, men's brush and shave combination set, Zippo cigarette lighter, woman's compact, two types of women's billfolds on either side of a nest of saws set, clothes brush, Eveready flashlight, wall can opener, hacksaw and one-gallon thermic jug. On the third row are a desk cigarette lighter, one quart Thermos bottle with cups, first aid kit, casting reel, home utility tool kit, steak knives and trouble light. On the top row are a lunch box with one pint Thermos bottle, electric vaporizer for colds, lawn sprinkler, desk light, two quart ice bucket, TV snack set and a two-tray tackle box. Oak Ridge National Laboratory employees in the Y-12 Plant Area will receive special ballots on which to vote.

Hospitalization Benefits For Y-12 Employees Raised

Allowances For Daily Costs, Special Service Boosted In Contract

A substantial increase in allowances for hospital bed and board and other hospital charges is provided for Y-12 employees covered by the Company's Hospitalization and Surgical plan in a contract with the Connecticut General Life Insurance Co. The contract, which expired on September 30, has been extended for another year and the new benefits now are in effect.

The revised plan provides for the following increased benefits:

1. Daily hospital benefits increased from \$8 per day for 70 days with a maximum of \$560 to \$8 per day for 120 days with a maximum of \$960. This is an increase of 50 days of coverage for beneficiaries.

2. Allowances for special hospital services such as surgical room, anesthesia, laboratory procedures, X-Ray examinations, dressings, drugs and ambulance has been increased to \$225 for each period of confinement instead of the previous \$100 allowed.

All other benefits of the Hospitalization and Surgical Plan, including maternity benefits, remain the same.

There is no increase in premium charges for the new coverage. The monthly cost for employees desiring single coverage remains at \$1.03, while the family member coverage stays at \$3.74. Since premiums are payable in advance and as no deductions for hourly paid employees were made for the month of October, the premium deduction for these Y-12ers were made from pay checks delivered on October 7. The deduction for weekly and salaried employees already have been made for the October premium.

Any Y-12er not presently enrolled in the Plan may do so during the month of October at the Y-12 Insurance Office, Bldg. 9704-2. Presently enrolled employees need not sign a new payroll authorization to continue their coverage.

A new booklet describing all benefits offered in the Hospitalization and Surgical Plan will be made available to Y-12ers desiring them as soon as possible.

Bagwell, Bernander Going To National Safety Congress

The Y-12 Plant and other Union Carbide Nuclear Company installations in Oak Ridge and Paducah, Ky., will be well represented at the National Safety Congress in Chicago all next week, October 16-21. Safety Department Head Lee Bagwell and D Shift Superintendent N. K. Bernander will represent the Y-12 Plant.

A large delegation is expected to attend the Congress from other Union Carbide and Carbon Corporation divisions. A thorough program of safety discussions and exhibition of safety devices for all types of industry feature the Congress, which draws attendance from all over the world.

Voting On Individual Safety Awards Opens For Y-12ers; 42 Fine Articles Are Offered

Approximately 6,000 Union Carbide Nuclear Company employees in the Y-12 Plant Area will begin voting this week on their choices

for individual safety awards to be offered for participation in the 16th Union Carbide Safety Period. The ballot on which to cast votes is published on Page Four of The Y-12 Bulletin this week and will be reprinted in the editions of Wednesday, October 19, and Wednesday, October 26.

October 28 is Deadline

The deadline for returning the marked ballots to the Safety Department, Bldg. 9704-2, will be 4:30 p.m., Friday, October 28. To facilitate the counting of the ballots, it is urged that they be returned to the Safety Department as soon as possible.

However, a close study of the picture of the 42 articles to be offered and of the ballot on Page Four is urged before a ballot is cast so that the choice of the voting employee can be definite.

The 11 articles receiving the highest number of votes will be presented to the eligible UCNC

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

26 Days Or

871,234 Man-Hours

(Unofficial Estimate)

Without A Lost Time Accident

Through October 9

employees in the Y-12 Plant Area from which to make their final selection. Employees submitting ballots are urged to mark only one article as their choice to place on the final list.

Wide Variety Offered

A total of 42 articles of varied description have been selected to be submitted to Y-12 Plant Area employees from which to select the final 11 articles. Many of them have been offered as individual safety awards in the past

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"Be Afraid Of Home Fires," Y-12ers Urged

"It's smart to be afraid of fire in your homes," says Capt. Emmett Moore, of the Y-12 Fire Prevention and Control Dept.

Prevention Week Being Observed

That is a pointed proposal for all Y-12ers to check their homes for fire hazards in their part of observance of Fire Prevention Week this week—just as they are in the Y-12 Plant Area this week. The plant observance is consisting of a thorough check of every nook and cranny on the premises to seek out and eliminate conditions that might be unsafe or cause fires—to improve housekeeping conditions and take whatever other steps are necessary to make the working areas safer and cleaner places in which to carry on the job.

Captain Moore, his wife, Virginia, and six more smaller Moores live over on Purdue Ave. in Oak Ridge. They claim to be nothing more than just average folks with average activities—but there is one

Continued on Page 4

BENCH GRINDERS MUST BE PICKED UP BEFORE WEDNESDAY, OCTOBER 26

Distribution of the bench tool grinders previously selected by 617 UCNC employees as their individual safety awards for the 15th Union Carbide Safety Period, is going slowly and the Y-12 Safety Department points out that these awards must be picked up before 4:30 p.m. on October 26. This is 30 days after the articles were received and made available for distribution. The deadline for other individual awards for the 15th UCC Safety Period and not yet picked up will be at 4:30 p.m. on Friday of this week, October 14, at the Safety Department, Bldg. 9704-2.

The Bulletin

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Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
A Division Of
Union Carbide And Carbon
Corporation
Post Office Box Y
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GEORGE W. DOBBS . . . Editor

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Bldg. 9704-2 Room 223
Telephone 7751

Dr. Scott Will Speak At CU Group Dinner

Y-12 Group Has Tickets For Meet On October 20

Dr. Madison Scott, pastor of the First Baptist Church of Oak Ridge, will be guest speaker at the dinner to be given Thursday, October 20, by the Oak Ridge Chapter of Credit Unions, it was announced last week by Mrs. Lorena Causey, treasurer of the Y-12 Employees Credit Union. The dinner will be held at the Oak Terrace, beginning at 7 p.m.

All Y-12 Credit Union members are invited to attend the dinner meeting, which will attract representatives of all credit unions in Oak Ridge. Mrs. Causey pointed out that all reservations for the function must be made not later than 4 o'clock next Tuesday afternoon, October 18. The tickets may be obtained from Mrs. Causey at the Y-12 Employees Credit Union Office at the Y-12 North Portal building. They cost \$2.25 per person.

Mrs. Causey returned last Thursday after attending the National Managements Conference, representatives of credit unions in the country with assets of more than \$1,000,000. The Y-12 organization is one of 98 such groups in the nation. The meeting was held in Hartford, Conn., and was attended by 210 delegates.

Clarke Heads Union Carbide General Purchasing Dept.

Sheldon V. Clarke has been appointed Manager of General Purchasing Department of Union Carbide and Carbon Corporation, it is announced by Morse G. Dial, President. He succeeds H. V. Huffard who is retiring after 40 years of service with the Corporation.

Clarke, a graduate of Lehigh University, first joined Union Carbide in 1920. He served as construction engineer in the Construction and Design Department of Linde Air Products Company and later held the same position in Carbide and Carbon Chemicals Company. In 1929 he left Union Carbide and joined the Bradstreet Company, becoming a Vice-President, returning to Union Carbide in 1934 as Purchasing Agent. In 1946 he was appointed Assistant Manager of Purchases.

State Inspector To Talk At Welding Society Meet

Lynn C. Peel, chief inspector of the division of boiler inspection for the state of Tennessee, will speak at a technical meeting of the Northeast Tennessee Section of the American Welding Society in Oak Ridge next Monday night, October 17. The meeting is scheduled for 7:45 p.m. in the Knights of Columbus hall in Jefferson Circle. The section has numerous members in Y-12, all of whom along with the public, are invited to attend.

Peel will speak on "Application of Safety Codes and Regulations as Applied to Boiler Inspections."

Metals Group To Hear Address On Corrosion

Dr. Leo F. Epstein Speaks Thursday Night

Dr. Leo F. Epstein, of the Knolls Atomic Power Laboratory, will be the guest speaker at the first technical meeting of the 1955-1956

season of the Oak Ridge Chapter of the American Society of Metals. The meeting will be held at the Knights of Columbus Hall in Oak Ridge, beginning at 8 p.m. All Y-12 members of the chapter are urged to attend.

"Corrosion by Liquid Metals" will be Dr. Epstein's subject. He will discuss corrosion problems with the use of fused metals as a heat transfer media in the nuclear reactor system. The experimental techniques for determining the corrosion rates in isothermal and dynamic systems also will be described as will other phases of the main topic.

Dr. Epstein is a native of New York and received his B.S. and Ph.D. degrees from Massachusetts Institute of Technology, where his postgraduate studies were on photochemistry as a part of the Solar Energy Research Project. He has been associated with the United States Bureau of Mines as a research chemist in high explosives and as a research engineer with the Crystal Research Laboratories.

Offices of the Oak Ridge Chapter of the ASM for the coming season are W. J. Fretague, chairman; D. A. Douglas, vice chairman; W. O. Harms, secretary; and W. D. Ditt, treasurer.



Continuing a series of questions and answers on the Y-12 Employees Credit Union.

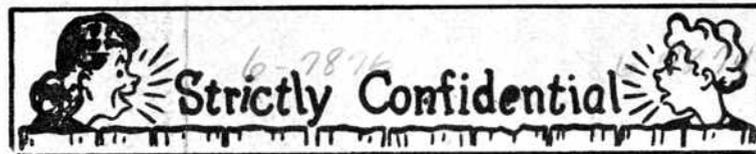
Q. Who is eligible to borrow from the Y-12 Employees Credit Union?

A. Any employee who is a Y-12 employee and a member of the Y-12 Employees Credit Union is eligible to borrow from the Credit Union. However, co-signers will be required on a signature loan from employees of less than one and one-half years Company Service. This does not hold true when collateral is furnished.



Get-well wishes are sent to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

William C. Geldmeier, Beta Four Operations; Ralph Stanfill, Beta Two; Wendell L. Nelson, Research Services; M. A. Pitts, Process Maintenance; James Butts, General Machine Shop; B. W. Helton, Colex Operations; Mrs. Will R. Kelly, Planning and Estimating; Hugh M. Peacock, B Mechanical Operations; Frank E. Williams, Alpha Five Maintenance; Hester W. Johnson, Janitors.



Interesting headline possibilities arise from the naming of a lot of new busses in Knoxville after well-known personalities. Just supposing—supposing, now, that is—a situation arose involving one of those new busses in a traffic accident.

Would a Knoxville headline writer, for instance, write the following?

The Tom Anderson Hit From Behind By Big Truck Driver Perish the thought—the old Tuscaloosa Terror was a lot better broken field runner than that. Well, on with the mundane and otherwise news around Y-12.

MAINTENANCE

The Salvage Department salvages some news about vacationers—last week and this—including R. S. McGinnis, C. J. Almon, R. A. Moseley, J. E. Fields and R. T. Day.

Research Services sends rapid-recovery wishes to B. A. Riggle . . . Also to M. W. McGuffin and his wife, both ailing with flu.

Ailing folks also reported from Electrical Maintenance . . . Get-well wishes to J. V. Bibee in a Missouri hospital and likewise to E. B. Kimbro and O. C. Axley . . . R. M. Roark is doing a training stint for Uncle Sam this week . . . Vacationers include W. S. Miller at home over at Claxton . . . A. K. Johnson likewise at home in Fountain City . . . R. H. Freeman, R. E. Baker, Frank Darby and H. E. Moore at undisclosed destinations.

Alpha Five Maintenance couldn't keep track of the whereabouts of its vacationers but reports V. W. Reece, J. E. Shoffner, T. A. Hickman and J. L. Hyrne off resting.

Beta Four Maintenance hears romantic rumors about Willie Aiken—that he might return from his present vacation a bridegroom . . . H. G. Simmerly is taking it easy at Daytona Beach, Fla. . . . Get-well wishes are sent to M. P. Welch, E. L. Stooksbury and to the father of V. R. Hubbard, who is ill up in Kentucky.

The Laundry Department sends get-well wishes to ailing G. A. Anderson.

S. R. White and L. C. Hargis are Process Maintenance vacationers of the week.

Alpha Four Maintenance has T. W. Cheatwood, J. J. Henry and T. R. Clotfelter on the vacation list.

SUPERINTENDENTS

General Utilities reports K. E. Thomas, C. H. Jarvis, R. G. Hurst, G. R. Beasley and P. L. Beeler off and running on their vacations.

MANUFACTURING OFFICE

Betty Heath, of the Cashier and Travel Office, accompanied by Kathryn Ballentine, of Manufacturing Office Department, week ended down in Alabama . . . The latter is vacationing this week at her home in Martel.

Receiving and Shipping reports Clem Jones—if he was the squirrel hunter in a picture last week the colyum has been had, but good)—is vacationing again, probably out to better his luck . . . Millie Miller is down Texas way on vacation . . . R. S. Phillips and B. H. House are on the sick list.

J. D. Raulston, head mail man for the plant, is taking it easy over at Strawberry Plains while vacationing.

Property reports—yes, it says so right here—"Ben Hope has returned from being sick with a new '56 Ford"—oh, no advertising, please. . . . Morris Perry likewise is sporting a new ottomuble (name of make on application to him) . . . J. W. Stevison is receiving get-well wishes.

Stores sends condolences to P. I. Fawver, whose sister died last week . . . The growing sick list is swelled by A. N. Potter, whose pals hope he will be back soon. Gosh, some more puny people—

John Henley of Materials Expediting has joined the throng.

ALLOY

Alpha Four is mighty proud, suh, of its representatives on the recently formed Y-12 Plant Mixed Bowling League—and invites y'all to come over to the Central alleys any Wednesday night and see the forms—and form—shown by Wanda Livesay, Mabel Tyer, Joyce Myers, Helen Gombita, Al Gillen and Nell McGinnis (she's from Alpha Five just down the road) knocking down them thar ten pins . . . Winfred Ray left Tennessee's fair hills to spend his vacation fishing on a Kentucky lake . . . Frank Stoezel is reported utilizing his vacation to move into his newly purchased homestead . . . C. S. Harmon is said to be devoting his vacation to solving the intricate procedure of the three-cornered, er, er—pants—and single pin operation on that baby girl born September 30 . . . Others away are Earl McAbee, R. D. Schen, J. P. Rudd and J. T. Farmer.

Alpha Five is congratulating J. L. Chapman on the birth of his new daughter—Jacqueline K. arrived September 29, weighing six pounds, eight ounces—he is vacationing this week to become acquainted . . . C. A. Stephens is vacationing in Knoxville . . . B. I. Leinart also is away.

Beta Two sends get-well wishes to Harry Burns at Harriman . . . Also to John Hagood, still on the sick list . . . Roger Brotherton moved into his new home at Farragut while vacationing . . . Whereabouts of vacationers A. M. Stephens, F. A. Wells, W. E. Webb and R. L. Stanfill are not known at press time.

TECHNICAL

The Mechanical Inspection Department, all of the Technical Division and the entire plant joins in extending condolences to J. Clyde Bowles, whose mother, Mrs. Flora Harmon Bowles, died last week in a Knoxville hospital . . . Paul Ziemke is a fast mover—anyhow he beat his colored picture post card to the Colyum Conductor from Wisconsin back to Oak Ridge by several days—it, the card, made the CC hungry, and thirsty.

The business of new fathers taking vacations immediately following the blessed event has extended to Chemical and Industrial Engineering—Roy McKnight is taking care of eight-pound, three-ounce Michael born on September 30 . . . The mother, Frances McKnight, is a former Y-12er.

Fatherhood also has tapped W. R. Ellis, of Electrical Engineering, whose new daughter was born last Thursday—no vital statistics as yet.

G. R. Whitaker, Health Physics, is vacationing this week.

INDUSTRIAL RELATIONS

Back in those turbulent times of 1944 and 1945 a cool and charming young lady in the Knoxville employment office of Y-12 helped to calm many a timorous soul who became utterly confused by the fast-moving events . . . On last Friday, Doris Moore Walton, now of Medical, terminated a Y-12 career that began on December 2, 1944, to take over housekeeping duties at a new home over near Farragut and await arrival of an heir. Her husband is Joe Walton, well-known former Y-12er now with ORNL in the Y-12 Plant Area—and best wishes for continued happiness go with both of 'em . . . Dr. H. E. Dickson is vacationing in North Carolina.

Training's C. W. McCollum was expected back bright and early Monday morning after a restful vacation in North Carolina and nearby points.

Capt. J. H. Conner, of the Guard Department, was reported seriously ill last week in St. Mary's Hos-

Continued on Page 3

SNT Chapter To Hear Talk By Dr. Tenney

Los Alamos Man To Tell Of Brussels Conference

Dr. G. H. Tenney, of the Los Alamos Scientific Laboratory, will speak at a meeting of the Oak Ridge Chapter of the Society for Nondestructive Testing tomorrow night, Thursday, October 13. The meeting is set for the Blue Room of the Ridge Recreation Hall.

Dr. Tenney is chairman of the international relations committee of the SNT, and his topic tomorrow night will be "International Cooperation in Nondestructive Testing." He will describe the results of the First International Conference on Nondestructive Testing held in May 1955 in Brussels, Belgium. His lecture will cover the preparation, technical sessions, social atmosphere and observations of the conference.

Dr. Tenney was born in Ebersdorf, Austria, and received his Ph.D. degree at the University of Vienna. In 1938 he came to the United States and was naturalized in 1943. Since 1943 he has been a group leader at the Los Alamos Scientific Laboratory. He is past president of the SNT.

Rides Wanted, Offered

Car pool participant wanted from Powell, straight day. C. C. Morgan, plant telephone 7-8407, home telephone 4-4261, Powell.

Car pool participants wanted from Park City section of Knoxville near Cas Walker's Supermarket on Magnolia Ave., straight day. H. R. Dyer, plant telephone 7185, home telephone 5-7336, Knoxville.

Want to join car pool from North Hills section of Knoxville to West Portal, H Shift. F. D. Lively, plant telephone 7904, home telephone 5-6292, Knoxville.

Riders wanted or will join car pool from Fountain City to West Portal, H Shift. C. A. Lively, plant telephone 7904.

Ride wanted or will join car pool from North Hills section of Knoxville, B Shift. Charles Catlett, plant telephone 7125, home telephone 4-8957, Knoxville.

Four riders wanted from Powell or Dante section to East Portal, straight day. W. H. Donahue, plant telephone 7411, home telephone 4-5641, Powell.

Ride wanted from Forest Hill Village, West Knoxville, to Central Portal, straight day. Dora Whaley, plant telephone 7079, home telephone 8-0948, Knoxville.

Ride wanted from Cedar Lane, Fountain City, to North Portal, D Shift. James Wiseman, plant telephone 7796 or 7044, home telephone 6-0234, Knoxville.

Rider wanted from Harriman to West Portal, straight day. Raymond W. Curtis, plant telephone 7-8301.

Two riders wanted or will join car pool from LaFollette or Caryville to any portal, G Shift. L. C. Burnette, plant telephone 7749, home telephone 623-XM, LaFollette.

One or two car pool participants wanted from Washington Pike, Cross Valley section, Knox County, to East, North or Central Portal, straight day. Dan Zehner, plant telephone 7228, home telephone 2-6557.

10 Years Service

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

Lester W. LaRue, Guard, October 15.
George H. Kesterson, Beta Four, October 20.

6-7863



Continued from Page 2
 pital in Knoxville . . . Other puny people in the department are L. E. Bellamy, J. E. Morgan, S. L. Ray and R. C. Ridge—rapid-recoveries wished to all.

Lee Bagwell, Safety, and Mrs. B. are visiting in the Chicago area this week.

Harlan Wright, Recreation Supervisor, and his wife are calling on kin folks up around Jamestown, Tenn., this week.

Art Hines, Insurance, vacationed last week around Oak Ridge—shadowed, no doubt, by his golf clubs . . . Phyllis Graham is vacationing this week in Knoxville.

That crepe on the Employment Office cubbyhole occupied by Bob Cantrell was to greet him back from vacation after TV'ing the World Series. He stuck with the Yankees—and got stuck with them.

CHEMICAL

J. E. Whittlesey, Product Processing, rested up at home last week.

Chemical has a flock of folks away this week—including D. J. Whitehead, C. R. East, J. B. Kennedy, C. T. Marie, G. E. Miller, J. H. Monday and E. C. Pate . . . Get-well wishes to Evelyn Watson.

MECHANICAL OPERATIONS

W. Crowe, F Mechanical Operations, is vacationing at home in Oliver Springs.

A Mechanical Operations extends deepest sympathy to W. H. Asbury, whose mother died a few days ago in Virginia . . . R. W. Hagood is back in the fold this week—he almost had the mumps, he said.

General Machine Shop has a wide variety of dissa and data to reveal . . . R. Griffith is deep in the heart of Texas (Dallas, to be specific) for a couple of weeks . . . J. W. Young is closer to home at Corbin, Ky., for resting purposes . . . L. P. Vines vacationed in Clinton, Ala., to visit a brother seriously hurt in an automobile mishap . . . F. E. Shipley and A. M. Monger took it easy at their Knoxville homes last week . . . Charley Viar did likewise in Oak Ridge . . . E. Smith, C. A. Boyd and M. A. Parrish are other vacationers with no forwarding addresses . . . Get-well wishes to J. E. Hargin, recovering from traffic accident injuries . . . Others ailing are H. M. Peacock, G. Phillips, L. C. Watson and A. L. Cardwell . . . More rapid-recovery wishes for the mother of F. T. McNamara, she is ill in the Baptist Hospital in Knoxville . . . Congratulations to H. F. Kidd, who became a member of the Proud Pop's Club last week . . . O. K. Sergeant, hardy soul, made a 20-mile hike with a bunch of Boy Scouts last week in the Smokies . . . Best wishes go along with H. L. Gary (the "Dad" of the "Dad and Mac" cartooning team of The Bulletin) who has gone to New Mexico.

For the sign-off this week, let us again borrow one of Mechanical Operations Charley Smith's bits of wisdom—to wit—
 "The most completely lost of all days is the one on which we have not laughed."
 Amen, brother, see you next week.

Former Y-12 Women City League Threat

The City Market team in the Oak Ridge Women's City Bowling League, composed mostly of last year's championship Y-12 keglers, is threatening the leaders in the city circuit, being only four points out of first place in their third place position. The team is led by Oradean Uffleman, wife of Fred Uffleman, of Y-12, as captain. Other team members are Betty Whitehorn, Juanita Reed, Mavis Koons and Ruby O'Kain.

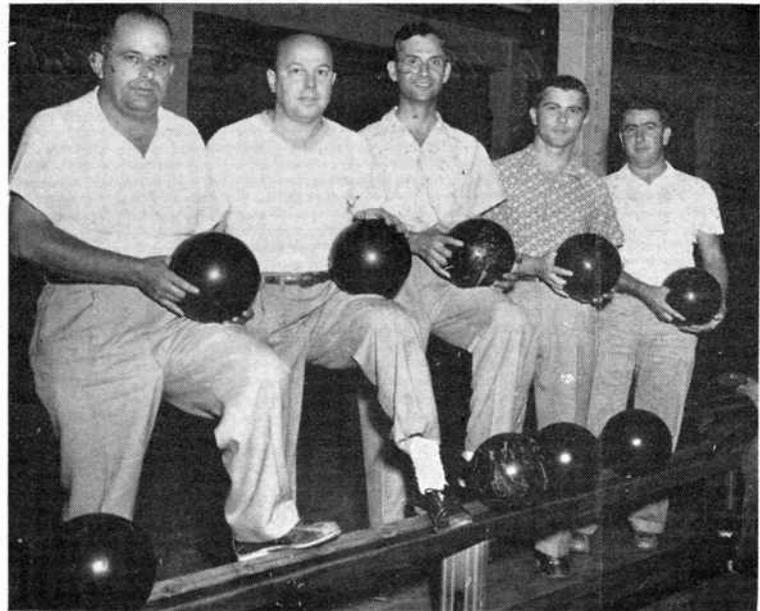
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It won't kill you to be careful.



ALTHOUGH THE WASPS HAVE BEEN BUZZING AROUND THE LOWER section of the B League hive during the early part of the season, this bunch of Y-12 Plant bowlers are liable to sting the best of the opposition in the circuit. From left are J. Davis, C. McCoig, F. Clabough, T. Livingston and R. Wallace. They blanked the Playboys last week.

Masters, Marksmen Win Pistol Matches

The Masters and Marksmen teams won opening matches of the winter season of the Y-12 Pistol League held at the Oak Ridge Sportsmen's Association range on Monday night, October 3. The Masters topped the Experts by the close margin of 482 to 473 scratch and 574.480 to 574.095 handicap. The Marksmen defeated the Sharpshooters by the score of 475 to 395 scratch and 567.473 to 535.137 handicap.

The highest scratch score of the night was a dandy 253 by R. L. Vanderpool of the Experts. J. V. Ledbetter, of the Masters had a 289.746 handicap tally for tops of the session.

The top score for the Marksmen was T. J. Bush with 240 scratch and G. C. Brewster with 284.699 handicap. The Sharpshooters were led by H. Bender with 250 scratch and 289.185 handicap. W. R. McIntosh's 246 scratch was best for the Masters as was Ledbetter's 289.746 handicap. Vanderpool led the Experts in both scratch and handicap with 253 and 288.415.

The next matches for the league will be fired tomorrow night, Thursday, October 13.

UCNC Will Expand Uranium Processing Mill At Uravan

The uranium processing mill of Union Carbide and Carbon Corporation at Uravan, Col., already one of the largest on the Colorado Plateau, is undergoing a further large expansion in capacity, with new construction already in progress, according to Kenneth Rush, President of the Corporation's newly formed atomic energy Division, Union Carbide Nuclear Company. The expansion plans were announced following the signing of a contract with the Atomic Energy Commission.

The additional mill capacity at Uravan is expected to be completed early in the fall of 1956. Engineering work is already well under way, and construction contracts are currently being placed. Pending completion of the new facilities, the present plant will continue to be operated at full capacity; and, as the new facilities are installed, production of uranium will be progressively increased.

DIVIDENDS DECREASING

National statistics show that in 1929 and in the decade of the 1930s, dividend payments averaged six per cent of the national income. However, in recent years they have been only around three per cent.



Hot Wires Continue Lead In C League

The Hot Wires continued their winning streak to hold first place in the C League of plant keglers with a three-point win over the Glass Arms last week. The second-place Q Balls kept pace with a similar win over the Hornets. The Rusty Five increased their standing by taming Murderer's Row for three and the Deltas downed the Sooners by the same margin.

Individual scoring was divided four ways. Smith's 196 scratch game was best as was Wade's 231 handicap game. Smith had a 506 scratch series and Fleischman a 620 handicap series for tops. In team scoring the Rusty Five had a 994 handicap game, 2338 scratch series and 2843 handicap series. The Hot Wires' 800 scratch game took top honors.

League standing follows:

Team	W	L
Hot Wires	13	3
Q Balls	11	5
Murderer's Row	9	7
Rusty Five	8	8
Glass Arms	7	9
Hornets	7	9
Deltas	5	11
Sooners	4	12

Litton Will Prove Tough Tilt For Cats

One of the toughest games on the 1955 schedule will be upcoming on Friday night of this week, October 14, when the hefty, speedy and strong Issac Litton High School team of Nashville will come to Blankenship Field in Oak Ridge to tackle the Oak Ridge High School Wildcats. The Nashvillians already have turned in victories over leading high school gridiron teams of Chattanooga and Memphis and are making a strong bid for the state championship. Game time is 8 p.m. and a capacity audience is expected.

It's sensible to be safe.

Plant 'World Series' May Get Started At Ridge Midtown Diamond This Week

National League Ridgerunners Awaiting Outcome Of Bomber-Sunflower Battles In American Loop

That long looked forward to "world series" for the Y-12 Plant softball championship came closer to reality last week as the American League began to unravel its torrid race for second half of the season honors and indications pointed to the title series getting under way either Tuesday or Wednesday night of this week. The big series will be played at the Oak Ridge Midtown Park.

Bombers Take Opener

As matters stood last Friday morning, the Bombers and Sunflowers were in a grim two out of three contest for the American League second half crown with the Bombers one up on their opponents by virtue of a 2 to 1 victory scored last Thursday night. The Bombers had won the first half of the season title and the Sunflowers were the second half champions.

This competition was to be resumed on Monday night of this week at Midtown with the third game, if necessary, to be played Tuesday night.

Then comes the "world series" with the winner of the American League playoff meeting the Ridgerunners, Manager E. C. Myers' National League winners who have been out of action for several weeks awaiting the outcome of the other league race.

UCJVs Fire And Fall Back

In those crucial American League games last week the Uranium Control Junior Varsity team, contenders throughout the season, eliminated the Bombers from the second half race with a 10 to 3 victory. In this contest UCJV's pitcher Bill Stanton held the boisterous Bombers to two hits while his mates were combing Gib Hatmaker and Bill Ramsey for seven. The winners got away to a six run lead in the first inning and then took it easy. Four bobbles were made by each side.

The UCJVs then went into a final game with the Sunflowers and made a game try but fell before the charges of Manager Curt Ridings by the score of 10 to 8. UCJV held a 4 to 3 lead going into the fifth but the Sunflowers put the game on ice with five in that round and a couple more in the sixth. A game rally by the losers in the sixth brought four runs across the platter—but it was too late with too little. McFarland was the winning pitcher and Stanton the loser.

One Of Season's Best Games

That first game of the league playoff series Thursday night was one of the best of the season. C. E. Cheek, of Manager J. R. Luck's Bombers, clouted a long homer over the center field fence in the first to put his team out in front. The Sunflowers tied it in the second but the Bombers got their winning run in the fifth. Both Hatmaker and S. A. Cook, Sunflower hurler, pitched fine ball and both teams played perfectly in the field. A snappy double play in the late innings in which outs were gained at second base and home plate in quick succession, kept the Bombers in the lead.

Line scores of last week's games follow:

Team	R	H	E
UCJV	610	12x	10 7 4
Bombers	100	20x	3 2 4
Stanton and Little. Hatmaker, Ramsey and Castleberry.			
Sunflowers	111	052	x—10 11 3
UCJV	202	004	x—8 9 4
McFarland and Sigmon. Stanton and Little.			
Bombers	100	010	0—2 6 0
Sunflowers	010	000	0—1 5 0
Hatmaker and Castleberry. Cook and Smith.			

Rippers Revive To Skin Wolves

Bowlers in the Classic League of plant keglers are strongly inclined to give a saliva test to the Rippers after their four-point victory over the Wolves last week. Winners of but three and losers of 13 points up to the session last Thursday, the Rippers not only skinned the Wolves but climbed out of last place and set individual and team scoring records right and left for the night.

Other matches found the Swingers blanking the Rebels, the Wasps whitewashing the Playboys, the All Stars taking the Bumpers for three, the Screwballs beating the Has Beens by the same margin and the league-leading Cubs barely holding on to first place by dividing with the Tigers.

The Rippers as a team ripped right across the board in team scoring with marks of 853, 1003, 2466 and 2944. Elmore Koons, Rippers, posted a 196 for best scratch game of the night and shared honors with Frank Tiller, Tigers, for the leading handicap series of 617. Graham, Tigers, and Sprouse, Screwballs, tied with 234 for the best handicap game and Old Reliable Len Hart came through with a 551 scratch series for tops.

League standing follows:

Team	W	L
Cubs	15	5
All Stars	14	6
Swingers	14	6
Has Beens	11	9
Bumpers	10	10
Screwballs	9	11
Tigers	9	11
Rebels	9	11
Wolves	8	12
Wasps	8	12
Rippers	7	13
Playboys	6	14

Mix Ups Take Lead In Mixed League

The Mix Ups took a pair of points from the Pin Ups, lost one and tied one in the Mixed League competition last week to hold first place in the circuit. The tie will be rolled off later. In other matches of the night the Strike Outs took three from the Nip and Tucks and the Rocks and Oleos split even.

The Mixed League is composed of teams of two men and two women each and is proving popular with the contestants.

The feature of the night was a 6-7-10 split picked up by Harold Ratjen, of the Nip and Tucks.

League standing follows:

Team	W	L
Mix Ups	6	1
Pin Ups	5	2
Nip and Tucks	5	3
Strike Outs	3	5
Rocks	2	6
Oleos	2	6

Many Y-12ers Going To See Vols-Tide

Many Y-12ers already have announced plans for a trip to Birmingham, Ala., on Staturday of this week, October 15, to attend the Tennessee-Alabama football classic. This is the "big" game for each team so far this season and a victory in either will make their supporters forgive earlier in the season mistakes by their favorite teams.

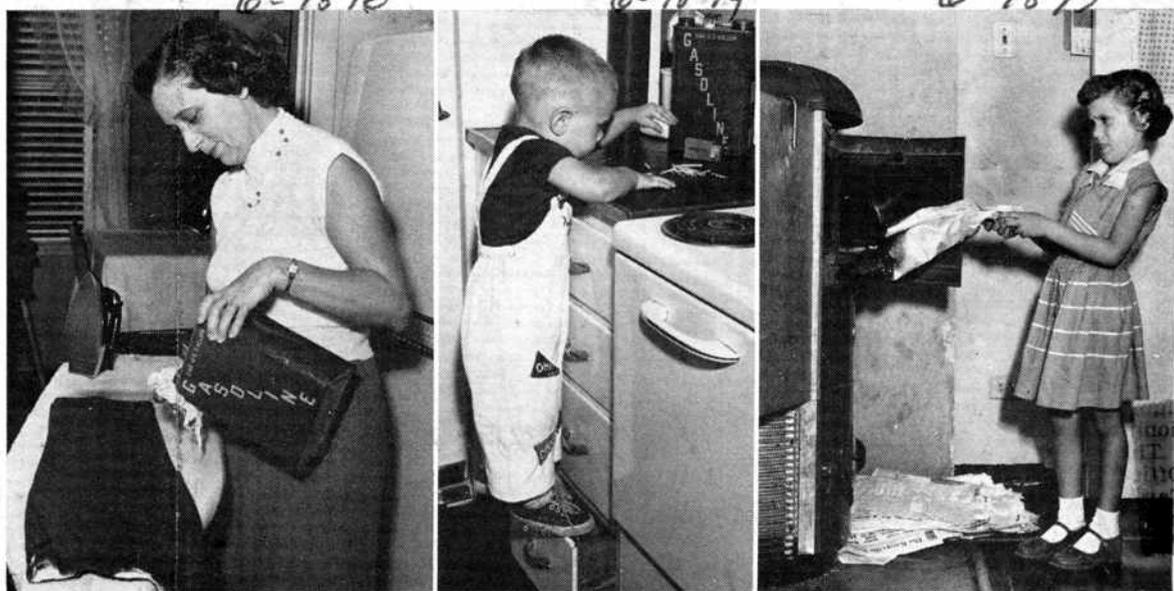
Neither the Vols not the Crimson Tide were impressive in their first few games of the season, but records mean nothing when these two ex-giants of the grid meet in their annual battle.



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These Things DON'T HAPPEN In Moore Home



MRS. VIRGINIA MOORE, WIFE OF CAPT. EMMETT MOORE OF THE Y-12 FIRE DEPARTMENT, DEMONSTRATES one of the most dangerous household practices if fire hazards are to be avoided — using flammable cleaning fluid indoors—in picture at left. In the center picture 18-months-old David Moore will never get away with this trick in real life—the Moores are too careful to leave matches around for the youngster to play with and furthermore his Mom and Dad wouldn't allow him to pull out a drawer on which to stand. At right Patricia Ann Moore, 6, shows how burning trash in a coal heater might start a dangerous home fire—what if she should drop the flaming paper on those below as she starts to light a fire? Just as fire hazard conscious are the other Moore children—Rodney 8, Larry 10, Emmett, Jr., 12, and Rebecca, 15.

Voting On Individual Safety Awards Opens

Continued from Page 1 and appear again on the ballot through request. Others have been placed on the ballot after being suggested by many employees. It is the widest range of awards ever offered for participation in a UCC Safety Period of more than 1,500,000 and less than 3,000,000 man-hours of plant operations without a disabling accident.

The 16th UCC Safety Period was the third established in the Y-12 Plant Area during this year and the third longest ever observed here. During the period the Y-12 Plant Area employees put in 2,825,087 man-hours of work without a lost time accident over a span of 84 days. The period started on June 21 and was ended on September 13.

Balloting Plan is Popular

The procedure of having a plantwide vote on articles to offer as safety awards was inaugurated last June and proved popular with a substantial percentage of eligible UCNC employees participating in the balloting, representing a typical cross section of the plant personnel.

TASTY ENTREES PICKED FOR Y-12 CAFETERIA SPECIAL LUNCHES

Roast beef hash will be the main dish on the 50-cent Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, October 13. On next Tuesday, October 18, the entree will be chicken croquettes with parsley sauce. One vegetable, choice of salad or dessert and rolls and butter also are included on the Special Lunch menus.

Eli Whitney Introduced Mass Production In Nation

Mass production, the backbone of American economy and standard of living in America, is not new in the United States. Back in 1798, when each Army rifle had to be made laboriously by hand with each part made to fit one gun only, Eli Whitney developed a previously unheard method of speedily forging and stamping out "standard" interchangeable parts and later assembling them.

Using the Whitney mass production method in 1807, a New England clockmaker began manufacturing 5,000 clocks per year instead of four and selling them for \$5 instead of \$25. The idea caught on and has been going strong ever since.

"Be Afraid Of Home Fires," Y-12ers Urged

Continued from Page 1 thing for sure, they are alert to any fire hazards that threaten their homes, their lives and their belongings.

Moores Not Exceptional

In this respect they are not exceptional among Y-12 families—the great majority of whom are just as careful to avoid the dangers and terror of fires as the Moores. However, Captain Moore—as are all other members of the Fire Prevention and Control Dept. of Y-12—is acutely aware of some of these dangers and readily volunteered to have members of his family participate in a picture story on home fire prevention.

These pictures—all designed to show dangerous procedures in home activities that might cause fires—are shown on this page of this edition of The Y-12 Bulletin.

Eight Leading Causes of Fire

Y-12 Fire Chief W. O. Elam, Captain Moore and other members of the department are eager to point out the eight principal causes of home fires, as given by the National Fire Protection Association. They are:

1. Careless smoking and handling of matches; 2. Misuse of electricity; 3. Defective or overheated heating and cooking equipment; 4. Improper disposal of rubbish; 5. Careless handling of gasoline, kerosene and other flammable liquids; 6. Lightning; 7. Defective or overheated chimneys; 8. Children and matches.

Bed Smoking Most Dangerous

Under the head of careless smoking comes that most dangerous of all—smoking in bed. A sleeping smoker can cause a conflagration and is the bane of fire officials everywhere. In many states, it is a criminal offense to smoke in bed in a hotel, motel or other public rooming place.

Worn wire insulation, overloaded electric circuits and short circuits cause many home fires that could have been avoided by proper inspection and handling of equipment. Those flammable liquids—cleaning fluids, paint thinner, varnish remover and even cans of grease in kitchens are fire hazards—to say nothing of gasoline and kerosene. They are due the utmost respect and care in handling—preferably in closed containers approved by nationally recognized testing agencies.

Matches Fascinate Children

Just what is the fatal fascination of matches for young children is a moot question—but it remains one of the biggest fire hazards in existence. A constant guard and



EMMETT MOORE, A CAPTAIN IN THE Y-12 FIRE DEPARTMENT AND AN ardent advocate of home fire prevention, wouldn't think of smoking in bed—he just posed this to show the dangers that might arise from this practice—possible starting of a fire that would destroy lives of his family and his home and furnishings.

Carbide To Double Ethanolamines Output

Construction of a large new ethanolamines unit at Seadrift, Tex., has been announced by H. B. McClure, President of Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation. Completion of these facilities in the fall of 1956 will more than double Carbide and Carbon's ethanolamines capacity.

The Seadrift plant is a major installation for the production of ethylene oxide, ethylene glycol, and butadiene. The new ethanolamines unit will be fully integrated with these facilities.

Carbide and Carbon Chemicals Company has pioneered the development of ethanolamines and more than 100 other derivatives of ethylene oxide. Mono-, di-, and triethanolamines are widely used by industry. Monoethanolamine is an efficient absorbent for carbon dioxide and is used to concentrate carbon dioxide in the manufacture of dry ice. Monoethanolamine and diethanolamine are employed in

training program against youngsters handling matches should be one of the home's prime projects.

Thousands of words could be written about home fire prevention methods—but once again, as in all safety matters, it is carefullness and common sense that will prove uppermost in facing these problems.

Take a tip from the Moores—and other safety-minded Y-12ers. "Don't give a fire a place to start."

the recovery of hydrogen sulfide from natural and refinery gases. The fatty acid amides of mono- and diethanolamine are popular components of modern household detergents where they serve to improve the washing power and the suds volume and stability. Diethanolamine condensates find wide application in textile scouring and in industrial cleaning operations. Triethanolamine has long been an important raw material for the manufacture of cosmetics, shampoos, rubless polishes and "soluble" cutting oils.

The new facilities at Seadrift are designed to provide an adequate supply of ethanolamines for these and other applications.

7,000,000 HEAT WITH OIL

More than 7,000,000 American home owners heat with oil, statistics reveal.

For a **BRIGHTER FUTURE**

Join the **PAYROLL SAVINGS PLAN**

U. S. SAVINGS BONDS

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

To Y-12 SAFETY DEPARTMENT

Bldg. 9704-2

I suggest that the article checked below be offered as an individual safety award for the 16th Union Carbide Safety Period.

CHECK ONLY ONE ARTICLE

- | | |
|---|---|
| <input type="checkbox"/> Alarm Clock, Westclox | <input type="checkbox"/> Hacksaw, 10-Inch Blade |
| <input type="checkbox"/> Aluminum Griddles, Two, 8-In. | <input type="checkbox"/> Hand Mirror, Women's |
| <input type="checkbox"/> Bathtub Mat, Rubber, 18 by 30 Inch | <input type="checkbox"/> Ice Bucket, Two Quart, Insulated |
| <input type="checkbox"/> Bench Tool Grinder | <input type="checkbox"/> Kitchen Tool Set, Three Pieces |
| <input type="checkbox"/> Billfold, Women's | <input type="checkbox"/> Kitchen Utility Shears, Wiss |
| <input type="checkbox"/> Block Plane, Stanley | <input type="checkbox"/> Knife Sharpener, Dazey |
| <input type="checkbox"/> Brush & Comb Set, Women's | <input type="checkbox"/> Lawn Sprinkler |
| <input type="checkbox"/> Brush & Shave Kit, Men's | <input type="checkbox"/> Lunch Box With Pint Thermos |
| <input type="checkbox"/> Can-O-Mat Can Opener | <input type="checkbox"/> Manicure Set, Men's |
| <input type="checkbox"/> Casting Reel, Ocean City | <input type="checkbox"/> Nest Of Saws, Keystone |
| <input type="checkbox"/> Cigarette Lighter, Desk | <input type="checkbox"/> Plier Set, Three Pieces |
| <input type="checkbox"/> Cigarette Lighter, Zippo | <input type="checkbox"/> Steak Knife Set, Six Pieces |
| <input type="checkbox"/> Clothes Bag, Plastic, Zipper | <input type="checkbox"/> Steel Tape, 25 Feet, K. & E. |
| <input type="checkbox"/> Clothes Brush, Leather Handle | <input type="checkbox"/> Soldering Iron, 100 Watt |
| <input type="checkbox"/> Compact, Women's | <input type="checkbox"/> TV Snack Set, 4 Cups & Plates |
| <input type="checkbox"/> Crescent Wrench, 10-Inch | <input type="checkbox"/> TV Tray Table, Folding |
| <input type="checkbox"/> Desk Light | <input type="checkbox"/> Tackle Box, Two Tray |
| <input type="checkbox"/> Electric Vaporizer For Colds | <input type="checkbox"/> Thermic Jug, One Gallon |
| <input type="checkbox"/> Eveready Flashlight, Two-Cell | <input type="checkbox"/> Thermos Bottle, One Quart |
| <input type="checkbox"/> First Aid Kit, Home Or Car | <input type="checkbox"/> Trouble Light, 25 Foot Cord |
| <input type="checkbox"/> French Fried Potato Cutter | <input type="checkbox"/> Utility Tool Kit, Home |

Name _____

Badge No. _____ Dept. No. _____