

Carbide Adopts New Red Cross First Aid Style

'Mouth-To-Mouth' Respiration Method Now Used In Training

The Y-12 Plant, the Oak Ridge Gaseous Diffusion Plant and the Oak Ridge National Laboratory all have adopted the Red Cross "mouth-to-mouth" technique of artificial respiration in first aid training. This new method now is being taught at all first aid training classes in the three Carbide facilities.

The "mouth-to-mouth" artificial respiration method is simple to administer. The numbered illustrations adjoining this column tell the basic steps to take in the new method. It would be a good idea for Y-12ers to clip this story and drawings for future emergency use.

If there is a foreign matter visible in the mouth, wipe it out quickly with your fingers or a cloth wrapped around your fingers.

1. Tilt the head back so the chin is pointing upward (Figure 1). Pull or push the jaw into a jutting-out position (Figures 2 and 3). These maneuvers should relieve obstruction of the airway by moving the base of the tongue away from the back of the throat.

2. Open your mouth wide and place it tightly over the victim's mouth. At the same time pinch the victim's nostrils shut (Figure 4) or close the nostrils with your cheek (Figure 5). Or close the victim's mouth and place your mouth over the nose (not illustrated here). Blow into the victim's mouth or nose. (Air may be blown through the victim's teeth, even though they may be clinched.)

3. Remove your mouth, turn your head to the side, and listen for the return rush of air that indicates air exchange. Repeat the blowing effort. For an adult, blow vigorously at the rate of about 12 breaths per minute. For a child, take relatively shallow breaths appropriate for the child's size, at the rate of about 20 per minute.

4. If you are not getting air exchange, recheck the head and jaw position. If you still do not get air exchange, quickly turn the victim on his side and administer several sharp blows between the shoulder blades in the hope of dislodging foreign matter.

Y-12ers Invited To Hear NACE Talk On Corrosion

Y-12ers interested in the study of corrosion are invited to attend a meeting of the East Tennessee Section of the National Association of Corrosion Engineers tomorrow night, Thursday October 22. Dr. Norman Hackerman, of the University of Texas, an outstanding authority on the subject, will be guest speaker, his subject being "Metal Dissolution and Its Retardation."

The meeting will be at 8 o'clock in Room C, Oak Ridge Institute of Nuclear Studies Training Building, Laboratory Road, Oak Ridge.



Lind Lectureship Set By ACS October 21

Dr. H. C. Brown Named Speaker For Meeting

The 1959 Samuel C. Lind Lectureship meeting of the East Tennessee Section of the American Chemical Society will be presented in Oak Ridge tonight, Wednesday, October 21. Dr. H. C. Brown, professor of chemistry at Purdue University, will be the 1959 lecturer.

The Oak Ridge meeting will open with a dinner at 6:15 p. m. at the Oak Terrace, followed by the address by Dr. Brown at 8 p. m. at the Robertsville Junior High School. Dr. Brown's subject will be "The Chemistry of Molecular Shapes."

The Samuel C. Lind Lectureship was instituted by the East Tennessee Section of the ACS to honor Dr. Lind, a Carbide consultant for many years. Dr. Lind is a native Tennessean and one of the best known men in the chemistry profession in the country.

Dr. Brown received his B.S. Degree in 1936 and the Ph. D. Degree in 1938 from the University of Chicago. He was on the staff there from 1939 to 1943, going to Wayne University, Detroit, where he was located from 1943 to 1947. He has been at Purdue since 1947. He is widely known in the field of chemistry and has been honored by several lectureships.

BRITAIN BUILT MANY SHIPS

In the 1890s the United Kingdom launched more than 80 per cent of the world's merchant shipping tonnage, according to a 20th Century Fund report.

Y-12ers Generously Supporting Chest-Cross Fund-Raising Appeal In Drive's First Week

Mechanical Operations First With Full Report

Generous Y-12ers were pouring out their support to the annual fund-raising campaign of the Community Chest-Red Cross as the first week of the drive was observed in the plant. Indications pointed to not only having the total annual contributions through the Union Carbide Nuclear Company Central Fund Plan increased but that the cash gifts also will be substantially boosted.

Report Made In Two Days

The Mechanical Operations Division with approximately 1,350 employees was the first division to turn in a complete report. The division campaign committeeman, Joe Williams, handed in his report to Y-12 Campaign Committee Chairman W. E. Heckert of the Engineering Division last Wednesday—just two days after the drive was opened.

This division reported increased gifts through boosted monthly deductions through the Central Fund Plan and new contributions to add \$465 and that cash contributions received during the two days of the drive in the division totaled \$455, for a grand total of \$920.

Central Plan Aids Donors

One of the principal objectives of the 1959 campaign is to increase the number of Y-12 contributors through the Central Fund Plan of monthly payroll deductions. This enables Y-12ers to more conveniently contribute to the annual Community Chest-Red Cross, as one authorized deduction may be maintained indefinitely. The plant fund-raising campaign committee also is suggesting that present contributors through the Central Fund Plan increase their monthly donations.

Although Mechanical Operations was the only division with a complete report through last Friday, Engineering and Maintenance were well along with their drives. All but two departments in Engineering had completed their solicitation and Maintenance was about one-half completed, according to Madeline Keck, auditor for the committee.

Mitchel Pleased With Progress

Meanwhile, George W. Mitchel, Y-12er who is Carbide coordinator for the Chest-Cross campaign in Y-12, Oak Ridge Gaseous Diffusion Plant and Oak Ridge National Laboratory was well pleased with progress reported from the three Company facilities in Oak Ridge. Chairmen J. C. Laycock, ORGDP; and W. E.

Continued on Page 4

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 109 Days Or 3,424,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through October 18 Phone 7755 For Daily Report On Accident-Free Hours



WITH THIS BEVY OF BEAUTIES BOMBARDING Industrial Relations Division folks with appeals for support of the Community Chest-Red Cross campaign through the UCNC Central Fund Plan, soaring success is predicted by Art Hines, standing, the divisional member on the plant campaign committee. The girls are, from left, Nancy Vandergriff, Personnel; Liz Campbell, Fire and Guard Departments; Verna Peckman, Cafeteria, reading the list of beneficiary agencies for the drive; and Sarah Cantrell, Security and Safety.



WATER SAFETY TRAINING is one of the major services offered by the Oak Ridge Chapter of the American Red Cross. Stan Ashton, above, chairman of the water safety committee of the Red Cross chapter, instructs an unidentified student how to cast a life-saving buoy into the Oak Ridge pool.

Red Cross Sets Two Courses In First Aid

Advanced, Standard Classes Being Held

Two first aid training courses were scheduled to start at the Oak Ridge Chapter of the Red Cross building on the Turnpike last week. A class in advanced first aid was slated to begin Monday night October 19, from 7:30 p. m. to 10:30 p. m. and a morning and night class in standard first aid was opened the following day, Tuesday, October 20.

Y-12ers interested in either of the classes may obtain full information from Mrs. Ruth Whiteside, Red Cross Building, Turnpike, Oak Ridge, phone 5-5641.

Mrs. Colleen Lockmiller is teaching the advanced first aid course. It is a 16-hour period designed for persons more than 16 years old who hold a current first aid certificate. The course covers study of the human body, treatment of severe skeletal injuries and emergency first aid treatment.

The morning class of the standard first aid course will run from 9:30 a. m. until 11:30 a. m. with Mrs. Weva Compton as instructor. Dan Cronin is teaching the evening class, beginning at 7:30 p. m. and continuing until 9:30 p. m. This 10-hour course is designed for persons at least 15 years old who have completed the ninth grade in school. It is aimed at fostering interest in safety and presenting basic principles of first aid.

Canadian Scientist To Talk At Physics Seminar Session

H. E. Cove, of the Atomic Energy of Canada, Ltd., at Chalk River, will speak at the seminar of the Physics Division of the Oak Ridge National Laboratory on Friday afternoon of this week, October 23. The discussion topic will be "Proton Capture of Gamma Rays from the Giant Resonance Region in Light Nuclei." The meeting will be at 3:15 p. m. in the auditorium of Bldg. 4500, ORNL. Y-12ers interested in the subject are invited to attend.

Secretaries Group Sets Two More Seminar Meets

The third and fourth of a series of seminars being conducted by the Oak Ridge Chapter of the National Secretaries Association (International) will be held tonight, Wednesday October 21; and next Wednesday, October 28. The sessions will be from 7:30 p. m. to 9:30 p. m. at the Oak Ridge Institute of Nuclear Studies Training Building, Room C, Laboratory Road.

Mrs. Ardell Rowland, personnel assistant at ORINS, will teach a lesson in shorthand at the seminar tonight. This instruction is expected to be helpful to secretaries preparing for the Certified Professional Secretaries examination, to be held next spring.

At the session next week, Fred Donehoo, instructor at Webb School and the University of Tennessee, Knoxville, will speak on "The Need of Cultural and Liberal Arts Study in the Business World."

NURSES ARE TRAINED

The Linde Company has been cooperating with student practical nurses in Chicago in training the nurses in oxygen therapy. Meetings include two films and demonstrations.

ITALY SCORES "FIRST"

Italy's "autostrada," opened in 1925, was the world's first expressway to separate fast, long-distance traffic and local traffic, according to a 20th Century Fund report.

The Bulletin

Published Weekly By And For
Y-12 Employees Of
UNION CARBIDE
NUCLEAR COMPANY
Division Of
Union Carbide Corporation

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Heart Attacks Fatal To Two Y-12 Employees

Condolences Extended Smith, Owens Survivors

Heart attacks last week were fatal to two Y-12ers, saddening their fellow employees who were quick to send their sympathy to survivors. Wright Smith, 51, a painter in Buildings and Grounds, was the first to go, dying on Monday, October 12. Two days later Richard S. Owens, 34, a production machinist in the TW Shop, succumbed. Both died at Oak Ridge Hospital.

Smith was stricken at a Y-12 portal on his way home from work. He was being rushed to the hospital by ambulance when he died. He came to work in Y-12 on June 4, 1951. Funeral services were held October 14 at Fyffe, Ala., and interment was in Valley View Memorial Gardens, Ft. Payne, Ala.

Smith is survived by his widow, Mrs. Dimple Smith, and a son, Ronnie, living at their home on Route 3, Oliver Springs; two sisters, a half-sister and three half-brothers.

Owens was taken ill at home the day before his death and taken to the hospital. He became a Y-12er on March 15, 1954. He was a World War II veteran. Funeral services and interment were held last Friday afternoon at his home town of Somerset, Ky.

Survivors include his widow, Mrs. Caroline Owens; his mother, Mrs. Cassie Owens, both living at home, 661 West Outer Drive, Oak Ridge; and his father, Carl M. Owens, Orlando, Fla.



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

A. C. Jenkins, Mechanical maintenance; Alene Haney, Production Analysis; S. W. Owens and B. T. Fox, Process Maintenance; C. R. McGinnis, Production Control; J. W. Stevison, Z Area; Clyde Brewer, Electrical Maintenance; D. B. Blackburn and F. J. Salts, Research Services; T. A. Burkett, Employment; J. A. McNeeley, Chemical; Helen L. Hicks, Special Testing; Howard Zimmerman, Tool Grinding and Machine Maintenance; J. G. Plummer, General Machine Shop.

The Old Timer



"Maybe the dog is called man's best friend because the wag is in his tail instead of his tongue."



BRANNON-SERGEANT

Miss Barbara Ellen Sergeant, of the Y-12 Tabulation Service Department, became the bride of Billy Deb Brannon, of the United States Air Force, in a ceremony at the home of the parents of the bride, 201 South Purdue Ave., Oak Ridge, at 3 o'clock Sunday afternoon September 27. The Rev. Ferde Robinson, pastor of the Calvary Baptist Church, Oak Ridge, officiated.

Mr. and Mrs. Orren Kenneth Sergeant are parents of the bride. Her father is with the Y-12 General Machine Shop. Parents of the groom are Mr. and Mrs. Devens W. Brannon, 142 South Purdue Ave., Oak Ridge.

The bride was given in marriage by her father. Nuptial music was provided by Mrs. C. A. Rind-erer, organist.

The bride wore a wedding gown of white tulle and delicate Italian lace over white satin. The sweetheart neckline was outlined and decorated in tiny pearls and the bouffant skirt swept into a cathedral train. Her fingertip veil was gathered to a tiara of white sequins and seed pearls. Her flowers were white feathered carnations centered with pink sweetheart roses on a white Bible, a gift from the groom.

The maid of honor was Miss Emilie Sue Sergeant, sister of the bride. She wore a pink brocaded taffeta dress and carried a nosegay of pink carnations.

Howard Wayne Schrader, of Oak Ridge, served as best man. Orren K. Sergeant, Jr., and Ronald Gilder Sergeant, brothers of the bride, were ushers.

A reception was held at the home of the bride's parents immediately following the ceremony.

The bride graduated from Oak Ridge High School in 1956, where she was drum majorette during her senior class year. She later attended the University of Kentucky. The groom also is a graduate of Oak Ridge High School and was on the track team in 1956 and 1958. He also attended Tennessee Polytechnic Institute, Cookeville, where he was a color guard with the ROTC drill team.

The couple is at home at 142 South Purdue Ave., Oak Ridge.

GEORGE-ROACH

Solemnized at 7 o'clock Friday night, October 2, was the marriage of Miss Pauline Lucille Roach, a secretary of the University Hospital, Knoxville; and James Randall George, Jr., of the Y-12 Special Projects Department. The ceremony was performed by the Rev. Clyde Whaley, pastor of the Hollywood Baptist Church, Knoxville, at the home of the bride's parents.

The bride is the daughter of Mr. and Mrs. Everett Roach, 2806 Browning Ave., Knoxville. Parents of the groom are Mr. and Mrs. James Randall George, Sr., 2728 Washington Pike, Knoxville.

The bride was given in marriage by her father and tape recorded nuptial music by Mrs. George, Sr., was presented.

For her wedding, the bride wore a white taffeta ballerina-length dress with velvet bows in front and back. Her veil was shoulder length and her slippers white satin. She carried a white Bible on which was a white orchid.

Miss Nancy Bailey was maid of honor and only attendant of the bride. She wore a pink taffeta dress of ballerina length with satin bows and a pink veil and pink satin shoes. Her flowers were pink asters.

Kenny George, brother of the groom, served as best man.

Following the ceremony a re-



Mr. and Mrs. Billy Deb Brannon



Mr. and Mrs. James R. George, Jr.

W. C. Moyers, Sr., Funeral Services Held On Monday

The third Y-12er to die from a heart attack last week was stricken at his home in Knoxville Saturday while repairing the roof on his home. He was William C. Moyers, 44, of the Contract Administration Engineering Department. He was rushed to St. Mary's Hospital but was pronounced dead on arrival.

He first came to work in Y-12 on October 31, 1944, and has been here ever since with the exception of a three-month period in 1947 when he left under a reduction in force in March and returned in June.

He was well known and liked throughout the plant and his shocked fellow employees and other friends extend their sincere sympathy to survivors. They are his widow, Mrs. Lucille Welch Moyers; son, William, Jr.; sister, Mrs. O. D. Lawson, Kettering, Ohio; and an uncle, Walter R. Williams, Nashville.

ception was held at the home of the bride's parents.

The bride attended Cooper's Business College. The groom attended the University of Tennessee for one year and Middle Tennessee State College at Murfreesboro for one year. At UT he was a member of the Sigma Chi Fraternity.

The couple is at home at 2440 1/2 Washington Pike, Knoxville.

A pat on the back will develop character — if applied young enough, often enough and low enough.



They're telling this story 'bout the Injun brave from the Cherokee reservation in the Smokies. He came down to the flatlands—probably Knoxville — and entered an eatery to buy a ham sandwich.

He peered between the slices of bread.

"You slice 'im ham?" the Injun asked the counterman.

"Yeah," was the reply.

"Hmm," mused the Injun, "you pretty near miss him."

Well, the Colyum Conductor ain't-a-goin' to miss out on this tour of the premises on this beautiful autumn afternoon — so here goes, with—

MAINTENANCE

Pheasant hunting (Hey, Mac, be sure to put the "H" in it) out in South Dakota will occupy the vacation time of W. T. Mitchell and F. Irwin, Research Services . . . W. L. Ellis is going after more vicious game—boar hunting down around Tellico Plains . . . E. K. De-long and R. M. Brown are home vacationers . . . Get well wishes are dispatched to W. L. Allen and the son of George DeLozier, both ill at Baptist Hospital, Knoxville . . . Condolences are extended Tom McCarroll, whose father-in-law died recently.

The Proud Pop of the week in Mechanical Maintenance is H. Finn—his seventh son was born October 13, weighing seven pounds, 15 ounces — still no gal chillun in the family . . . Sympathy is extended W. F. Griffith and family—his father-in-law died at Erwin, Tenn., recently . . . Rapid recovery wishes are sent the wife of T. E. Lankford, who underwent surgery last week . . . N. B. Kep-linger is welcomed back after a long siege of sickness.

SHIFT SUPERINTENDENTS AND UTILITIES

Loafing around home is the vacation avocation of Del Bender, Shift Superintendents' Office.

Another pheasant hunter (and don't drop the haitch, Mac) is R. D. Freels, Utilities, out in South Dakota . . . O. K. Clotfelter is vacationing in Dayton, Ohio, with friends and relatives . . . J. C. Thompson is moving into his new house and J. C. Sims did some work on his residence . . . That inveterate sports fan, A. H. Norman, was a spectator at the UT-Alabama football fracas in Birmingham over the past week end.

FINANCE AND MATERIALS

Plant Records has warmly welcomed Emma Puckett, recently transferred from Property.

Back from a vacation in Virginia is Kenneth McNabb, Engineering Records.

Home at Harriman is the vacation retreat of Clyde Clower, Reproduction . . . Mattie Wright visited her daughter in Lexington, Ky., over the past week end.

MECHANICAL OPERATIONS

A housewarming party honoring Geneva Carter, Mechanical Operations, was held recently for her new home on Hillside Road in Chilhowee Hills in Knoxville. Hostesses were Virginia George, Elizabeth Harris, Bobbie Griffin and Lucille Whitman and guests included 17 friends of the honoree.

After several months of duty with Uncle Sam on military leave Jerry Houser is back with Production Control. He is receiving congratulations on the birth of a daughter on October 5, named Marcia Elaine by Jerry and his wife, Carole . . . Tommy Webber and family are vacationing in Texas . . . L. D. Strader is looking forward to a South Dakota hunting trip (Brother, it's cold up in them thar hills) . . . Al Fischer is back from his home vacation in Oak Ridge . . . Carolyn Sharpe and her husband, Sam, a horn-tooter in the UT band, week ended in Birmingham, Ala., for the

UT-Alabama grid goings-on . . . Ed Liggett made a week-end visit to Lewisburg, Tenn., recently . . . Best wishes go along with Bobby Tichenor, transferred back to Z Area . . . Get well wishes go to G. T. Bell, O. B. Sharp, W. C. Morrow, C. E. Guinn and A. Neal, on the sick list . . . Likewise to Ray McGinnis, convalescing after recent hospitalization.

Here's a lot of items from the TW Shops . . . A. C. Seals is going hunting for a few days . . . D. A. Davis and R. E. Newcomb are staying at home and loafing (honesty is good for the soul) . . . J. C. Gibbs' plans are real "Confidential" . . . L. Y. Morrow is vacationing in Alabama, visiting relatives and friends . . . P. R. Wilson is up in Ohio, visiting and fishing . . . W. B. Stephens is doing some remodeling at his home . . . O. C. Duck is in North Carolina to hunt, fish, and rest . . . W. L. Beals went to Birmingham to visit his family . . . The flu bug has bitten T. W. Bailey, J. A. Collins and F. O. Fox and get well wishes go to them . . . Also to C. E. Jennings, off with a misery in the back, and to H. R. Mullins and P. A. Fritts, with undisclosed ailments . . . Congratulations to W. B. Stephens, the Proud Pop of the week in the Shops, who welcomed a baby boy into the family recently.

The Beta Four Heavy Machine Shop welcomes S. J. Bracher back to work after his recent appendectomy . . . G. W. Peach has moved into his new home at 204 Butler Road from the previous Butler homesite on Vanderbilt Drive . . . Get well wishes go to L. B. Elkins and also to the daughter of James Settle . . . The welcome mat was out last week for newcomers E. J. Roberts, F. White, W. F. LeComte and R. M. Westcott.

The sandman really has a firm hold on Danny Ray Skeen, born only on October 7 at Baptist Hospital, Knoxville, and still just a



Danny Skeen

l'il feller. His Proud Pop is B. L. Skeen, General Machine Shop, and the youngster weighed nine and one-half pounds on arrival . . . Newcomer T. C. Ray was welcomed in last week . . . Too many folks

on the sick list so rapid recovery wishes go to T. M. Akers in Oak Ridge Hospital; E. L. Pemberton, in Ft. Sanders Presbyterian Hospital, Knoxville; and to A. D. Hickey, J. G. Plummer, B. B. Addison, A. L. Cardwell, B. F. Jones, J. L. Crossno, Jr., C. R. Kenedy, W. S. Helms, W. C. Slagle, C. M. McCarley, J. H. Byrd and W. B. Biddix . . . Russ Hopper, the old Kentucky Wildcat rooster, attended the UK-Auburn game October 10 and then had to go down to Birmingham to visit his daughter for consolation . . . Lucille Pruitt is vacationing for two weeks in Ft. Worth, Tex., to visit her brother . . . S. L. Downing is over in Clover, S.C., for a week . . . Sam Simmons also is off this week working on the new home he is building in Oak Ridge . . . D. Branson took a week off to get used to being a new Pop . . . J. B. Newsome is taking a couple of weeks to rest at home in Oak Ridge . . . Floyd Ludwig did likewise last week in Fountain City . . . Al Johnson rested up last week in Lenoir City.

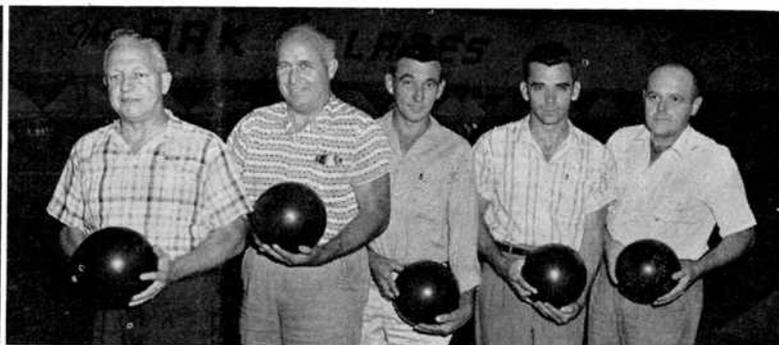
CHEMICAL OPERATIONS

Broadway shows, some fine dining and the bright lights of New York are the vacation attractions for Al Hinton, Beta Two . . . R. K. Barnett is back from a much quieter vacation—just fishing and traveling around the nearby coun-

Continued on Page 4



GETTING A BLAZING START IN THE CLASSIC LEAGUE of Y-12 bowlers are the Eight Balls, at left. From left are Howard Horne, Bob Martin, John Towle, Bob Hagood and Jim Whitten. On the right are the Smelters, another strong con-



tender. From left are H. E. Buckminster, R. H. Shelton, J. D. Collins, Ernie Collins and James G. McArthur. The Eight Balls boosted their league lead last week by blanking the Smelters for four points.

Eight Balls Regain Classic Loop Lead

Rackley Scores 611 Scratch Series Score

The Eight Balls broke that deadlock for first place in the Classic League of Y-12 bowlers last Thursday night at the Ark Lanes by smiting the Smelters for four big points to forge out in front of the procession by two points. The Bumpers, which had waged a game fight to reach the summit and finally got a tie the previous week, tumbled back to third place when they were up-ended for three by the Swingsters. Meanwhile, the Sportsmen climbed to second place by beating the All Stars by three. The Markers advanced several rungs in the standings by whitewashing the Tigers for four and the Has Beens exchanged their spot in the cellar with the Screwballs by the same margin. Three-point triumphs were posted by the Playboys over the Rippers, Rebels over the Cubs and Wolves over the Wasps.

Otis Rackley, Swingsters, topped the 600 mark in scratch series scoring with a sizzling 611 for high of the night, but still was short of the season's record of Clyde Smith's 637 for the Bumpers. Van Williams, Bumpers, rolled a 244 scratch game; Jim Bartholomew, Markers, 258 handicap game; and Joe Smyrl, Playboys, had a 693 handicap game for tops. The Has Beens had best team handicap scores of the night with a 1074 game and 3071 series.

League standings follow:

| Team | W | L |
|-------------|----|----|
| Eight Balls | 20 | 8 |
| Sportsmen | 18 | 10 |
| Bumpers | 17 | 11 |
| Swingsters | 17 | 11 |
| Rippers | 16 | 12 |
| Markers | 16 | 12 |
| Rebels | 15 | 13 |
| All Stars | 14 | 14 |
| Wolves | 14 | 14 |
| Smelters | 13 | 15 |
| Tigers | 13 | 15 |
| Playboys | 12 | 16 |
| Wasps | 11 | 17 |
| Has Beens | 11 | 17 |
| Cubs | 9 | 19 |
| Screwballs | 8 | 20 |

Four Mixed Victors All Blank Losers

All four victorious teams in the Mixed League of Y-12 men and women bowlers last week turned in four-point whitewash triumphs, but the Toppers stole most of the thunder with the majority of the scoring honors. Victors over the shutout route last week were the Scrappers over the Nip and Tucks, Pin Plasters over the Phantoms, Toppers over the Cool Cats and Goofers over the Alley Cats. The first three listed winners were the three top teams in the standings but the Goofers' win pulled them from next to last to a tie for fourth place.

Aided by Nell Jago's individual leadership in all feminine scoring the Toppers posted a 677 scratch game, boosted to 808 with handicap, 2002 scratch and 2395 handicap series. Nell swept the scoring sheet with 194, 224, 544 and 634 marks. On the men's side Charley Green, Scrappers, had a 202 scratch game, increased to 234 with handicap, and a 634 handicap series. Joe Dunlap, Pin Plasters, had the best scratch series of 563.

League standing follows:

| Team | W | L |
|---------------|----|----|
| Scrappers | 17 | 7 |
| Pin Plasters | 16 | 8 |
| Toppers | 15 | 9 |
| Nip and Tucks | 11 | 13 |
| Goofers | 11 | 13 |
| Phantoms | 10 | 14 |
| Alley Cats | 10 | 14 |
| Cool Cats | 6 | 18 |

Basic Pistol Class Planned By ORSA

A basic Pistol Training School will be conducted by the Oak Ridge Sportsmen's Association for anyone more than 18 years old. The course will consist of five classes to be held on Tuesday nights, October 27 and November 3, 10, 17 and 24. The classes will be held at the association building west of the city limits, beginning promptly at 7 p.m.

The course is planned particularly for beginners, both men and women. No previous shooting experience is necessary. Gun safety will be emphasized and enforced at all classes.

Pistols will be available but class members must provide their own .22 calibre standard velocity ammunition. Non-members of the ORSA will be charged \$2 for enrolling in the course, to pay cost of lights, targets and miscellaneous items. ORSA members will not be charged.

Enrollment in the course will be limited to 24 students. Y-12ers wanting more information may obtain it from Carl Brewster, plant phone 7554.

ROADS WORSE THAN WAR

In nearly four years of battle during World War II the United States Marines lost 19,733 men killed and 67,207 wounded. In 1958 traffic accidents in the United States killed 37,000 and crippled 1,300,000 in 1958 alone.

to North or Central Portal, straight day. Joe Howell, plant phone 7421, home phone Knoxville 3-7974.



THIS STRIPED BASS used to live in Norris Lake before falling for a bomber lure at the end of a line, on which the other end was Arnold K. Self, Colex Auxiliary Operations. The striper is entered in the Y-12 Annual Fishing Contest.



ANOTHER FINE LARGEMOUTH bass entered in the Y-12 Annual Fishing Contest is this beauty caught from Norris Lake by James L. Smith, Electrical Engineering. Smith, one of Y-12's most enthusiastic anglers, used a bomber-water dog lure to land the finny victim.

SPs Take Second In C League Race

The oblonging SPs helped the Sunflowers boost their C. League lead another point October 12, the SPs mauling Murderer's Row, the previous second place team, for four points while the loop leaders took three from the Par Busters. Two more shutouts were scored, the Big Five blanking the Hookers and the Knot Heads whitewashing the IBMs. The Chillers took three from the Engineers and the Alley Cats clawed the D Shifters to a two-point tie.

The SPs's Bryan rolled a powerful 588 scratch and 645 handicap series for tops of the night. Fischer, Chillers, had a 212 scratch game and Hamby, D Shift, a 249 handicap game for highs. In team scoring the Sunflowers took most honors with a 952 scratch game, boosted to 1068 with handicap, and a 2600 scratch series. The SPs came through with a 3017 handicap series.

League standing follows:

| Team | W | L |
|----------------|----|----|
| Sunflowers | 21 | 3 |
| SPs | 14 | 10 |
| Murderer's Row | 12 | 12 |
| Alley Cats | 12 | 12 |
| D Shift | 12 | 12 |
| Big Five | 12 | 12 |
| Hookers | 11 | 13 |
| Par Busters | 11 | 13 |
| Engineers | 11 | 13 |
| IBMs | 10 | 14 |
| Knot Heads | 10 | 14 |
| Chilliers | 8 | 16 |

D Shift Sets Three Turkey Shoots

Three turkey shoots have been set by the D Shift of Y-12ers for the fall shooting season when shotgun stylists will fire at targets for high scores to win birds for Thanksgiving and Christmas—and even for Halloween.

The first shoot will be at 10 a.m. at the old Oliver Springs airport on Thursday of next week, October 29. That might provide some Y-12er with a nice Halloween fowl. The next two shoots will be on Wednesday, November 18, and Wednesday December 16. The time and locations of these last two shoots will be announced later.

Top Teams Divide In Hot Bush Race

The Beavers and Balls O'Fire, top two teams in the Bush League of Y-12 pin ploppers, rolled to a two-point-each deadlock October 12, leaving the Beavers with a one-point lead in the standings. The Lucky Five held to their second place tie with the Balls O'Fire, dividing four points with the Hi Balls. Another equal split was rolled by the Alley Gators and Nine Pins.

Meanwhile the Inspectors and Hot Rodders improved their stations by whitewashing the Alley Cats and Rollniks, respectively.

More high scores for the season were posted by the newest Y-12 bowling circuit. Al Bittner, Lucky Five, had a 224 scratch game for tops and tied with E. J. Asbury at 257 for the best handicap game of the season. Jack Forseman, Lucky Five, posted a fine 599 handicap series for tops of the schedule so far but his 662 handicap series was still below the high mark of 681 set by Jack Cox, Hi Balls.

In team scoring the Lucky Five and Hot Rodders shared honors. The former outfit had the best scratch scores of an 862 scratch game and 2438 series. The Hot Rodders' 1056 handicap game and 2959 series were high for the night.

League standing follows:

| Team | W | L |
|---------------|----|----|
| Beavers | 15 | 5 |
| Balls O' Fire | 14 | 6 |
| Lucky Five | 14 | 6 |
| Alley Gators | 10 | 10 |
| Inspectors | 10 | 10 |
| Hi Balls | 9 | 11 |
| Nine Pins | 8 | 12 |
| Alley Cats | 7 | 13 |
| Hot Rodders | 7 | 13 |
| Rollniks | 6 | 14 |

Central Peninsula Deer Tagging Starts

The trapping and tagging of deer on the Central Peninsula Wildlife Management Area now is under way, according to Sam Williams, assistant project leader of the State Game and Fish Commission's deer restoration program. The tagging operations, which began September 15 will continue until the first scheduled hunts. The deer—regardless of size or sex—are being trapped, tagged and released in the same locations where they are caught. Williams pointed out that no deer are being removed from the area. The purpose of these tagging operations is to afford game biologists fairly reliable information of population trends, seasonal movement, and seasonal use of habitat and food supply.

First Half Season On Doves Closing

Wilbert Kennedy, chief of law enforcement for the State Game and Fish Commission, cautions hunters that the first half of the Tennessee dove season, which opened September 1, will close at sunset today, Wednesday, October 21.

The second half of the season will open on December 19 and remain open through January 1.

Watauga Trout Run Is Due Soon

The annual fall spawning run of big rainbow trout that each year crowds the waters of Doe Creek should begin some time after mid-October, according to Price Wilkins, principal trout biologist for the State Game and Fish Commission. These fish, which leave the deep waters of Watauga Lake and move into the Doe Creek tributary, afford fishermen some of the finest trout fishing to be found in the state. Creel census records compiled by the commission reveal that during the spawning run last year 437 of these fish, having an average weight of almost four pounds each, were taken from this small stream. Tennessee's present record rainbow, a 12-pound, 10 ounce lunger, was landed there during last year's run.

Booklet Describes State Wildlife

A new booklet entitled "Tennessee Wildlife" now is being distributed by the Tennessee Game and Fish Commission. The 28-page booklet, printed in two colors, is issued free of charge and may be obtained by writing to the commission, 228 Cordell Hull Building, Nashville, Tenn.

The booklet describes 23 of the state's favorite game species as to their life history, food, enemies and uses. Included is a list of 189 resident and migratory birds. The booklet is a valuable asset to young and old persons alike who are interested in the wildlife of the state.

Table Tennis Play Starts Soon At Den

Table tennis players of Y-12 are invited to participate in tournaments to be held every Monday night at the Wildcat Den, Oak Ridge Turnpike and Robertsville Road. The tournaments are arranged for all Car-bide enthusiasts and play will start at 7:30 o'clock.

The tournaments are scheduled to start either on October 26 or November 9. Y-12ers or other players wanting to enter this competition need not register before playing—just show up at the hall on the nights of play.

Rides Wanted, Offered

Ride wanted from Washington Pike, Smithwood, Fountain City or Norwood sections, Knox County, to any portal, J Shift. D. G. Hughes, plant phone 7-8267, home phone Knoxville MU 7-3981.

Ride wanted from West Haven, Knox County, to North Portal, straight day. W. H. Smith, plant phone 7162, home phone Knoxville 5-2354.

Ride wanted from Purdue Ave., and Principa Lane, Oak Ridge, to North Portal, straight day. L. M. Stockel, plant phone 7689, home phone Oak Ridge 5-0592.

Ride wanted from 142 Parsons Road, Oak Ridge, to Central Portal, straight day. Ronnie Stenglein, plant phone 7-8343, home phone Oak Ridge 5-7166.

Car pool members wanted from Norwood vicinity, Knox County, to Central Portal, straight day. Phone Gay Smith, Knoxville MY 1-5825, after 6 p.m.

Ride wanted from 397 Robertsville Road, Oak Ridge, to Bear Creek Portal, straight day. Betty Ward, plant phone 7928, home phone Oak Ridge 5-5820.

Ride wanted from Pines Trailer Court on Gallaher Road to Central Portal, straight day. Bill Ingle, plant phone 7268, home phone Kingston FR 6-9522.

Ride wanted from Birchwood Road, West Haven, Knox County,

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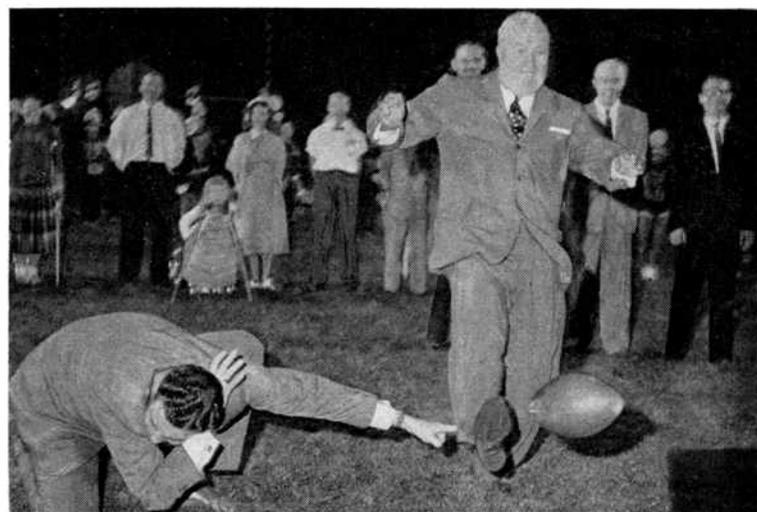
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Generous Y-12ers Supporting Campaign

Continued from Page 1
Foster, ORNL; both told Mitchel late last week that generous responses were being made to the appeal of the Chest-Cross agencies.

Chairman Heckert expects the Y-12 campaign will be virtually wound up by the end of this week. He was confident that the targets of the campaign committee would be met and that the Y-12 Plant's reputation for generous support of the Community Chest's 13 red feather agencies and the 13 services offered by the Red Cross would be upheld.

In addition to Mechanical Operations committee member, Joe Williams, other members of the plant committee are T. C. Trotter, Maintenance; Leo Hemphill, Engineering; Art Hines, Industrial Relations; Harvey T. Kite, Development; Neal Dow, Chemical Operations; H. N. Benninghoff, Shift Superintendents and Utilities; and Clyde Bowles, Technical.



YEA!! THAT'S OUR AL (BISSELL, MAYOR OF OAK RIDGE and a Y-12er in SS Control) putting a foot in the football in simulating the "kick-off" for the Anderson County Community Chest-Red Cross fund-raising campaign. The "kick-off" was performed between the halves of the Oak Ridge-Erwin football game and Campaign Chairman James Wolfe, of Clinton held the ball and ducked at the same time—apparently not trusting the aim of His Honor.

A warm welcome back to work greeting was handed out last week to Fireman **R. E. Lewis**, who has been off sick since last July.

TECHNICAL

Special Projects vows that just because **Ted Newman** and **Grady Bennett** haven't caught THE prize-winning fish in Norris Lake doesn't mean they have given up trying. Seeing as how "he can't take it with him" while keeping company with Uncle Sam, **Larry Rinderer** is keeping company with his new 35 horsepower outboard motor quite a bit lately. The Beta Four group of the department welcomes newcomer **Jim Kennedy**, he's the son of **Ernest Kennedy**, Production Control. **Sam Rea** isn't going to be able to remind pals they haven't any vacations left this year—he's taking his LAST week this week, but didn't say where.

Sun-kissed Miami is the vacation spot for **Lewis Warren**, Production Analysis. **Sherwood Green** vacationed in Kentucky last week.

Radiation Safety is handing out congratulations to **Bill Clark** and wife, Faye, who have every right to be proud of their new nine-pound, four-ounce daughter born October 15 at Baptist Hospital, Knoxville. **Connie Mill** and her husband, **Jack**, of Instrument Engineering, and their two young daughters are vacationing at Fontana, N.C., and at home. **Joe Youngblood** and his spouse, **Pearl**, Quality Control, and baby daughter are Texas vacationers. **Bill Mee** did some carpenter work around his Rockwood home last week while vacationing. **J. M. Patterson** was off last week in an effort to recuperate from his recent long bout with the miseries and expects to be fit and ready to return to work this week. Get well wishes are sent **Mary Anne Wright** and **Doug Kilma**, both on the sick list last week.

Lock 'er up and let's go to press.

Every baseball team could use a man who plays all positions superbly, hits nearly every time at bat and never makes an error—but there's no way to make him put aside his hot dog and come down out of the grandstand.

Y-12ers With 15, 10 Years Company Service

Congratulations to the Y-12 employees listed below who will complete 15 years of Company Service within the next few days. No Y-12 employee will observe a 10th employment anniversary during the coming week.

15 YEARS

- Clarence C. Parson**, Buildings and Grounds, October 23.
- John B. Geasland**, Stores, October 23.
- Lester P. Parrett**, Process Maintenance, October 24.
- Frank A. Thurman**, Enriched Uranium Recovery, October 25.
- Georgia M. Rader**, Material Control, October 26.
- Clifton M. Voekel**, Product Processing, October 27.

Firearm Safety Subject Set For Departmental Meeting

A departmental safety meeting to which all Y-12ers are invited because of the importance and timeliness of the subject to be presented is slated for next Monday morning, October 26. The topic will be "Firearm Safety" with M. C. Wiest, Contract Administration Engineering Department, leading the meeting. The session will be at 11 a.m. in the conference room of the cafeteria.

The subject is considered important because of the current hunting season. A color film, "Trigger Happy Harry" will be shown and all Y-12ers are invited to attend the meeting.

Linde Making Big Trailers To Haul Oxygen For AF

Linde Company, Division of Union Carbide Corporation, recently delivered to the Air Force the first of 34 liquid oxygen semitrailers of 4,000 gallon capacity. Designed to Air Force specifications, the trailers will be used for transporting large quantities of liquid oxygen and for fueling the latest missiles.

Linde's Speedway, Ind., factory will deliver the remaining 33 semitrailers by April, 1960. Prior to this contract, production of liquefied gas containers at this factory had been limited to sizes up to 50 gallons capacity. The size of the 4,000 gallon semitrailers made it necessary to set up a separate production line which covered over 12,000 square feet of factory space.

The trailer-mounted tanks are constructed of a carbon steel outer shell and a stainless steel inner shell. In the space between the two containers, a high vacuum is drawn and insulation is added to minimize evaporation losses.

'Petrified River' Awarded Another Film First Prize

"The Petrified River," the Union Carbide Corporation moving picture of uranium mining and processing activities on the Colorado Plateau, has won another award. The Salerno, Italy, Film Festival awarded the film first prize in the scientific-educational category.

The film, which has been seen by many Y-12ers, was entered by the United States Information Agency. The picture has been distributed to more than 80 countries and in 18 different language versions.



Dr. C. E. Larson

Dr. C. E. Larson Gets Vital UCC Research Post

Dr. Clarence E. Larson, former Y-12 Plant Superintendent, has been appointed Associated Manager-Research, of Union Carbide Corporation, according to a recent announcement from UCC headquarters in New York City.

Dr. Larson was appointed Y-12 Plant Superintendent on February 10, 1948, succeeding C. N. Rucker, Jr., who was the first Y-12 Plant Superintendent under Carbide. Dr. Larson was advanced from the post of Director of the Research and Development Division. Dr. Larson joined Y-12 on July 1, 1943. He is a graduate of the University of Minnesota and obtained his Ph.D. Degree in chemistry from the University of California in 1937.

After leaving Y-12, former Superintendent Rucker was assigned to the Oak Ridge National Laboratory as Director. Then on January 18, 1950, Dr. Larson replaced Mr. Rucker as ORNL Director and W. D. Lavers became Y-12 Plant Superintendent.

Later Dr. Larson was transferred to the National Carbon Company, another Division of Union Carbide Corporation. He was placed in charge of research for that Company in 1955.

Dr. Raymond McNamee has taken charge of the research administration and basic research operations of UCC. He joined the Corporation in 1933 and has been Manager of Research Administration since 1953.

Speeding is the main fault of teenage drivers in accidents, National Safety Council records show.



Continued from Page 2
tryside. Get well wishes are sent to **Joann Baker**, recuperating from a tonsillectomy.

Colex Operations friends of **F. R. Castleberry** extend their sympathy on the recent death of his mother. **Barbara Guettner** reports a fine time on a shopping spree over a recent week end in Atlanta, Ga. **Vic Defenderfer** is off for Florida (Avenue, that is) again to do some remodeling work on his house. Rapid recovery wishes are rushed to **A. W. Sharp**, on the sick list and a "hurry-back" to **G. R. Guinn**, in Oak Ridge Hospital for a check-up.

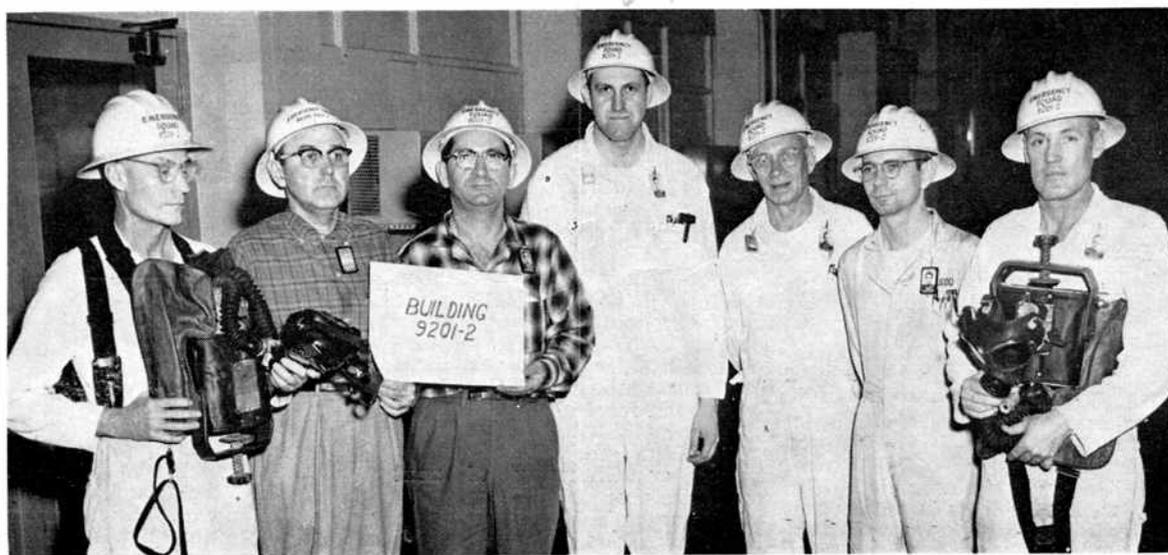
ENGINEERING

Civil and Architectural Engineering reports **R. C. Alley** has taken off by automobile for Ft. Sill, Okla., to visit his two sons who are doing their bit for Uncle Sam—the Y-12er said he hoped to make the trip from Oak Ridge to Ft. Sill in two days—and pals hope he doesn't land high in an Arkansas pine tree. **George Couch** is believed to be working on his home in Oak Ridge. **Shorty Lawson** can be found at home in Knoxville attending to some chores. **William Rice**, **Craig Ross** and **Gus Angele** are taking a course in weather forecasting in hopes of outguessing the professional weathermen as to boating prospects next summer. The aforesaid **Gus Angele** is a conscientious gent—he went to Washington on a recent Sunday to attend a technical meeting and despite the fact that the Washington Redskins and Pittsburgh Steelers were cavorting at Griffith Stadium "press of committee business" kept him at the meeting—HE says.

Mechanical Engineering's autumn vacationers this week are **Lettie Ault**, visiting over in Nashville; and **Leo Brown**, devoting the week to entertaining his father-in-law, from Kansas. The **Wilbur Allins** were visited over the past week end by his father from Lakeland, Fla., and Wilbur's mother, who has been a guest for the past week, returned home with her husband. **Eleanor Bennett** and her son, **Randy**, were on top of the Smokies last Saturday drinking in the colors. The MEs were represented at the big ball game in Birmingham last Saturday by **Spence Ferguson** and **Ray Huddleston**. Rumors have it that **Leon Sealf** is being seen a great deal recently with his Opel (let the Colyum Conductor hasten to point out that Opel is an automobile and not a gal) and admits getting around on 32.7 miles per gallon. Fishermen **Carl Green** and son, **Lannie**, have been out on the lake again and this time their party brought in 51 beauties. **Jack Anderson** says a nice addition to any firm's fringe benefits would be serving breakfast to newlyweds—mebbe so!

INDUSTRIAL RELATIONS

From the Boys in Blue and Gray of the Fire and Guard Departments comes word that Guard Chief **Miles Bradford** and his missus are vacationing for a couple of weeks with stops in New Orleans and Ft. Lauderdale, Fla.



FULLY EQUIPPED TO COPE WITH EMERGENCIES is this Local Emergency Squad for Bldg. 9201-2. This "First Line of Defense" group, from left are L. A. Slover, Local Emergency Director W. F. Vaughn, F. A. DiCarlo, J. R. Ownby, R. J. Sigler, Co-Local Emergency Squad Director C. L. Viar and W. H. Dodson. Squad members absent when the picture was made are V. O. Messenger and D. E. Rosson.