



DR. F. W. HURD, DIRECTOR OF RESEARCH for Union Carbide Nuclear Company, mans a bulldozer that soon will start leveling an area for the new Union Carbide Corporation nuclear research center at Sterling Forest, N. Y.

CONVENIENT THURSDAY PAY CHECK DELIVERY IS BEING UTILIZED

Non-exempt hourly and salaried Y-12ers are utilizing the convenience of receiving pay checks on Thursday afternoons. The pay checks are available with a minimum of delay on Thursday afternoons at regular pay points by employees on shifts beginning work in the afternoon and on leaving the plant by shift workers concluding their work in the afternoon. Straight day employees may pick up their checks on leaving the plant.

Award For Safety Given Pine Creek 1,500 Feet Down

A location 1,500 feet deep underground is a rather odd spot to receive a safety award, but that's what happened recently to the employees of Union Carbide Nuclear Company's Pine Creek mine.

The Award of Merit plaque, based upon outstanding safety performance during the 1955-56 period, was presented by the National Safety Council. The ceremonies took place during a regular weekly safety meeting held at the mine's 9,400-foot level.

The Pine Creek mine and mill, located high in the California Sierras, is one of the world's largest tungsten installations. Here Company employees work higher—the open pits are more than two miles above sea level—than any other Union Carbide employees. Yet, at the same time, they work deeper—the mine burrows 12,000 feet into the earth.

Hot Dog Feast By A Shift Set Tomorrow At Concord

Y-12ers on the A Shift and members of their families will munch luscious hot dogs tomorrow night, Thursday, August 15, at Concord Park, with the dining beginning at 7 o'clock at the picnic area at the top of the hill overlooking the lake. A contribution to the shift recreation fund of 25 cents is the only admission cost.

Three Y-12ers Send Trainees To CAP Camp

Seven young men and women from the Oak Ridge Squadron, Civil Air Patrol, are attending the 1957 Civil Air Patrol summer encampment, being held at Sewart Air Force Base in Smyrna, Tenn.

Three of the seven have parents who are employees of Y-12. They are Cadet Jimmy Arrington, son of Jim Arrington, of the Chemical Department; Cadet First Lieut. Rebecca Pugh, daughter of Fred Pugh, of the General Machine Shop; and Cadet First Lieut. Elizabeth Sewell, daughter of John Sewell, of A Mechanical Operations.

Others From ORNL, K-25

The other participants, Cadet First Lieut. Mary Helen Battle, Cadet Pfc. Marion Hudson, Cadet Ronnie Muenzer and Cadet Sgt. Owen Haddock, have parents either at Oak Ridge National Laboratory or at the K-25 Plant.

The cadets will have 11 days to stay at Sewart AFB where they will have changes to see at first hand the many facets of our present day Air Force in action. While there, the cadets will receive academic and vocational training in many basic phases of aviation. Orientation flights in various Air Force planes will be provided, where possible.

Volunteer For Course

As junior members of CAP, the official civilian auxiliary of the U. S. Air Force, the cadets voluntarily subscribe to a three-year aviation education training course, of which the encampment is one phase.

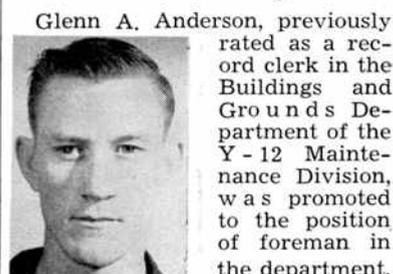
SAFETY SCOREBOARD

The Y-12 Plant Has Operated
60 Days Or
1,736,720 Man-Hours
(Unofficial Estimate)
Without A Disabling Injury
Through August 11
Phone 7755
For Daily Report
On Accident-Free Hours



HEADQUARTERS BUILDING for Union Carbide Corporation will be this 52-story glass and stainless steel building in New York City. More pictures on UCC expansion will be published in the near future.

G. A. Anderson Promoted To Foreman On August 1



Glenn A. Anderson, previously rated as a record clerk in the Buildings and Grounds Department of the Y-12 Maintenance Division, was promoted to the position of foreman in the department, effective on August 1. The new foreman has been a Y-12er since August 3, 1953, when he was employed.

Born on February 5, 1932, in Lenoir City, Anderson graduated from high school in that community.

Signs of Company Growth... \$170,000,000 To Be Spent By UCC For New Construction During 1957

Union Carbide Nuclear Company Is Included In Many New Facilities For Corporation

Chattering drills bite into a granite mountain in New York State to make room for a research reactor building; a foundation is poured for a sales office in Oklahoma; steel framework is raised into place for a general offices and laboratory building in Colorado; and a deed is signed for 90 acres for a warehouse in Illinois.

These widely scattered events during the past few months are all evidences of the Union Carbide Corporation's expanding construction program.

Union Carbide, which has spent more than \$1.1 billion for construction since World War II, will spend an estimated \$170,000,000 for new plants, offices, warehouses and laboratories in 1957.

New Laboratories Located Near New York

A group of the new laboratories will be located in scientific parks near New York City. One, the Union Carbide Research Institute at Eastview, N. Y., will house scientists who will work on fundamental research. In the same 300-acre park the Corporation is building a four-story data processing and office building, and the Technical Service Laboratory where customer problems will be tackled by Union Carbide Chemicals Company scientists and engineers.

A nuclear research center, the other new laboratory, is under construction in Sterling Forest, N. Y., about 40 miles north of New York City. A "swimming pool" reactor will be housed there in a building nestled into a niche in the granite mountain. Nearby will be a materials laboratory and an ores and engineering building.

Both scientific parks have an opening date of late 1958 or early 1959. They are two of the more dramatic projects under construction. But there are more office and warehouse buildings going up all over the country.

UCNC Getting New Buildings In Colorado

An expansion program for Union Carbide Nuclear Company has been started on the outskirts of Grand Junction, Col. This development consists of a new office building and a laboratory to assess ores. Completion date is set for early 1958.

Tulsa, Okla., will have another modern, single-story office building late this fall. This will be home base for regional salesmen of Linde Company and Union Carbide Chemicals Company.

A 200,000 to 300,000 square-foot warehouse will rise on part of 90 acres recently purchased in the Village of Alsip, overlooking Sag Harbor, near Chicago. All Divisions of Union Carbide will use the warehouse to receive, store, package and ship their products.

New UCC Office Building 52 Stories High

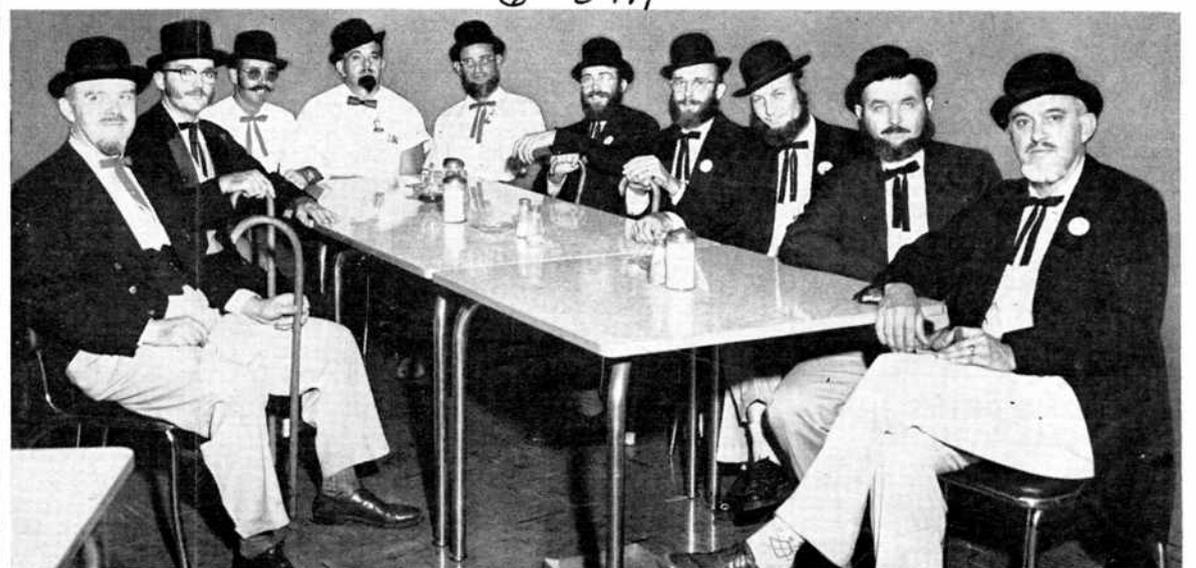
The biggest Union Carbide office building of them all is being built at 270 Park Ave., New York City. Moving date for the New York offices into the handsome 52-story building should be early 1960.

To meet the demand for its products, Union Carbide is building—or plans to build—many new plants.

Blueprints are already drawn for an ore preparation plant at Warwick, Va. Here manganese and chromium ores from all parts of the world will be sorted at the rate of 30,000 tons a month. Ground will be broken for this new plant early next fall.

Another mineral, titanium, will be processed in a mill soon to be

Continued on Page 4



LOYAL LENOIR CITY RESIDENTS this week are celebrating the little community's Golden Jubilee with all of the male citizens pledged to join the "Brothers of the Brush" and not to shave until the event is over. Shown above are seven Y-12ers, one Oak Ridge National Laboratory man, and two Ferguson-Hagaman Co. employees who have grown fantastic facial shrubbery, donned frock coats and derby hats, in observance of the celebration. From left, around the table, are W. G. Shaw, General Machine Shop; Ray Evans, ORNL; C. J. Allmon, Salvage; J. T. Firestone, General Machine Shop; L. M. Anthony, Buildings and Grounds; R. L. Luttrell, General Machine Shop; R. W. Sweeney, Mechanical Inspection; J. W. Rankin, Jr., General Utilities; and J. D. Tison and G. N. Nutter, of the Ferguson-Hagaman Co. The Golden Jubilee is featured by a nightly performance of a pageant, "Legend of Lenoir," a four-mile-long parade, an address by Gov. Frank Clement and other events.

The Bulletin

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

GEORGE W. DOBBS . . . Editor

OFFICE

Post Office Box Y
Oak Ridge, Tenn.
Bldg. 9704-2 Room 228
Telephone 7751



Around and around we go—and where we stop, nobody knows—but we'll START with the Chemical Division so that them as was last last week will be first this week.

CHEMICAL

Product Processing welcomes a newcomer to Oak Ridge and Y-12—one **Bob Magor** from Long Island, N. Y.

The Chemical Department has vacationers all around Tennessee and other attractive spots—including **J. A. Lowry** at Daytona Beach and **E. C. Cox** somewhere else in Florida . . . **A. C. Wright** is touring the entire Southeastern section of the country . . . **W. M. Eads** headed for Canada and will return to Bristol, Tenn., for a spell . . . **H. A. Reed** and family also are covering ground to Gatlinburg, Asheville, N. C., Pineville and Cumberland Falls, Ky., and Powell Valley, Tenn. . . . **A. C. Lee** is visiting his mother in Monroe County . . . **B. I. V. Bailey** is camping out at Abrams Creek . . . **O. D. Sanders** is content with a rest at Norris.

FINANCE AND MATERIALS

C. C. Wilson, Stores; and his brother, **G. G. Wilson**, Mechanical Department of the Maintenance Division, helped their parents, Mr. and Mrs. D. R. Wilson, of Oliver Springs, observe their Golden Wedding Anniversary on July 28 with an open house.

The Mail Room sends get well wishes to **J. E. Kimblen**.

W. H. Hoose, SS Control, and his missus are visiting in New York State.

Tabulating Services tells that **Virgil Martin** and his wife, Polly, camped at Cade's Cove over a recent week end. **Julia Presnell** is vacationing in Marietta and Atlanta, Ga. . . . **Elizabeth Wilson** attended the Wesleyan Service Guild Conference recently at Bristol, Va. . . . **Mildred Kasten's** parents, Mr. and Mrs. Arthur Kasten, of Jackson, Mo., are visiting her and her brother, Paul, of Oak Ridge National Laboratory, this week.

Materials sends get well wishes to **Dot Tompkins**, ill in Ft. Sanders Presbyterian Hospital in Knoxville . . . **E. H. Hutson** and family are touring Florida . . . **J. R. Bayless** and family are in Macon, Ga., for a week . . . **Anne Fitzgerald** is staying at home in Knoxville.

ALLOY

S. R. Brown, Alpha Five Cascade Operations, took in some ball games while in Cincinnati recently . . . Another chap seeing the Redlegs play on a sidetrip from Somerset, Ky., where he is vacationing, is **N. L. Dykes** . . . **Brad Napier** is visiting in Dayton, Ohio, and Indianapolis, Ind. . . . **C. E. Miller** is doing some fishing around Cleveland, Ohio . . . **F. Lambdin** is welcomed back to the department after a two-year hitch with Uncle Sam.

Gaines Aldridge, Alpha Four Cascade, is 'way out in Los Angeles and Medera, Cal.

TECHNICAL

Mechanical Inspection is congratulating **Paul Long** on becoming a member of the Proud Pop's Club—qualifying when David Paul Long arrived at Oak Ridge Hospital August 2 weighing seven pounds, six ounces.

Special Projects gave a "birthday cake" of many pieces to **Dick Wyrick**—the birthday boy of the month . . . The department hopes **Bobby Bagwell's** mother soon will recover from her recent illness.

The Metallurgical Development group of Development Operations congratulates **J. M. Turley** and Mrs. T. on the birth of a son, William Dean, on August 4 . . . Rapid recovery wishes are sent to **Charles Carson** . . . The Analytical Development outfit reports **Jim Henry**, his wife and baby are back from a visit to his parents and

other kin folks at Winter Park, Fla.

Lieutenant **Sewell Brown**, Health Physics, is back from vacation . . . **Merwyn Sanders** is on his second week of military training and reported bearing up well . . . **J. P. McMillin** and family are vacationing at his home in Lexington, Ky.

Process Engineering was full of advice last week for **Max Kirtland**, who was scheduled to be married Sunday, August 11, at Decatur, Ill., to Miss Carolyn Crosno, a student nurse at Ft. Sanders Presbyterian Hospital in Knoxville—accompanying the advice with lots and lots of good wishes . . . **Cary Morgan** is basking at Indian Rocks, Fla. . . . **Bill Pokela** is visiting relatives in Fitchburg, Miss.

Project Engineering is sending get well wishes to **H. F. Akin**, in Oak Ridge Hospital.

The latest from Piping and Civil Engineering is that **Pete Blackmon** and family are in Treasure Island, Fla., for a couple of weeks.

From the Architectural section comes word that **Bob Hopkins** and his better half are in Daytona Beach, **Bob Morris** is relaxing at home in Knoxville and that **M. C. Allgood** is visiting his folks in Birmingham.

Industrial Engineering is operating this week without the services of **J. P. Lawless**, in St. Petersburg, Fla., and **W. A. Kirk**, bulling up the stock market in New York.

The **Russ Hensleys**, Instrumentation and Mechanical Engineering, are cruising to Chattanooga . . . Flowers and get well wishes to **Jack Blackerby**, Mechanical Engineering co-op student, who underwent an appendectomy at Oak Ridge Hospital recently.

M. B. "Wimpy" Hilton was host at the annual Mechanical Engineering barbecue and hamburger guzzling at his home, Hiltonshire, August 3—everybody had a fine time with the exception of a few lost children and other minor inconveniences—more on this next week, we hope, with pictures, yet . . . No questions asked—yet—of **P. F. Boyer**, who ventured out on Norris Lake in search of some denizens of the deep . . . **Leo Hemphill** has two of his youngsters enjoying a visit with his folks in Chicago.

Production Analysis has folks scampering around—**Tom Barton** plans to camp in the mountains this week . . . **Wallace Carden** and family are visiting in Iowa . . . **Ozella Ward** is seeing Canada and New York . . . Week end trips were made recently by **Louis Warren** to Morristown and **Billie Britton** to Tellico Plains . . . **Ruby Viator** had her parents from Williamsburg, Ky., as week-end visitors.

B Shift in Production Assay reports **Edith Barger** and family sightseeing in Washington, D. C., and New York . . . **Nell Mercer** and her husband, **Bob**, of the Chemical Department, moved into their new home at Karns last week but rested up by week ending in Rogersville and Chattanooga . . . **Mattie Anderson** went to Virginia to see her parents . . . **Annie Robinson** and her husband, Ed, visited relatives in Atlanta during time off . . . **Dick Bell** and family were Morristown visitors over the past week end . . . The A Shift aggregation says **Mona Rollins** and family are planning to vacation in Parkersburg, W. Va., and Akron, Ohio . . . **Rassie Condrey** and family are traveling out to Kansas City, Kan. . . . **Troy Martin** is at home in Clinton for a week . . . **Glen Curtis** and his wife report they now know how to water ski . . . In C Shift it is a welcome back from Georgia to **Charles Settles** . . . **Chlogene Brown** had company from Virginia and **Sammie Mattingly** entertained guests from Virginia and Kentucky recently.

Allin Davis, Special Testing, is vacationing in Daytona Beach . . . The "samplers" were guests at a hamburger fry at the home of



Mrs. William S. Brooks

Helen Clark recently . . . Everybody is gathering around to congratulate **Margaret Brooks** over her new ring—no green stamp jewelry there.

MAINTENANCE

Maintenance Planning has **W. K. Russell** and family as delegates to Miami Beach . . . **L. "Buck" Davis** is closer to headquarters—at home in Norwood taking it easy.

Vacationers abound in Electrical Maintenance—mostly close around . . . **W. W. Wright** is in Norwood, **W. S. Caruthers** with relatives in East Tennessee, **J. C. Rogers** with North Carolina kin folks, **M. S. Powell** at Sweetwater, and **R. L. Jennings** at home in Oak Ridge . . . **H. T. Christie** is taking his rest (?) period at home rocking his new eight and one-half pound son.

The Bldg. 9206 group of Process Maintenance enjoyed a picnic last Saturday with 35 folks enjoying good food, horseshoe pitching, badminton and softball . . . **R. E. Wallace** is welcomed back after an illness of several weeks . . . **T. E. Anderson** is sent get well wishes . . . Fellow workers are sorry to hear that **A. A. Woods** lost his home and furnishings in a fire at Caryville last week . . . **C. A. Pickens** attended the wedding of his son in New Orleans, August 4 . . . **R. F. Noah** and **J. W. Webb** are vacationing in Daytona Beach . . . **F. W. Williams** is fishing on Norris Lake and plans a trip to Birmingham . . . **V. P. Maddron** went to Detroit . . . **J. B. Johnson** is visiting relatives in Nebraska . . . **R. A. Hubbard** is doing likewise in Mississippi . . . **R. Kirby** is touring the coasts of Louisiana, Mississippi and Florida . . . **J. D. Hatmaker** is hurrying through Ohio, Michigan and Canada.

SHIFT SUPERINTENDENTS AND GENERAL UTILITIES

The **Dan'l H. Raders**, he's Plant Shift Superintendent, are back from a vacation in West Virginia . . . **Steve Porter** is vacationing at home in Oak Ridge—house painting . . . **Jean Granstaff** hiked to Mt. LeConte last week end . . . **Ada Hopkins** entertained her sister from Wyandotte, Mich., recently with a stay at the Mountain View Hotel at Gatlinburg.

General Utilities sends get well wishes to **A. C. Wampler**, ill in St. Mary's Hospital, Knoxville.

MECHANICAL OPERATIONS

John McGhee, F Mechanical Operations, is spending his vacation in a church assembly and expects to make a short trip to Dayton, Ohio . . . **H. D. Keylon** is over at Middtown practicing his mayoring . . . **K. E. Nuchols** is at Clinton and **W. W. Raper** in Oak Ridge, taking it easy . . . **J. C. Pickell** is doing a couple of weeks training with the fly boys branch of the National Guard at Chanute Field, Ill. . . . Get well wishes are sent **Ardell Neal** at Oak Ridge Hospital . . . Newcomers **J. H. Ramsey** and **D. M. Finger** are welcomed to the department.

C Mechanical Operations welcomes **R. E. Watkins**, **L. M. Bray** and **L. Y. Morrow** back to the department . . . **C. P. McGhee** is back from enjoying three weeks at Florida beaches . . . **LeRoy Nabors**
Continued on Page 4



BROOKS-WALKER

Following their marriage July 20 at Eutaw, Ala., William Sidney Brooks, of the Y-12 Maintenance Planning Department, and his bride, the former Miss Nancy Walker, are at home in Knoxville. The bride is a student at the University of Tennessee.

The bride is the daughter of Mr. and Mrs. Bland Walker, of Eutaw. Parents of the groom are Mr. and Mrs. Roland M. Brooks, of Tuscaloosa, Ala.

The marriage vows were read by the Revs. Will Ormond and George Abrams at a 5 p.m. ceremony. The bride was given in marriage by her father and during the ceremony music was presented by Larry Bowman, vocalist; and Mrs. Joe S. Morris, organist. The wedding was solemnized in the Eutaw Baptist Church.

For her wedding the bride wore a white embroidered Swiss organdy fashioned with a three-tiered skirt of waltz length. Her veil was held by a pearl tiara and she carried a white prayer book topped with a white orchid.

Miss Ruth Brooks, sister of the bridegroom, was maid of honor. Mrs. Jack Minus was matron of honor and Miss Sarah Chambers was bridesmaid with the junior bridesmaid being Miss Susan McCarn.

James Woodward was best man and ushers were Lew Lauria, of Oak Ridge, Don and Ned Ruggles and Bland Walker, Jr.

Following the wedding a reception was held on the lawn of the home of the bride's parents. The couple honeymooned at Gatlinburg, Tenn., before returning to Knoxville.

THOMPSON-JENNINGS

Of interest to the many Y-12 friends of the couple was the wedding in Knoxville on July 26 of Miss Mary Jennings of Tabulating Services; and James E. Thompson, Jr., of Alpha Five Cascade Operations.

Following a honeymoon trip to Key West, Fla., the couple is at home in Lenoir City.



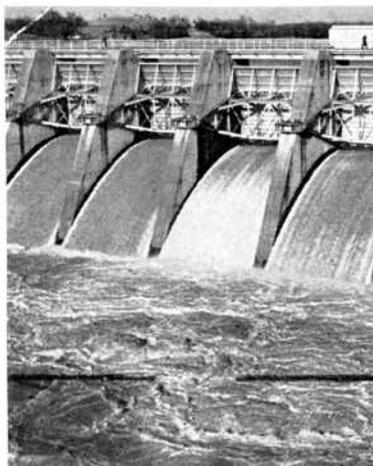
Get well wishes are sent to the following Y-12 employees who were patients last week in the Oak Ridge Hospital:

T. R. Smith, Guard; **J. D. Mathes**, Fire; **H. F. Akin**, Project Engineering; **H. C. McBirney**, Mechanical Operations Division; **Ardell Neal**, F Mechanical Operations; **W. C. Crowe**, F. C. Wheeler, W. L. Scruggs and **B. F. Jones**, General Machine Shop; **A. D. Marlow**, Stores; **F. L. Rigney**, C. E. Harness and **V. A. Stanley**, Mechanical; **Perry Suber** and **W. B. Eisenhower**, Buildings and Grounds; **F. A. Wells**, Product Processing; **L. C. Manley**, Janitors.

TVA Man Will Be Speaker At Last Symposium Meet

Wilson R. Cooper of the Tennessee Valley Authority nuclear division, will speak tomorrow night, Thursday, August 15 at the third and final meeting of the symposium on power reactors sponsored by the Oak Ridge-Knoxville Section of the American Institute of Chemical Engineers. The meeting will be at 8 o'clock in the Green Room of the Ridge Recreation Hall. Cooper's subject will be an analysis of proposed power reactors.

The greatest competition to weight-reducing salons is the price of food.



COOL, COOL WATER always is good news in the summer and is featured in both of the prize-winning prints in the Y-12 Weekly Photographic Contest for the week ending August 9. At top, C. G. Brewster, Medical, takes first place with a picture of his son, Bradford, 3, enjoying himself with a playmate in a front-yard pool. Second place goes to Roscoe E. Barringer, Development Operations, with his excellent snapshot of water pouring through the Ft. Loudoun Dam spillways.

Accountants Set Picnic Saturday; Name Is Changed

The annual picnic of the Knoxville-Oak Ridge Chapter of the National Association of Accountants will be held at 6:30 o'clock Saturday night of this week, August 17, at the Whittle Springs Pool in North Knoxville. The pool is two blocks east of Broadway, opposite the old Whittle Springs Hotel, now a radio station. Lifeguards will be on hand for swimming and games, including bingo, will be arranged for all present. Barbecue, desserts and soft drinks will be served.

The national association has dropped the name of "cost" from its title as the organization has broadened its field of activities to include other phases of accounting besides costs.

APPETIZING DISHES ON SPECIAL LUNCHES

Patrons of the 50-cent Special Lunches at the Y-12 Cafeteria can look forward with pleasure to the main dishes selected for tomorrow, Thursday, August 14, and next Tuesday, August 20. For tomorrow's Special Lunch the entree will be American chop suey with steamed rice. Next Tuesday creamed turkey on hot biscuits will be featured. Each Special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

Reactors Romp On Rebs, 5-0

First Half Winners Take Lead In League

The Reactors rocked the Rebels for a 5-to-0 victory last week in the Y-12 Plant Softball League to take over the lead in the circuit as Chandler hurled a one-hitter at the Rebs. The Reactors won the first half of the season crown but last week was the first time they had been on top in the final half of play.

Triple By Pitts Big Blow

After four scoreless innings in a mound battle between Chandler and Ed Sise, the Reactors broke loose in the top of the fifth with four runs, greatly aided by a bases loaded triple by Pitts, who banged three safeties out of four trips to the dish. Chandler whiffed eight Rebels while Sise struck out six.

The Reactors' other victory last week was a 16-to-3 triumph over the Screwballs. The winners banged out 13 hits and took advantage of five opposition errors and 10 bases on balls, scoring in every one of the five innings the fracas lasted.

Bombers Rally To Win

The Screwballs put up a terrific fight against the B Bombers before falling to a 12-to-11 defeat in a final inning splurge by the Bombers. The losers tallied nine runs in the first inning but the Bombers kept belting Belton's offerings and rallied for three runs in their last time at bat.

The Bombers picked up another win with a forfeit win over the Wildcats.

Cubs Curb Birds Twice

The Cubs handled the Early Birds a pair of crushing defeats last Saturday morning, winning the first by 26 to 3 and the second by 13 to 2. Carter and Fitzgerald homered for the winners in the opener while Rhea and Helms led the losers with the willow.

League standing and line scores follow:

LEAGUE STANDING			
Team	W	L	
Reactors	8	2	
Cubs	5	1	
Rebels	4	1	
B Bombers	3	4	
Wildcats	1	5	
Early Birds	1	3	
Screwballs	1	7	

LINE SCORES				
Team	R	H	E	
Reactors	000	040	1-5	8 2
Rebels	000	000	0-0	1 2
Batteries: Reactors, Chandler and Wilburn. Rebels, Sise and J. Collins.				

Reactors	123	55x	x-16	13	2
Screwballs	002	10x	x-3	6	5
Batteries: Reactors, Low and Smith. Screwballs, Belton and Furlong.					

Screwballs	911	00x	x-11	7	5
B Bombers	112	53x	x-12	6	4
Batteries: Screwballs, Belton and Goodwin. B Bombers, Hatmaker and Hardin.					

Early Birds	100	2xx	x-3	5	4
Cubs	1017	8xx	x-26	19	0
Batteries: Early Birds, Bullard and Rhea. Cubs, Hill and Myers.					

Early Birds	200	00x	x-2	4	4
Cubs	032	8xx	x-13	7	0
Batteries: Early Birds, Helms, Bullard and Rhea. Cubs, Crubs and A. Smith.					

L. White-Campbell Top Mixed Doubles

There was plenty of action in the Y-12 Tennis Ladders last week with six matches being played, four in the men's doubles and two in mixed doubles. In the mixed play the team of Lorraine White and Campbell took over first place by defeating Mary Cusman and Ballenger in a three-set affair, 6-4, 3-6, 6-3, after the Cusman-Ballenger duo previously had repulsed the challenge of Helen Gombita-Laggis, 6-1, 6-0.

Caudill-Stephens advanced to third place in the men's doubles by beating Perry-Laggis 4-6, 6-3, 6-1. Fischer-Horton won over Kuhn-Harper 6-1, 6-3 to advance to the No. 7 rung. Hackett-Ballenger repelled the challenge of Nicely-Gregory 6-1, 6-1 and held second place. Nicely-Gregory held on to the fourth spot by turning back Perry-Laggis 6-1, 1-6, 6-4.

The men's doubles standings as



BREAM ARE AMONG the tiniest of fishes, but they are game little rascals and fun to catch. Jimmy G. O'Kain, Electrical Engineering, landed this little scrapper from Norris Lake with a spinner and worms and it will be hard to beat in the Y-12 Annual Fishing Contest.

Dorr Wins First Flight In Tourney; Others In Finals

Carl Dorr, an outstanding Y-12 golfer for several years and Southern Appalachian champion, won the First Flight in the tournament being held for members of the Oak Ridge Golf League for Y-12ers with a stirring over-time win over Art Hines that required 11 holes to settle.

Finals also were reached in the other four flights of the competition which are expected to be completed well before the deadline of Sunday, August 18. The winners in each flight receive eight golf balls as an award with the runners-up getting four.

First Flight Matches Close

In the First Flight play all matches were close. Dorr drew a bye in the first round, then trounced Paddy Peckman by one up before meeting Hines. In the lower bracket Arnold Tiller beat Jack Spears one up in 10 holes and Hines defeated Frank Gambill two up. In the semi-finals Hines beat Tiller by one up to enter the finals.

In the Second Flight Dan Stroud and Bob Orrison will meet for the crown. The former won over I. G. Speas and C. E. Harris, each by one up. Orrison beat George Mitchel one up at the 10th hole and then beat John Boyd, winner over Jim Bartholomew by two up, by a similar score.

Other Finalists Named

George Oliphant and Nelson Tibbatts will clash for the Third Flight title. Oliphant beat John Snyder by two and one and Tibbatts licked Smith by the same score. Cabe and Peterson are the finalists in the Fourth Flight, winning over McLendon and Ratjen to reach the last round. Roy Roberts and Rudy Pletz, partners in league play, will clash for the championship of the Fifth Flight. Roberts advanced with a victory over DeHoney and Pletz by defeating Bill Ebert in the semi-finals.

of last Friday morning was (1) Campbell-Thomson; (2) Hackett-Ballenger; (3) Caudill-Stephens; (4) Nicely-Gregory; (5) Perry-Laggis; (6) Henry-Sheehan; (7) Fischer-Horton; (8) Kuhn-Harper. In the mixed doubles it was (1) L. White-Campbell; (2) Mary Cusman-Ballenger; (3) Gombita-Laggis; (4) Helen Brown-Everitt; (5) Mildred White-Kuhn; (6) Nell McGinnis-Harper.

The best time for a man's ship to come in is before he is too old to navigate.

Fifth And Last Y-12 Golf Tournament Set Saturday; All-Carbide Tee Party To Be Played In September

Deane Hills Selected For Plant Contest

The fifth and final Y-12 golf tournament of the season will be staged on Saturday morning of this week, August 17, at the sporty Deane Hills Golf and Country Club course over near Knoxville. Another big entry list is expected to turn out for this last competition of the season seeking some of the 36 prizes of various numbers of golf balls to be awarded leaders in four divisions of play.

Tee Off Time is 7 A.M.

Tee off time for the tournament will be at 7 a.m. with all players to be underway not later than 9 a.m. The Y-12 contestants are asked not to play more than 18 holes and the green fee is \$3 per player.

A new arrangement of players by divisions will be used in this tournament to insure a more even distribution of awards. Placement in divisions will be based on handicaps. As a result, many entrants will not know exactly what division they are in before the tournament is over. Handicaps will be given out by the official scorer on the morning of the tournament.

How Prizes Are Awarded

Awards are to be made to the players in each division with the first four low scratch and handicap scores and for the most pars for 18 holes.

Marksmen Continue Parade Of Victories

With two-thirds of the season gone, the Marksmen team in the Y-12 Pistol League continued their victory parade by taking two more points, this time sinking the Sharpshooters with their accurate fire. The Marksmen have only lost one point all season and is the only team that has not lost more points than it has won.

The Marksmen turned in a 264 to 254 scratch and 290.024 to 287.235 win over the Sharpshooters. In the other match the Masters split with the Experts, winning 240 to 233 scratch but seeing the Experts turn in a 287.478 to 285.660 handicap win.

Two Marksmen members took high honors, T. J. Bush firing 264 scratch and C. G. Brewster 290.024 handicap.

The league will fire again tonight, Wednesday, August 14.

Team	W	L
Marksmen	19	1
Masters	9	11
Sharpshooters	7	13
Experts	5	15

Good Hunting Seen In Squirrel Season

Good squirrel hunting during the season opening in Tennessee tomorrow, Thursday, August 15, is predicted by Roy H. Anderson, chief of game management for the State Game and Fish Commission. The season is opening 15 days earlier than usual this season and will extend until January 1.

Hunting at the opening of the season is expected to be best around oak and hickory trees. Most early hunting will be of the "still" variety with rifles or shotguns with use of dogs coming later when leaves begin to fall.

Hart, Zupan Take Horseshoe Lead

Len Hart and Frank Zupan took over first place in the Y-12 Horseshoe Ladder last week by dethroning the previous leaders, Dunlap and Stanley. The new leaders won the match by four games to three. No other engagements were reported for last week.



FINISHING SEVENTH in the Oak Ridge Golf League for Y-12 players was the team of Arnold Tiller, left, and Dan Stroud, with a record of 39 points won and the same number lost for an even .500 percentage. Tiller fired a fine 75, three over par, in the recent Y-12 tournament at Gatlinburg for low scratch and was a semi-finalist in the Oak Ridge League tournament. Stroud is a Second Flight finalist in this event.

New Bowlers Asked To Join; Meetings To Organize Set

Any Y-12er who has come to work since the plant bowling season closed last spring and wanting to roll in one of the four leagues expected to be organized for the coming season is invited to communicate with the Y-12 Recreation Department Office, Room 226, Bldg. 9704-2, phone 7751, and make their wishes known. Organizational meetings for the four leagues that operated so successfully last year have been set for later this month and another banner season is anticipated.

Teams rolling last year are urged to name their captains or representatives for these meetings, beginning next Tuesday, August 20.

All of the meetings will be held at the Recreation Department Office. The dates and times of the sessions follow:

Classic League, 1 p.m., Tuesday, August 20.

B Shift League, 1 p.m., Thursday, August 22.

Mixed League, 1:30 p.m., Tuesday, August 27.

C League, 1 p.m., Thursday, August 29.



Deadline For Company Meet Is September 3

The annual All-Carbide Golf Tournament will be held next month with the deadline for entering the event set for noon on Tuesday, September 3. The schedule for match play flights calls for completion of first round contests by September 15, second round games by September 22 and finals by September 29.

Can Qualify Two Ways

Qualifying for the tournament may be handled in one of two ways.

Golfers who engage in league play at Y-12, K-25 or the Oak Ridge National Laboratory must use their league averages, provided they have played a minimum of 18 holes. Handicaps as of September 3 will be used for such players to assign them to various flights.

Non-league players, or golfers who have not competed in any plant tournaments, may qualify by playing 18 holes at the Oak Ridge Golf and Country Club before September 3. Their cards must be attested by other members of a threesome or foursome.

Tournament play will be on a basis of nine or 18 holes, to be determined by the contestants. If no agreement can be reached matches must be for 18 holes.

Matches may be played on any golf course by agreement of the competitors. However, if no agreement is reached, play must be at the Oak Ridge Golf and Country Club.

Pairings will be made as soon as possible after the entry deadline of September 3. They will be posted at the Oak Ridge Golf and Country Club and be available at the Recreation Departments of each UCNC installation. Matches must be played or forfeited within the time limit for each round.

Y-12ers intending to enter the tournament are urged to indicate their intention as soon as possible by filling in the entry blank at the bottom of this page.

Gilliam Brothers Boost Loop Lead

The Gilliam brothers increased their lead in the Lenoir City Golf League for Y-12 players in that territory with a three-point whitewash win over the Mills-Perry team. Similar wins were posted by Thompson-Kinkaid over Watson-W. C. Collins and by Henck-Clabough over Davis-Arrowood. Wallace-Patterson took two from Oxford-A. Collins.

L. E. Kinkaid's 42 scratch was the best round of the last session while J. M. Patterson shot a 29 handicap.

League standing follows:

Team	W	L
M. F. & J. L. Gilliam	13 1/2	4 1/2
Wallace-Patterson	10 1/2	7 1/2
Davis-Arrowood	10	8
Thompson-Kinkaid	10	8
Watson-W. Collins	9 1/2	8 1/2
Henck-Clabough	7 1/2	10 1/2
Oxford-A. Collins	7	11
Mills-Perry	4	14

All-Carbide Golf Tournament Entry Blank

Name Dept.

Plant Address Plant Phone.....

Home Address

Home Phone

Shift Date

Fill out and mail or bring to the Y-12 Recreation Office, Room 226, Bldg. 9704-2. Deadline for entering tournament is 12 noon, Tuesday, September 3.

Bulk Rate
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

**UNION CARBIDE
NUCLEAR COMPANY**
A Division of
Union Carbide Corporation
Post Office Box Y
Oak Ridge, Tenn.
RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.



Continued from Page 2
is the Proud Pop of a son born August 3 . . . **R. C. Stone** won't be around for about three weeks—after taking one week of vacation to toughen up he goes for two weeks of military training . . . **V. H. Shears** is attending the Southeastern Youth Convention at Cleveland, Tenn., on the campus of Lee College . . . The departmental picnic August 3 at Roane County Park was enjoyed by all—bull sessions, badminton, swimming, horseshoe pitching (minus horses) and, of course, eating, featured the program.

L. R. Bender, B Mechanical Operations, is vacationing by taking part in the Bearded Beauties goings on at Lenoir City—promises to come back clean shaven . . . **J. A. Lewis** plans to attend the Youth Council at Camp Zion, Myrtle, Miss., with a group of young people from Calvary Baptist Church . . . **M. J. Kilgore** is visiting kin folks at Gate City, Va. . . **L. C. Pack** moseyed up to Cleveland, Ohio, to see some ball games . . . **J. L. Henry** went to Washington, D. C., for the same purpose . . . **J. L. Waddell** went to Kingsport for a week . . . **J. W. Wilson** is resting up at Knoxville . . . **J. W. Henderson** is visiting kin folks in Kansas City and St. Joseph, Mo. . . **K. G. Kincaid** is catching up with some work at home in Lenoir City . . . **Mavis Koons** and her husband, **Elmore**, of the Mechanical Department, week ended with their son, **Bill**, a former Y-12er, and their grandson, in Atlanta.

General Machine Shop sends get well wishes to **J. B. Bowman**, suffering from a broken arm playing softball—also to **Tom A. Keith**, out sick . . . **E. R. Easterday** is off for a week to attend the wedding of his son, **Lieut. William Easterday**, UEAF, to **Miss Della Wilkins**, of Valley City, N. D., August 14 . . . **W. W. Chilcoat** is visiting relatives in Southern Alabama . . . **Tony Gable** is fishing in Indiana and Michigan lakes . . . **F. A. Higginbotham** is touring Florida . . . **C. R. Brazda** is in New Orleans . . . **W. C. King** went to Akron, Ohio, then to Virginia and Carolina Beaches . . . **W. M. Capps** cavorted to Cincinnati for a ball game or so and then on to North Carolina . . . **I. W. Williams** is visiting kin folks in West Virginia . . . **Floyd Ludwig** really is on a whing ding for three weeks—to Yellowstone and Rocky Mountain Parks and Denver, Col. . . **T. H. Miller** is fishing and **Russ Allstun** is probably doing likewise as is **C. M. McAmis**—the latter in Florida . . . **K. B. Baker** plans to see his dad in Louisville, Ky. . . It's Home, Sweet Homes for Vacationers **J. E. Mills** at Rockwood, **A. L. Cardwell** in Knoxville, **A. T. Sharp** at Caryville and **R. L. Luttrell** in Lenoir City.

INDUSTRIAL RELATIONS
Loren Lawhorn, Wage Standards, is vacationing.
Jo White, Personnel Records, is in Jerusalem, Ohio, to visit her in-laws and thence to Washington, D. C., for some sightseeing.
Medical Department friends of **Sue Van Dusen**, formerly of the department, are happy to hear that she is the mother of a seven-pound, 12-ounce daughter, **Vicky**

Sue, born July 31.
Liz Campbell, Guard Department reporter, declares she's taking off for two weeks—plans and destination undecided . . . **Capt. J. H. Shoemaker** is resting up at home in Clinton for a week . . . **Lieut. J. M. Patterson** went to Florida . . . **W. E. Bruce** is visiting with his brother, who is in service of Uncle Sam and expecting a transfer to Germany soon . . . Rapid recovery wishes to **J. B. Quinn**, **K. G. Edgemon** and **G. E. Alcorn**.

Tommie and Frankie Goss, Cafeteria, are spending a couple of weeks at their Oak Ridge Highway home . . . Get well wishes to the mother of **Mayme Hundley** in Ft. Sanders Hospital.

The Fire Department's **Capt. E. F. Greer** is in Norfolk, Va., this week attending an advance course on fire hazards of Atomic Energy Commission installations . . . **Capt. W. R. McGill** and family are off on one of those three-week vacations to California . . . **K. E. Smith** and family went to Fontana Village . . . **J. D. Mathes** is welcomed back after a stay in Oak Ridge Hospital. Same page, same columns next week.

Rides Wanted, Offered

Ride wanted from Taliwa Court, Chapman Highway, South Knoxville, to North or Central Portal, straight day. Jane Walker, plant phone 7751.

Ride or riders wanted from vicinity of Washington and Millertown Pikes, Valleyview Community, Knox County, to North Portal, straight day. F. E. Clevenger, home phone 2-7393.

Ride wanted from Florida Ave. and Turnpike, Oak Ridge, to Central Portal, straight day. Anne Fleenor, plant phone 7263, home phone 5-1879, Oak Ridge.

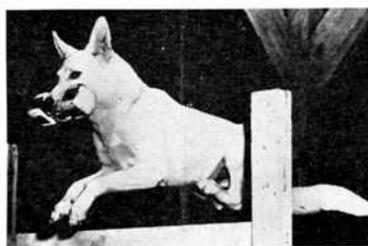
Ride wanted or will join car pool from Sevier Heights, South Knoxville, to West or Central Portal, straight day. J. L. Webb, plant phone 7960.

Ride wanted or will join car pool from West Haven Village, Knox County, to Central Portal. Thomas F. Rayburn, plant phone 7314, home phone 2-9535, Knoxville.

Want to join car pool from Vance Road, Oak Ridge, to North Portal, straight day. Frank Cooke, plant phone 7330, home phone 5-5125, Oak Ridge.

C Shift To Hold Picnic At Cove Lake August 22

Cove Lake State Park, near Caryville, Tenn., on U. S. Highway No. 25, will be the site of a big picnic Thursday, August 22, when Y-12ers on the C Shift and members of their families will hold an all day outing. Watermelons and cold drinks will be provided by the C Shift Recreation Committee and each family is asked to bring its own picnic lunch. Swimming, fishing, boating and other recreational activities will be enjoyed by the guests.



WHITE PRINCE OF HEATHERLY, C.D., C.D.X., shows dramatic form in this picture as he retrieves over a high hurdle during a C.D.X. exercise. The snow-white German shepherd is owned and trained by Sid Holder, of the Y-12 Development Operations Department.

Y-12er's Dog White Prince Wins C.D.X.

White Prince of Heathermore, C.D. (Companion Dog) and C.D.X. (Companion Dog Excellent) won his C.D.X. obedience title on July 27 at the Asheville, N. C., Kennel Club obedience trial for his owner-handler, Sid Holder, of the Y-12 Development Operations Department. White Prince, who answers to the name of Buff, scored 194 points out of a possible 200 to lead all other Tennessee entries in the open Class A of the trial.

The beautiful snow-white German shepherd thus became the first Oak Ridge dog to hold both of the highly coveted titles and also is the fourth dog to capture the honor in the Middle East Tennessee area. In winning his crown at Asheville he defeated nine dogs from five states represented in his class.

Topped 190 Four Times

White Prince has scored more than 190 points in several other trials in his obedience training history. He scored 197 in Atlanta, Ga., 194.5 in Lexington, Ky., 192 at Chattanooga and 190.5 in Knoxville. He has placed in the top four among contestants on many occasions.

The team of owner-handler Holder and White Prince have appeared on several Knoxville television programs, including "People You Know" on Channel 6 and "Meet Mrs. Moore" on Channel 10. On these appearances they have shown what can be accomplished by dog obedience training by demonstrating the exercises used to determine the C.D.X. rating as representatives of the Knoxville Dog Training Club, to which Holder belongs.

Holder and his dog again will act as instructor and model for the second series of training classes sponsored by the club that will open September 3 and run for 12 weeks.

Prince's training will continue to point toward the highest achievement of dog obedience—the title U. D. (Utility Dog.) Holder describes this as the "Eagle Scout rank of dogdom" that requires extreme intelligence on the part of the dog and infinite patience on the part of the trainer.



THIS HUSKY YOUNGSTER is Terry Lynn Sizemore, 17-months-old son of W. E. Sizemore, B Mechanical Operations and the apple of his Proud Pop's eye.

\$170,000,000 To Be Spent By Union Carbide For New Corporation Facilities During 1957

Continued from Page 1
built on Amelia Island, 30 miles northeast of Jacksonville on the Florida coast.

Chemicals Company To Get Third Building

In West Virginia, where two major UCC chemicals plants are already located, Union Carbide Chemicals will build a third. By 1960 this plant will be turning out large volumes of basic chemical products for use by industry.

Both the chemicals industry with its swing to partial-oxidation processes and the steel industry with its oxygen-gulping techniques need great quantities of oxygen. To meet that demand Linde is building 30 new oxygen-producing plants and several additions to present plants. Just completed is a 500-ton per day plant to serve U. S. Steel's Duquesne works near Pittsburgh.

In Canada, major construction projects by Union Carbide Canada, Limited, include three new oxygen plants, its first argon plant, and production facilities for polyethylene resins, ethylene glycol, and other derivatives of ethylene oxide.

Overseas Construction Also Is Booming

Construction booms overseas, too. Among these are polyethylene plants at Grangemouth, Scotland; and Cabato, Brazil; a polyethylene and chemicals plant at Bombay, India; a plant to produce ethylene glycol in Puerto Rico; and new electrode and graphite facilities in several other countries.

In business, companies can't stand still. Those that try to, fall behind. If a company wants to stay alive, it must push ahead.

Union Carbide is growing—and selling more—because money is being invested in new plants and equipment. It's as simple as that.

The result is a company that continues its forward pace, providing more and more jobs—each more stable and secure.



BIRTHDAYS ARE SWELL, particularly the first one, as is evidenced by little Joy Bell, daughter of E. E. Bell, Colex Auxiliary Operations, amid her gifts at her recent party.

10 Years Service

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

Mabel J. Stapleton, Product Processing, August 17.

Frank J. Lambert, Jr., Mechanical Inspection, August 19.

Norwood Named Assistant To Electromet President

Stanley M. Norwood has been appointed Assistant to the President of Electro Metallurgical Company, it has been announced by H. K. Intemann, President. Norwood also will continue as Vice President of this Division of Union Carbide Corporation. Electro Metallurgical Company is the country's leading producer of ferro-alloys and metals for the iron, steel, and non-ferrous industries, and a major producer of titanium sponge for making titanium metal and alloys.

Norwood, a graduate chemical engineer from Cornell University, has been associated with Union Carbide Corporation since its formation in 1917 and since 1927 has devoted his time to sales and technical development with Electro Metallurgical Company.

Abrams And Sinnott Advance In Silicones

Promotions Announced By President Humes

R. S. Abrams has been appointed General Manager and L. J. Sinnott has been appointed General Sales Manager of the Silicones Division, Union Carbide Corporation, it has been announced by W. B. Humes, President of this Division.

Abrams joined the Union Carbide organization in 1941 with Linde Air Products Company, Division of the Corporation, in Tonawanda, N. Y. He held various positions at Linde's ceramics plant there under the Army's Manhattan District project and was transferred to Chicago in 1946 as Superintendent of Linde's alum plant. He became Manager of the silicones plant at Long Reach, W. Va., in 1955. Earlier this year, Abrams was appointed Manager of Production and Engineering for the Silicones Division, formed in 1956 to take over the business of Linde's Silicones Department. Abrams was born in Minneapolis, Minn., and received the degrees of B.S. and M.S. in chemical engineering from the University of Minnesota.

Sinnott joined Union Carbide in 1942 as a development engineer for Linde Air Products Company in Newark, N. J. The following year he moved to the Cleveland Sales Office, later becoming Sales Manager in the District Office at Denver, Col., then Manager of the Pacific Northwest District Office at Seattle, Wash. In 1951 he was transferred to the New York Office of Linde to fill a staff position in market development work. Two years later he became Sales Manager for Linde's Silicones Department. He is from Cleveland, Ohio, and graduated from Case Institute of Technology in 1942 with the degree of B.S. in chemical engineering.



WHEN ANGLERS from the Y-12 General Machine Shop go out on a fishing foray they usually bring home the bacon—or fishes. No exception are G. W. Brewer, left, and W. B. Tyree with a fine catch of bass caught recently from Watts Bar Lake.

