



**NEW OFFICERS OF LEWIS E. HAMBY POST**, Veterans of Foreign Wars, installed April 9, include six Y-12ers. From left are H. M. Sharp, K-25, chaplain; Charles Mink, Y-12, quartermaster; Reece M. Roark, Y-12, retiring commander; James Albright, Jellico, Tenn., Tennessee Department VFW chief of staff; P. G. Hatmaker, Y-12, commander; H. W. Gragg, Jr., Y-12, senior vice commander; Robert Kelley, Atomic Energy Commission, junior vice commander; and Roy Whittaker, Y-12, public relations officer. New officers absent when picture was made are E. J. Whittaker, Y-12, adjutant; and Dr. Sam Mills, surgeon.

## Six Offices In VFW Oak Ridge Post Held By Y-12ers For Second Consecutive Year

**'Gib' Hatmaker Installed As Commander; Membership Campaign Planned Next Month**

For the second straight year, Y-12ers hold six important elective and appointive positions in the Lewis E. Hamby Post, No. 7270, Veterans of Foreign Wars, in Oak Ridge. Furthermore, there are a large number of Y-12 employees among the approximately 180 members of the post, which is planning a membership campaign next month to increase the size and activities of the organization.

During the coming year the Lewis E. Hamby Post will have Preston G. "Gib" Hatmaker, of Colex Operations, as commander. The other Y-12ers holding offices in the post are H. W. Gragg, Jr., also of Colex Operations, senior vice commander; E. J. Walker, Electrical Maintenance, adjutant; Charles Mink, another Electrical Maintenance man as quartermaster; Reece M. Roark, likewise in Electrical Maintenance as retiring commander and trustee for three years; and Roy Whittaker, Health Physics, public relations officer.

Other officers are Robert Kelley, Atomic Energy Commission, junior vice commander; H. M. Sharp, K-25, chaplain; and Dr. Sam Mills, surgeon.

The new officers were installed on Monday, April 9, by James Albright, of Jellico, Tenn., chief of staff of the Tennessee Department of the VFW. He stressed the importance of post participation in community affairs.

Hatmaker is a United States Navy veteran of 37 months service, 26 of which were in overseas duty with the small aircraft car-

rier Marcus Island. He entered the Navy in October, 1942 and was discharged in December, 1945. He has been a Y-12er for about three years.

## 60 Enjoy Bingo Party Held By Y-12ers On B Shift

About 60 Y-12ers on the B Shift thoroughly enjoyed themselves at a bingo party staged by the group for its members, families and friends last Thursday night at the Veterans of Foreign Wars home. The B Shift Recreation Committee announced right after the party was over that because of the success and popularity of the bingo affair that similar entertainment would be arranged for once each month.

## PHOTOGRAPHY GROWING

The photographic industry reports 15 per cent increase in the use of flash bulbs during 1955 over the previous year, with the 1955 estimate being 515,000,000 bulbs to have been fired during the year.

## Safety Trend Seen On Upgrade In Y-12 Plant; Clean-Up Week Goal Is To Eliminate Hazards

**Spic And Span Premises Expected By Week End**

With the goal of making the Y-12 Plant Area a cleaner and safer place in which to work, Union Carbide Nuclear Company employees this week are hustling and bustling to ferret out fire and safety hazards. From advance indications of work in the Spring Clean-Up drive set for April 15-21, the Y-12 premises and buildings will be made as spic and span as possible to attain with all hands pitching in to achieve the objective of the campaign before the end of this week.

## Much Rubbish Hauled Away

Spurred by the message from Y-12 Plant Superintendent John P. Murray last week urging every division and department to make every effort to remove all excess material that could be a fire or accident hazard, disposal trucks have been busy for the past several days hauling load after load of rubbish and trash from in and around buildings. At the same time permanent quarters and equipment such as lockers, offices, shops, aisles, loading docks and other places where hazards might lurk have been given close attention.

Thorough inspections have been made by many safety committees in all departments and their findings carried out to improve working conditions. Follow-up inspections will be made the latter part of this week or early next week to ascertain the success of the campaign.

The Y-12 Fire Prevention and Control Department and Fire, Safety and Security Coordinators from all divisions in the Y-12 Plant Area are coordinating the

*Continued on Page 4*

## TASTY DISHES OFFERED ON Y-12 SPECIAL LUNCHES

A pair of tasty dishes have been selected as entrees for the 50-cent Special Lunches to be served at the Y-12 Cafeteria tomorrow, Thursday, April 19, and on next Tuesday, April 24. Creamed eggs and mushrooms on toast will be the main dish on the Special Lunch tomorrow while the old favorite of weiners and Boston baked beans will be served next Tuesday. Each special Lunch also includes one vegetable, choice of salad or dessert and rolls and butter.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
**37 Days Or**  
**1,268,841 Man Hours**  
(Unofficial Estimate)  
Without A Lost Time Injury  
Through April 15

## First Quarter Record Reported Encouraging

Union Carbide Nuclear Company employees in the Y-12 Plant Area apparently are swinging back into safer working habits recently, according to figures of the Safety Department that show a steadily decreasing number of accidents during the past few weeks. For instance, there were eight disabling injuries in the Y-12 Plant Area for the first three months of 1956 as compared to 11 for the last quarter of 1955 with a corresponding drop in the accident frequency and severity rates.

## Last Accident March 9

Through the past week end the accident-free period in Y-12 has continued since March 9, when the last lost time accident was recorded. As a result, the safety score board has soared over the 1,000,000 man-hours worked mark without a disabling injury for the first time in several months.

This trend is considered most encouraging by safety-minded Y-12ers who point out the inconvenience, suffering and costs of disabling injuries—to say nothing of the loss of plant efficiency because of the enforced absence by an injured employee. It is hoped that the present period of safe working will continue indefinitely and allow the Y-12 Plant to resume its place among the leaders in Union Carbide and Carbon Corporation installations from the standpoint of safety.

## Cooperation Can Attain Goal

This goal can easily be attained through continued cooperation of Supervision and employees alike in observance of the prescribed common sense safety rules set up

*Continued on Page 4*

## Son Of Y-12er Is Voted Trip By Patrol Pals

Acclaimed by fellow school safety patrolmen at Highland View School for his efficient handling of patrol assignments throughout the school year, Mike Prater, 11, son of Y-12er K. E. Prater, of Research Services, will represent his school at the 20th National Assembly and Parade of Safety Patrols in Washington, D. C., May 4-5. He is the lone Oak Ridge safety patrolman to be chosen for the trip.



The safety patrol boys at Highland View voted for Mike to make the trip to Washington. The entire student body was on hand at a formal notification with the announcement being made to the youth by R. C. Jones, also a Y-12er in Research Services and safety representative of the Parent-Teachers Association. The P-TA organization is paying Mike's expenses on the trip.

Mike Prater won his honor for the courteous and dependable manner of guiding students across the busy corners of Highland Ave. and Outer Drive and Walker Lane and Outer Drive in all kinds of weather. He was on duty at the patrol post mornings and afternoons before and after school hours.

The young safety patrolman is

*Continued on Page 2*

## NOT EVEN MINOR INJURY MARS MARK OF GROUP

That little group of nine Y-12ers in the Beta Two Department of the Alloy Division mentioned in The Bulletin last week for an exceptional safety record extending since last September wants it to be known that the group not only has not had a disabling injury in that time, but in addition has not had a minor injury in their work. The group works on the A Shift. May their good record continue without interruption as an example for other Y-12ers.



## World Without Chemical Products Developed During Past 40 Years Would Be Frightening

For picture story of some of Union Carbide and Carbon Corporation plants that have contributed greatly to the chemical progress of the nation—turn to Page Three.

If you Y-12ers really want to scare yourselves sometime, just sit back and try to imagine what life would be like if all the chemical products developed within the last 40 years were suddenly to disappear. Practically all the material benefits that have brought a healthier, safer and more comfortable life depends in many unseen ways on chemicals developed since 1915.

Most of the diseases that were

wholesale killers in their day — diphtheria, typhoid fever, malaria, pneumonia, influenza — are no longer considered public health problems, thanks to miracle drugs like the sulfas, penicillin, aureomycin and the other antibiotics. If they were suddenly to disappear, epidemics might very well return. Take away the chemical techniques for treating drinking water and preserving foods, and

*Continued on Page 2*

# The Bulletin

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Miss Mary Ellen Burkett  
**BURKETT-VARNELL**

The engagement of Miss Mary Ellen Burkett, daughter of Thomas A. Burkett, of the Y-12 Employment Department, and Mrs. Burkett, to Henry Dewey Varnell, Jr., has been announced by parents of the bride-elect.

The wedding will be solemnized at 8 o'clock Tuesday night, June 5, at the First Christian Church in Rockwood, home of the parents of the bride-elect.

Parents of the groom are Mr. and Mrs. Henry Dewey Varnell, Sr., of Memphis, Tenn.

Miss Burkett now is attending the University of Tennessee, where she will be initiated into the Sigma Kappa sorority this week. She is a sophomore in the College of Home Economics. She is a member of Home Economics, Modern Dance and Sigmanettes Clubs. She graduated from Rockwood High School in 1955 and previously attended school in Oak Ridge and Miami, Fla.

Varnell will graduate from the University of Tennessee in June, when he will receive a degree of Bachelor of Science in Business Administration. He is a member of the Sigma Nu Fraternity, a honor student and member of Delta Nu Alpha, honorary fraternity. He served four years in the United States Air Force and is a lieutenant in the Air Force Reserve.

## Carbide Women's Card Club Sets Party Meeting Tonight

The Carbide Women's Card Club, formerly known as the Carbide Wives, will hold its monthly card party and meeting at 7:30 o'clock tonight, Wednesday, April 18. The function will be held in the Green Room of the Ridge Recreation Hall and bridge and canasta will be played. Mrs. E. E. McCombs, whose husband is a Y-12er, will be the board member in charge of the meeting.

More vision—less collisions.



**Y-12 FELLOW EMPLOYEES AND FRIENDS** of Bonnie Roberts, Production Assay, entertained her with a miscellaneous shower April 10 in the Blue Room of the Ridge Recreation Hall. Miss Roberts is scheduled to be married today, Wednesday, April 18, to Don Meredith, at Newport, Tenn. Seated in front are Nell Mercer, left; and Lodean Butler, right, co-hostesses at the shower

with Miss Roberts in the center. Standing from left are Juanita Easley, Mattie Anderson, Marcelle Orlando, Edith Barger, Barbara Messenger, Lorene Jones, Frances Rice, Mrs. Roy Roberts, mother of the bride-elect; Betty Lou Roberts, sister of the bride-elect; Marty McMahon, Earlene Banic, Ruby O'Kain, Helen Brown and Polly Williams.



Golf, according to some yackity-yacking Y-12 golfers out at the Oak Ridge Golf and Country Club the other day, is 10 per cent physical effort and 90 per cent brain work. Another Y-12er, who held that belief, sashshayed out on the course and was followed by a man pulling one of those chaise lounges on wheels that are so popular on lawns throughout the country.

"What's the idea," asked one of the spectators, "of having your caddy drag that couch all over the course?"

"Caddy, heck," screamed the believer in brain work, "that's my psychiatrist!"

After that one, the Colyum Conductor had better get him one of those things—a couch or a psychiatrist—but he insists on going on with the news first.

### MANUFACTURING OFFICE

The Mail Room sends get-well wishes to **Charlie Hall**, ill in the Crossville Hospital . . . **Arvel Weldon** is taking it easy around home while vacationing.

**Ira J. Shotts** and **Bertie Fitzgerald**, Timekeeping, both are vacationing around their homes in Oak Ridge.

Property Sales sends get-well wishes to **Melmouth Hudson** at Oak Ridge Hospital.

Production Inspection rolled out the welcome chatter for **N. E. Hamby**, just transferred into the department last week.

**Lucia Shults**, Stores, and her husband, **Capt. D. C. Shults**, Guard Department, are vacationing with her mother at Easley, S. C. . . . **"Buzz" Strunk** is vacationing and although leaving no destination data, it's six, two and one he's fishing . . . Others away are **Mary Argo**, **E. E. Nichols** and **H. C. Baker**—same goes for them.

### MAINTENANCE

**Ernie Cobble**, Buildings and Grounds, and his wife, Lillie, a former Y-12er, are back from an Arkansas vacation that included a visit to Mr. and Mrs. Dock Harris, former Oak Ridgers, at Bull Shoals.

Alpha Four Maintenance extends condolences to **F. K. Booth**, whose father, the Rev. Moody Booth, died at Tallahassee, Fla., last week following a stroke. The Rev. Mr. Booth had been a minister in the South Georgia Methodist Church for 50 years and was in his 70s when he died. Funeral services and burial were in held in Georgia.

Automotive Maintenance sends get-well wishes to the wife of **C. W. Toney**—she's sick in Oak Ridge Hospital.

**A. R. Davenport** is welcomed as a new employee by Electrical Maintenance.

**C. A. McAlister, Sr.**, head man at the Laundry Department, is staying away from the suds—soap, that is—while vacationing quietly in Knoxville.

Process Maintenance extends sympathy to **Columbus Owens**, whose brother was fatally burned in an accident at the Bowaters Paper Mill at Charleston, Tenn., April 8. . . . Get-well wishes to **H. Garrison**, ailing for too many days; and also to that sick youngster of **E. Lawson** . . . **R. E. Redmon** has been painting and spring cleaning around home on his, er, vacation (?) . . . **Perry Ward** and his family jaunted over to Nashville for a recent week end . . . If folks have been wondering about the recent whereabouts of **T. A. McFarland**, he has been collecting free victuals while on jury duty up in Claiborne County.

**H. H. Terry**, Alloy Maintenance, is doing some Alabama angling while vacationing . . . **W. E. Hodge** went up to Carter County for his resting time.

Research Services is worried about wives of two men in their outfit — so is sending get-well wishes to Mrs. **I. V. Goins**, seriously ill in St. Mary's Hospital, Knoxville; and to Mrs. **R. L. Jeffries**, home from hospitalization but still not out of the woods.

### SUPERINTENDENTS

General Utilities has some sick folks on its list—**L. M. Stooksbury**, **D. W. Woody** and **W. Johnson**, rapid-recovery wishes, boys . . . **W. M. Simpson** and **C. G. Wilson** didn't leave forwarding addresses when they left on vacation.

### ALLOY

**R. L. Crabtree**, Colex Operations, is the department's latest Proud Pop—his daughter, Janna Sue, was born March 30, weighing seven pounds, three ounces. Pop's vacationing to learn the hard way how to care for infants. . . . **W. T. Henry** is vacationing over in Hickory, N.C. . . . The department has best luck wishes for **Lucille Simpson**, janitress, who was married March 31 to Robert Kyly, Jr., of Kingsport.

Beta Two's **Mary Cooper** is another Y-12er combining spring housecleaning and vacationing (see Page Four) . . . **Jim Martin** is at home in Knoxville . . . **A. M. Stevens** is fishing and loafing around LaFollette . . . **Dave Alford** is vacationing in Minneapolis, Minn., and will attend his sister's wedding to give the bride in marriage.

Alpha Four reports **G. H. Kitch-**

## Son Of Y-12er Wins Trip To Washington

Continued from Page 1  
in the fifth grade at Highland View.

Mike will join a group of other East Tennessee safety patrolmen on the trip to Washington, leaving May 3 and returning May 6. In Washington the youngsters will see Mt. Vernon, the Smithsonian Institution, National Art Gallery and Arlington National Cemetery where the Tomb of the Unknown Soldier is located.

Approximately 160 school safety patrolmen from East Tennessee are expected to make the trip, sponsored by the East Tennessee Automobile Club. The Tennessee boys will be in the leading section of the parade of safety patrolmen from throughout the country on Saturday morning, May 5.

ings vacationing this week—getting married, too! . . . **W. R. Clevenger** is devoting all of his spare time working on his job as manager of the Wildcats team of the Plant Softball League — when they can't practice outdoors he is holding skull sessions a la Stengel — 'tis rumored . . . Congratulations to **H. A. Griffin**, who successfully chairmanned the Oak Ridge Horseshow last week end—even the horses enjoyed it . . . Get-well wishes to the tiny daughter of **D. R. Vanover**, who underwent a serious operation in a Philadelphia hospital last week . . . The department's traveling sports reporter, **Bill Hubbs**, will give anyone (who can't dodge first) a hole by hole version of the Master's Tournament at Augusta, Ga.—and says he actually had a bet on Jack Burke, the winner. Now—and now—pals are looking for a red hot tip on the Kaintuck Darby May 5 . . . (Best tip—don't).

### TECHNICAL

The bells were ringing all over the place last week when it was reported that **E. E. Bell**, Instrument Engineering, was romancing in Texas. Let it be hastened to say that it ain't so—it was **E. E. Dunn** (two many E.E.s, you see), and Dunn really did some romancing in a big way, got married to Virginia Cawthon in El Paso, March 31. Apologies and explanations—if needed—to Br'er Bell, and congratulations to Br'er Dunn.

The virus bug flew high wide and not at all handsome last week for **M. C. Weist**, **M. L. Taylor** and **R. S. Ware**, all of Project Engineering.

**Leonard Mitchum**, Mechanical Engineering, is back from an "all quiet in Alabama" vacation . . . **H. C. Hankins** is among the Center Hill fishermen this week . . . Quick recovery is wished for **Lillion Higgins**, sick all last week

## World Without Aid Of Chemistry Scary

Continued from Page 1  
epidemics would be inevitable.

Speaking of food, imagine what would happen if chemical fertilizers disappeared. The yield of the land would drop alarmingly. Then remove the chemical pesticides, fungicides and herbicides. A much larger proportion of foodstuffs would be destroyed by insects and plant disease, or choked out by weeds. Finally, eliminate the packaging, refrigerating and preservation methods that depend on chemicals and plastics, and even more foodstuffs would be lost through spoilage and decay.

In the past 40 years, food production has increased 65 per cent. In the last 40 years the population has grown by 63,000,000 more mouths to feed. Take away the increased food production made possible by chemicals, and the farm problem wouldn't be surpluses — it might very well be famine.

What about communications? Chemistry has developed new techniques that have made many electronic advances possible. Without them computing machines, radar sets, even radio and telephone equipment could not operate reliably.

What about transportation? Chemicals have made possible inexpensive road surfaces. Imagine the traffic jams if we hadn't been able to afford the vast network of roads in America. In hundreds of unseen ways, chemicals have helped make buses, trains, planes, and automobiles comfortable, dependable, and safe—thanks to improved lubricants, hydraulic fluids, antifreezes and fuels.

As a tribute to this progress, April 23-28 has been designated Chemical Progress Week. Chemical Progress Week is sponsored by the Manufacturing Chemists' Association, of which Union Carbide is a member.

All the Divisions of Union Carbide have played an important part in contributing to chemical progress. It is these achievements, made possible by the people of Union Carbide and the chemical industry generally, that are being saluted during Chemical Progress Week.



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

**D. J. Schaffer** and **Hansel Whaley**, B Mechanical Operations; **Harry D. Pierce** and **M. P. Crews**, Process Maintenance; **Hubert F. Dick**, **James R. Thorpe** and **Jasper B. Fincher, Jr.**, General Machine Shop; **J. Will Jones**, Colex Operations; **J. C. Hasting**, Fire Prevention and Control; **Richard T. Faulkner**, Buildings and Grounds; **George W. Boggs**, Guard; **Dorothy Wigginton** and **W. T. McGee**, Chemical; **Eleanor A. Duke**, Product Processing; **Melmouth G. Hudson**, Property Sales; **John H. Briggs**, Janitors.

## D Shift Bingo Party Set Tonight At Oak Terrace

Employees of the D Shift in Y-12, their families and friends are invited to attend a bingo party and show at 8 o'clock tonight, Wednesday, April 18. A feature of the entertainment will be a ventriloquism act by **E. B. Lockhart**, General Machine Shop, described as an expert in the difficult art. A number of fine prizes have been assembled for the bingo winners at the affair. It will be held in the ballroom of the Oak Terrace.

Continued on Page 4

# Chemical Progress Week

## Salute To America's Fast-Growing Chemicals Industry

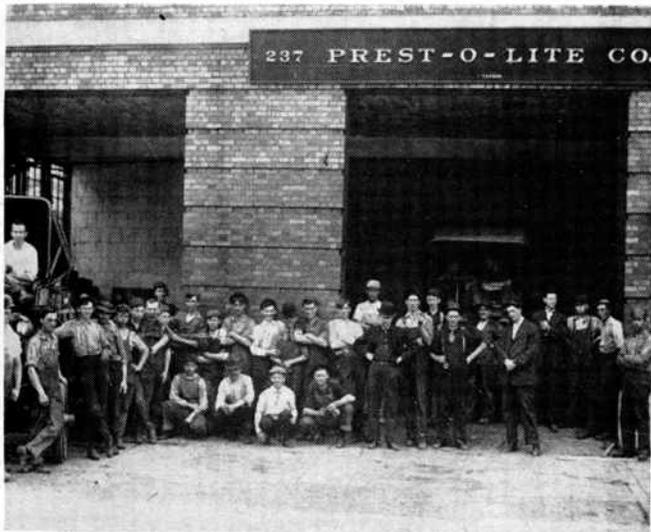
Nearly all of the chemicals transformed by man from the elements of nature have been developed within the last 40 years. Chemicals have brought with them progress—they are the Seven League Boots that have carried us forward by giant steps.

It is this progress, and the chemicals industry that has helped make it possible, that are to be saluted during Chemical Progress Week, April 23-28. Chemical Progress Week is sponsored by the Manufacturing Chemists' Association, of which Union Carbide and Carbon Corporation is a member.

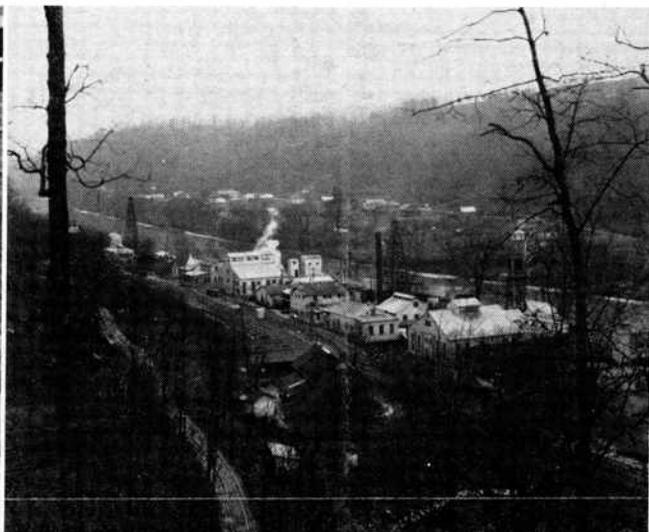
Union Carbide people have played an important part in chemical progress. Back before the chemicals industry could even be called an infant, some of the Companies that later became Divisions of Union Carbide were making the discoveries that gave a large part of that industry its birth . . .



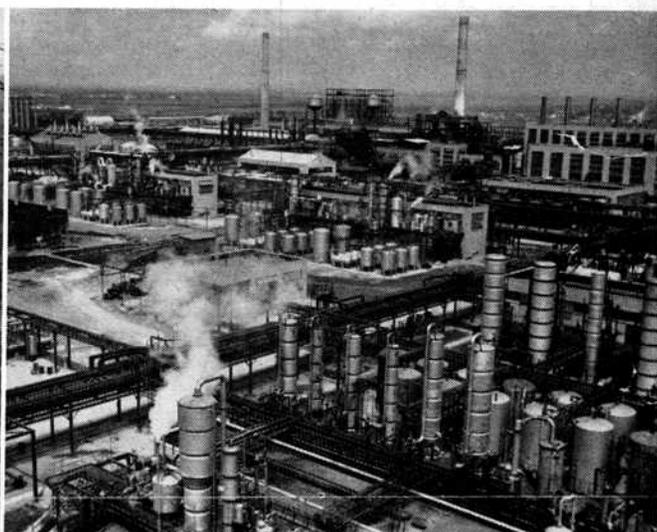
From the early developments of Union Carbide Company . . .



and the Presto-O-Lite Company, shown above with a group of old-time employees, came some of the earliest chemicals . . .



produced by Carbide and Carbon Chemicals Company at Clendenin, W. Va. The chemicals business has grown so fast . . .



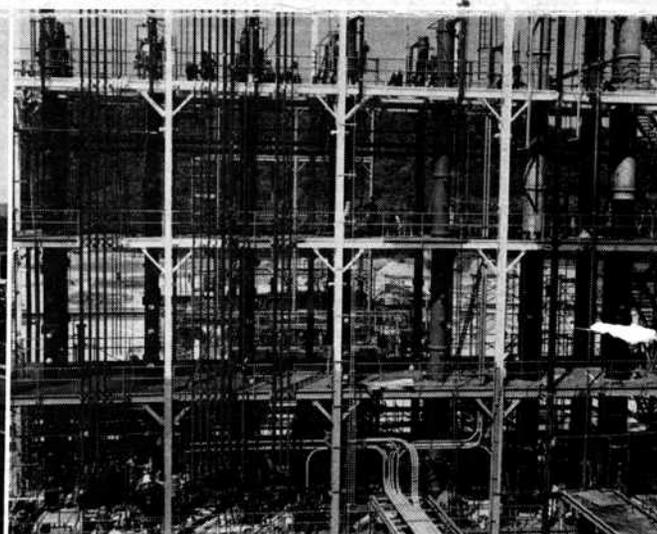
that there are several more huge Carbide plants in the United States, such as this one at Texas City, Tex. . . .



and this giant Carbide plant built on battleship-shaped Blaine Island in the Kanawha River at South Charleston, W. Va. . . .

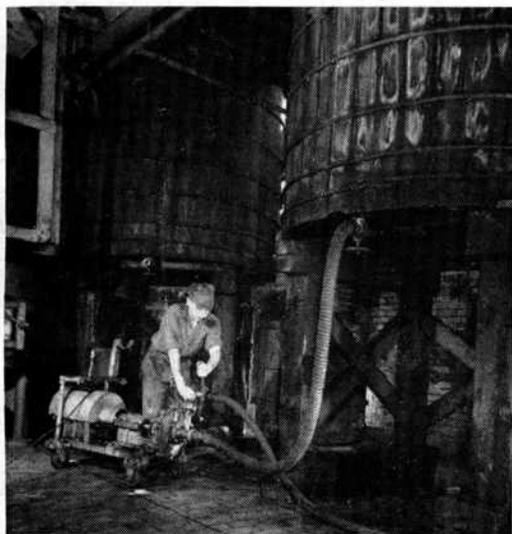


or the Bakelite Company's plant at Bound Brook, N.J., where plastics are produced for thousands of uses . . .



and the new plant of the Silicones Division located at Long Reach, W. Va., with its more than 50 miles of piping . . .

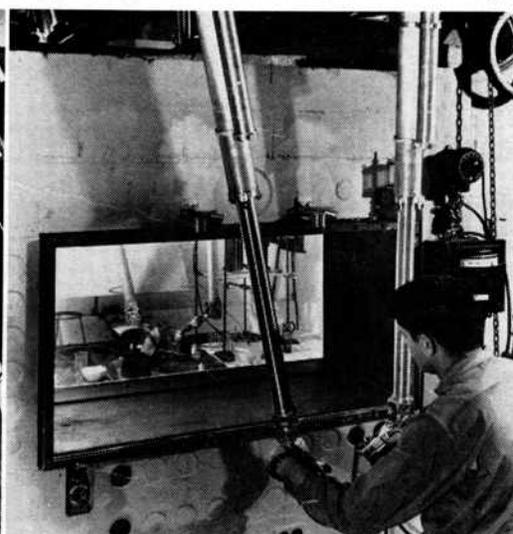
## Other Corporation Divisions make important contributions to chemicals industry



Alloys produced by ELECTROMET and HAYNES Companies are used in the manufacture of pumps like these in a dye plant and also in the making of other equipment required in dealing with hard-to-handle chemicals.



KARBATE graphite equipment, made by the National Carbon Company, one of whose plants is pictured above, is used in the handling of highly volatile chemicals that would soon eat away other materials.



Radioisotopes, some of which are used in studying chemical processes, are produced at the Oak Ridge National Laboratory, operated for the Atomic Energy Commission by Union Carbide Nuclear Company.

★ ★ ★

The far-flung research activities of the Divisions of Union Carbide and Carbon Corporation will continue to give us new products and processes and new uses for them. As an investment in the future of Union Carbide and its employees, the Corporation spent more than \$43,000,000 on research and development in 1955. This all adds up to progress — progress that will continue to keep Union Carbide in the forefront of the dynamic chemicals industry throughout the world.

## Social Security Check Urged Of All Y-12ers

### Statement Of Earnings Should Be Requested

Many Y-12ers are not thoroughly acquainted with the full meaning of the deduction from their pay checks shown as "F.I.A.C." on the checks. It is, of course, more commonly known as "social security," and is the employees' contribution to the Social Security Trust Fund for the purpose of building up an insurance account against the time of retirement or death of the employee.

### Record Of Wages Kept

Unlike private insurance, no notice of premium due is sent to persons protected by the old age and survivors insurance program. The F.I.A.C. tax is automatically deducted by the company, matched by its own funds and paid to the government with a report of the amount of wages paid to each individual employee. The Bureau of Old Age and Survivors Insurance keeps a record of wages so reported, and the amounts credited to each person's account determines the amount of monthly benefits payable to the person in old age or to the family in case of death.

Any Y-12er may request a statement of earnings credited under his social security number. The Knoxville district social security office, 521 Broadway, N.W., suggests that it is advisable to request such a statement every three or four years to be sure that a correct record of earnings is kept. The statement has further value in that it is possible to estimate closely the amounts of benefits potentially payable based on the earnings shown and expected future earnings. In this manner, the social security account may be figured with other investments such as insurance, Company Retirement Plan and Savings Plan for retirement and protection.

The Knoxville district social security office has a standard post card form for requesting an earnings statement from the social security accounting office in Baltimore, Md. In requesting the card, Y-12ers are invited to ask any other questions they have about social security and obtain literature about the old age and survivors insurance program.

## Analytical Group To Hear Address By TEC Scientist

Dr. H. W. Patton, Tennessee Eastman Corporation, Kingsport, will be guest speaker at a meeting of the Analytical Group of the East Tennessee Section of the American Chemical Society Friday night, April 20. The meeting will be at 8 p.m. at the Robertsville Junior High School cafeteria and Dr. Patton's topic will be "Gas Chromatography."

## Rubbish And Litter Causing More Fires Than Ever Before - Some Spontaneous

Rubbish and litter have caused twice as many fires in the past 10 years as they did in the previous decade, according to statistics from the National Board of Fire Underwriters. The increase has been steady—but can be halted quickly if rubbish traps such as attics, closets, basements, yards and garages are cleaned regularly and kept clean.

Some rubbish can ignite spontaneously without outside flames to light it. Also all combustible rubbish is food for flames and a constant threat to homes. For this reason rubbish is the target for all Y-12 households this week—for fire is the greatest horror that can be met in any home.

Maybe a small fire can be



"Goodbye, dear. And thanks for helping me with the spring cleaning!"

## Failure To Shield Secrets Held Costly

### Security Is Declared Necessity By Official

Failure to safeguard classified information can be costly, it is pointed out by Mansfield D. Sprague, general counsel of the Department of Defense of the United States in a statement.

### Failure Could Bring Death

"Such failure can result in sabotage, interrupted production, loss of personal freedom and even death," said Sprague. "There is no need to pay this price. Security requires only the effort it takes to keep our secrets secret. Security involves the care that everyone must take to withhold from potential enemies information about our most important defense measures. This effort is one willingly made by everyone who is determined to preserve his own personal freedom and to maintain our social, political and economic systems."



M. D. Sprague

"Communism always has been a threat to world peace. At the end of World War II Communism dropped its role as the ally of freedom and returned to its dream of world domination. Since then it has become perfectly clear that Communism is the avowed enemy of freedom everywhere and that it will stop at nothing to undermine and subjugate democratic nations and enslave their citizens."

"Compliance with security regulations in all respects is a necessity. Failure to protect classified information can be disastrous."

### Compliance Is Necessity

"During peacetime industrial security is concerned with safeguarding classified information and other material from espionage efforts and the protection of industrial facilities and supplies from sabotage and normal hazards."

"Compliance with security regulations in all respects is a necessity. Failure to protect classified information can be disastrous."

It's smart to be safe.

## 'Clean Out And Throw Out' Is Spring Cleaning Time Watchword; Care Is Urged To Avoid Home Accidents While Ousting Hazards

### Cities Cooperating In Removing Trash

Like it or not — the Spring Clean-Up period for homes is at hand as well as the Spring Clean-Up Week observance at the Y-12 Plant.

"Clean out and throw out" is the watchword for Spring Clean-Up in all homes along about this time—not only to improve the looks of the home and its surroundings—but to eliminate the dangers of fire and accidents.

### Makes Homes Safer From Fire

House cleaning presents both hard work and hazards—but after it is all over there is the satisfaction of having a clean house, and housewives and their helping husbands can be sure of winding up with one thing of great value, a home that is safer from fire.

Just as Spring Clean-Up Week is being observed in the Y-12 Plant Area this week — similar observances are being held in Oak Ridge, Knoxville and many other nearby cities in which Y-12ers reside. Cooperation of all residents in these communities with the clean-up movement is urged—and the assistance of community services will be offered in removing accumulations of litter, rubbish and trash.

### Extra Pick-Up Service Set

Deputy Fire Chief L. H. Brock, of the Oak Ridge Fire Department, has asked all Y-12ers and other residents of the city to watch for a schedule of special pick-ups for such excess materials being published in The Oak Ridger and to have their extra trash piled up beside the regular garbage cans. Old magazines, trash from attics and basements and similar rubbish may be disposed of in this manner.

Home accidents are on the march during the spring months—and spring clean-up activities. Studies by safety authorities show the need for more than the usual caution on the part of house cleaners if they are to escape injuries from falls, burns, electric shocks and a host of other hazards that lurk around the average home.

### Mishaps Can Be Avoided

Feminine members of the household are particularly cautioned about the greater chances for injury that result from spring house cleaning activities. These chances arise from rearranging closets and storage spaces, removing unwanted articles, cleaning windows and curtains and other such work. Usually, these types of mishaps can be avoided with a reasonable amount of care.

Some good rules to follow are: (1) Take your time. Don't try to do too much in one day. Haste makes waste and inspires carelessness as well as sore muscles and general fatigue.

### Should Avoid Distractions

(2) Avoid as many distractions as possible — such as a blaring radio or television set. Let your mind be free to concentrate on the job at hand.

(3) Before starting house cleaning, be certain you have the proper tools to do each task correctly and safely. See that electrical appliances such as vacuum cleaners are in good condition and that the cords are not frayed and worn to produce dangerous short circuit sparks.

(4) Use only approved step-ladders for reaching high places—a chair or bench is a dangerous substitute.

### Watch Out For Scatter Rugs

(5) Keep a wary eye on scatter rugs and loose objects lying around rooms or on stairways as they may cause bad falls.

(6) Avoid leaning out of upstairs windows to shake out rugs or dust mops and do not sit on window sills while cleaning the outside of windows. This should be done from a ladder carefully placed outside the window. These suggestions for safe

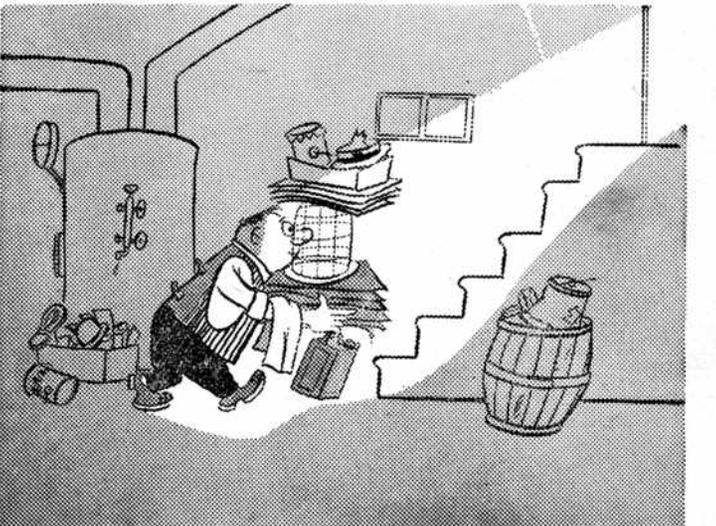
## CLEAN-UP -- DON'T BURN UP



NATIONAL BOARD OF FIRE UNDERWRITERS  
CLEANING OUT COMBUSTIBLE RUBBISH IS A GOOD WAY TO HELP PROTECT YOUR HOME AND FAMILY FROM FIRE.



NATIONAL BOARD OF FIRE UNDERWRITERS  
COMBUSTIBLE TRASH IS A FIRE HAZARD — BUT REMEMBER BURNING IT ON A WINDY DAY IS EVEN MORE DANGEROUS!



NATIONAL BOARD OF FIRE UNDERWRITERS  
CELLARS, ATTICS AND CLOSETS ARE OFTEN CATCH-ALL SPOTS FOR COMBUSTIBLE RUBBISH. CLEAN THEM OUT!

spring house cleaning are just a few that are offered—with safety-minded housewives being well aware of other possible hazards to avoid. House cleaning activities account for a large percentage of the more than 4,000,000 persons injured annually as the result of home accidents. Falls, alone, are responsible for at least 40 per cent of these injuries.

So don't turn this Spring cleaning into a bad Fall.

### LA-DE-DAH!

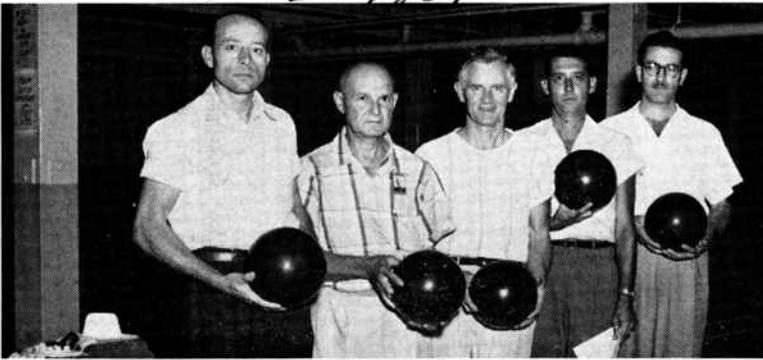
New on the market are pink or blue ceramic milk mugs with a gay whistle shaped like a bird so Junior can toot for a refill. In the dog department there is a flea-repellent and deodorizer pillow for Fido's restful slumber.

## Baby Boom Persists In U. S. As Births Number 4,100,000

The baby boom in the United States persisted through 1955, it is revealed by statisticians of the Metropolitan Life Insurance Co., births reaching a new high of approximately 4,100,000. This compares to 4,073,000 in 1954 and 3,965,000 for 1953. The 1955 total was at the rate of 24.9 births per 1,000 population in the country.

The babies born in 1955 in the United States had a good start in life, the statisticians note. Infant mortality declined to a new low rate of 26.4 per 1,000 live births, which is about one and one-half per cent below the previous minimum established in 1954 and 30 per cent lower than the 1954 rate.

# Y-12 KEGLERS TAKE MOST ALL CARBIDE HONORS



**TWO STRONG BOWLING TEAMS IN THE C LEAGUE** are pictured above. At left are the Deltas, second place outfit in the sizzling last half of the season race. From left the keglers are Harmon, House, Cromer,

Meadows, Wood and Strickland. The Glass Arms, fourth place team in the final round of play, are shown at right. The bowlers are, from left, Kern, Lush, Boone, Rogers and Blessing.

## Trippe And Koons Are Tops In Doubles

### All-Events Titles Swept By Plant Men

Y-12 men and women bowlers swept to victories in most of the events in the All Carbide Bowling Tournament that was concluded Sunday night. First places were taken in four brackets in handicap scoring and three in scratch.

A clean sweep was made by Y-12ers in the men's doubles when Hubert Trippe and Elmore Koons posted 1183 scratch and 1345 handicap scores.

In the men's all events Y-12ers took the first two places in both handicap and scratch. Joe Pryson had a 1732 scratch for tops and was second in handicap with 1885. Len Hart was second scratch with 1707 and Frank Galford first in handicap with 1936.

Paddy Peckman carried Y-12 to first in men's singles handicap with 613 and was second scratch at 592.

The Cubs, Y-12 team, was second in scratch with 2523.

In the women's division Betty Whitehorn and Mavis Koons successfully defended their scratch doubles crown with an 873. The Ripperettes, Y-12, were first in team handicap with 2904 and second scratch with 2199.

## Wasps Near Title In Classic Loop

The Wasps just about wrapped up the final round title in the Classic League in last week's bowling session by taking three points from the Screwballs while their nearest rivals could only divide their engagements. The Bumpers and Cubs duelled to a deadlock as did the Rippers and Swingsters. The Has Beens beat the Playboys for three, and two and one-half point wins were posted by the Rebels over the Tigers and Wolves over the All Stars. There are but two more nights of scheduled bowling and a roll off before the season ends.

Len Hart, Rippers, continued his high scoring with a 606 scratch series for the night but Joe Thomas, Cubs, took most scoring honors with a 236 scratch game, boosted to 270 with handicap, and a 699 handicap series. The Rippers had the best team scratch scores with a 867 game and 2552 series and the top handicap series of 2930. The Playboys had a 1035 handicap game.

Team	W.	L.
Wasps	3 1/2	6
Bumpers	24	12
Rippers	23 1/2	12 1/2
Riggers	20 1/2	15 1/2
Rebels	18 1/2	17 1/2
Cubs	18	18
Has Beens	16	20
Playboys	15 1/2	20 1/2
Wolves	14 1/2	21 1/2
Swingsters	14	22
Screwballs	12	24
All Stars	9 1/2	26 1/2

## SUPERINTENDENT MURRAY TO THROW OUT FIRST BALL

Y-12 Plant Superintendent John P. Murray will help the softball season get under way with a flair at 6 o'clock next Monday night by throwing out the first ball for the league opening. A big crowd of fans is expected to turn out at Pinewood Park for the occasion.

## Banner Softball Season For Y-12 Teams Will Open At Pinewood Park On Monday

Two things are for sure about Y-12 Plant softball activities this season.

One is that there are at least 13 teams ready to play ball when the season officially opens at Pinewood Park at 6 o'clock next Monday night, April 23, weather permitting. The other that a banner year is in prospect as a result of pre-season enthusiasm and organization of teams for the long diamond dueling ahead.

Yesterday, April 17, was the deadline for teams to enter competition for the season. Team managers were slated to have met then to make final decisions on rules and regulations and other details for the season. Immediately afterward the Recreation Department began the intricate job of drafting a schedule for the teams—a tough job because of the various work schedules of the competing teams. Copies of the schedule will be rushed to the managers prior to the opening date.

In addition to the 11 teams listed in The Bulletin last week as definite entrants for the season, the other two jumping into the picture are the Daylighters, an outfit from Alloy Maintenance with R. E. Seivers as manager; and a team not yet named from Product Processing G Shift employees and piloted by Jim Donahue.

## OR Golf Loop Starts Today

### Knoxville Opens May 5; Tourney Set Saturday

The Oak Ridge Golf League for Y-12 divot diggers is scheduled to get underway this afternoon, Wednesday, April 18, with another banner season of tight competition anticipated by the loop out at the Oak Ridge Golf and Country Club. Two other plant circuits have been formed, Knoxville groups to begin play Saturday, May 5, at the Whittle Springs course and the Rockwood loop already starting play on Monday of this week, April 16, at Rockwood.

### 10 Teams In Ridge Loop

The Oak Ridge league will play every Wednesday afternoon. Starting the season are 10 teams of two men each with four players to serve as alternates. The teams are George Mitchel - Nelson Tibbatts, Harold Ratjen - John Snyder; Bob Orrison - Harvey Saylor; John

## HARRIMAN, DEANE HILLS LINKS LEAGUES PROPOSED

Golfers of Y-12 and the Oak Ridge National Laboratory living in the Harriman and Deane Hills Country Club sections interested in organizing All Carbide golf leagues for those localities are asked to communicate at once with the Y-12 Recreation Department, Bldg. 9704-2, Room 221, phone 7751. Five teams of two men each are reported formed for the proposed Harriman league and more are sought.

Boyd - George Oliphant; Jack McLendon - Gentry Underwood; Jay Holzknicht - Paddy Peckman; Art Hines - Logan Emlert; J. P. Smith - J. Bartholomew; J. Patterson - J. Peterson; Fuzz Harris - Al Gillen. The alternates are Carl Dorr, Palo O'Neal, Jack Spears and K. R. Merrill.

A total of 15 teams are lined up for play in the Knoxville circuit. One week will be allowed to complete matches. The team lineup in this circuit is Gene Huskisson - Bill Wilburn, I. Speas - George Heins, C. Morgan - Joe Miller, Floyd Ludwig - George Wylie, L. Kovach - Phil Bremen, Arch Waitfield - B. Schappel, George Lockhart - George Peterson, Walt Sherrod - W. Arrowood, Al Barrasso - K. Cook, L. Cabe - R. Lowell, J. Hill - M. B. Hilton, Al Sawyer - B. Burrus, D. Berrier - Coy Herrill, Walt Simmons - D. Stroud and W. C. Countiss - Clyde Bowles.

A last-minute realignment of teams in the Rockwood league made it impossible to publish the roster until later.

### Tournament At Ridge Course

Meanwhile, players from all three leagues are making plans for the first Y-12 Golf Tournament of the season to be staged Saturday, April 28, at the Oak Ridge course. It is the first of a series to be held



"AIN'T HE A BEAUT?" So says Bruce A. Murr, Production Inspection, about the big smallmouth bass he caught recently in a fishing foray to South Holston Lake near Bristol. This lunker is a strong contender for honors both in the plantwide fishing rodeo that closes May 13 and also in the Y-12 1956 Fishing Contest that runs for the rest of the year.

## Brewer Drops Rung In Table Net Play

Red Brewer, Y-12's leading entrant in the Carbide table tennis ladder play, dropped from fifth to sixth position last week in play at the Wildcat's Den, Oak Ridge Turnpike and Robertsville Road where competition is staged every Monday night at 7:30 o'clock. Other Y-12ers on the ladder are J. B. Peters, 10th; J. D. Hall, 19th; G. B. Brown, 21st and D. F. Bougrand, 22nd. H. O. Day, Oak Ridge National Laboratory player, is in first place.

All Y-12ers wanting to play the fast game and compete against other Carbide players once a week are invited to come out to the Wildcat's Den every Monday night.

during the spring and summer with the locations being alternated between different golf grounds in the vicinity.

Tournament play will begin at 7 a.m. with all players being urged to be underway by 8:45 a.m. A greens fee of \$3 is charged for the event and no advance entry is required. All this is necessary is for a player desiring to compete is just to show up and start shooting.

Golfers in this tournament will be divided into three divisions, based on handicap prevailing at the end of last season. Players with handicaps up to 12 strokes will be in Division No. 1. Division No. 2 will include golfers with handicaps from 13 through 22 strokes. In Division No. 3 will be contestants with handicaps of from 23 through 36 strokes. Handicaps will be issued by the starter at the course Saturday morning.

Prizes of various amounts of golf balls will be given winners in the various divisions and also in a hole-in-one contest.



## Sooners Capture C League Bowling Crown From Q Balls

### Second Half Of Season Winners Continue March For Seasonal Honors In Tight Race

The Sooners, top team in the C League for the second half of the season, took the Q Balls, first half titlists, into camp for a three-point victory in a play off for the seasonal championship. It is expected that the Sooners will meet the champions of the Classic League in a post season match for the championship of the two leagues.

## Left Overs Extend Lead In All Carbide

The Left Overs lengthened their already substantial lead in the All Carbide Bowling League last week by posting an impressive white-wash win of four points over the Cannon Balls. Both are Y-12 teams. The Wheels, Oak Ridge National Laboratory quintet, closed the gap between them and the Bumpers, a Y-12 outfit, by winning a three-point decision. The No Names, K-25, and the Hawk-eyes, Y-12, battled to a draw in their scrap for the cellar position. The K-25 King Pins, in second place, and the Maple Moppers of Y-12, did not roll on the regular schedule but were to make up their match later in the week.

Len Hart, Left Overs, posted the high series score of the season in the scratch league with a sizzling 648. He had a 232 game, just three pins short of his seasonal and league high of 235.

### League standing follows:

Team	W	L
Left Overs, Y-12	45	7
*King Pins, K-25	37	11
Bumpers, Y-12	34	18
Wheels, ORNL	31	21
*Maple Moppers, Y-12	30	18
Cannon Balls, Y-12	13	39
No Names, K-25	8	44
Hawkeyes, Y-12	6	46

\*Were to bowl later in week.

## Mix-Ups Take Lead In League

The Mix Ups meandered to the top of the Mixed League of Y-12 Plant keglers last week by slapping the Strike Outs for three points while the Nip and Tucks ousted the Oleos from the top spot they previously held with a blistering blanking for four points. The Rocks rambled over the Pin Ups for three in the other match of the night as the league race tightened up all along the line.

The Nip and Tucks swept all team scoring honors for the night with a 594 scratch game, boosted to 783 with handicap, a 1725 scratch series and 2296 handicap series. Individual scoring tops were shared by four players. Harold Ratjen, Nip and Tucks, got a 171 scratch game. Sprouse, Pin Ups, posted a 218 handicap series. H. Oliver, Mix Ups, had a 475 scratch series for tops and Evelyn Tucker, Nip and Tucks, put the feminine contingent on the map with a 624 handicap series.

Team	W	L
Mix Ups	28 1/2	19 1/2
Oleos	28	20
Rocks	26 1/2	21 1/2
Pin Ups	22	26
Nip and Tucks	22	26
Strike Outs	17	31

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Continued from Page 2  
from an infected throat.

Development has no further data except that **F. B. Waldrop** is their newest member of the Proud Pop's Club.

**C. D. Scott**, in Baptist Hospital, Knoxville; and **R. G. Jenness**, in Oak Ridge Hospital; are receiving rapid recovery wishes from Development Operations.

Electrical Engineering sends its best wishes for happiness along with **Ruth Maddus**, who is going to devote her future time to domestic activities.

Production Analysis warmly welcomed **Jincy Dingus** and **L. W. Jenkins** back on the job last week after too-long sicknesses . . . Then sends good luck wishes to **Juanita Moore**, in Oak Ridge Hospital for an operation . . . **Nancy Payne** is in Florida on her last vacation before departing to assume the role of motherhood—best wishes, Nan. . . **Bill Pfeiler** has been vacationing in Oak Ridge . . . **E. Patrick (Pat)** and **Anna Ruth Roberson** leave April 21 for a wonderful trip to Europe—and the Colyum and all departmental pals are standing by for a detailed report on same when they return in May.

**INDUSTRIAL RELATIONS**

There'll be another red-headed Hines boy burning up golf links in these parts not so many years off—**Arthur J. Hines, Sr.**, Insurance Department, welcomed Art, Jr., as his son and heir April 10 at Oak Ridge Hospital—the youngster arrived at 4:39 p.m. and weighed seven pounds, two ounces to make Pop, Mom and big sister, Lelia Ellen, three years old, real happy.

**Cap'n Pat Dabbs**, of the Guard Department, is a proud Pop-In-Law—his son, **P. C. Dabbs, Jr.**, was married March 31, to the former Miss Mary Sue Sizemore—more on this next week, Cap'n Pat promises . . . **Lieut. J. B. Atchley** is lolling around Florida, fishing . . . **J. T. Fry** also is fishing—but a lot closer to home, over at Center Hill.

The Fire Department sends get-well wishes over to Oak Ridge Hospital for **Jerry Hasting**.

**MECHANICAL OPERATIONS**

**Jim Thorpe**, General Machine Shop, is doing his Spring Clean-Up Week job of coordinating at Oak Ridge Hospital . . . **H. F. Dick** is keeping Jim company at ORH. . . **E. A. Fritts** is in Baptist Hospital . . . Get-well wishes to them and also to the wives of **A. H. Johnson** and **F. E. Cox**, both in Ft. Sanders Presbyterian Hospital in Knoxville . . . Likewise to **J. C. Maples**, **H. F. Kidd**, **W. C. Slagle**, **M. D. Bates**, **J. B. Tilley**, **J. B. Fincher** and **R. L. Gilmore**, all with more or less serious ailments . . . **C. R. McGinnis** is mighty proud of that new aluminum boat of his . . . **W. T. Arrowood** is polishing up his golf game while vacationing in Knoxville . . . Condolences to **Charlie Blaha**, whose father-in-law died a few days ago in Kentucky.

A Mechanical Operations has sympathy for **W. B. Rutherford**, ill with the mumps . . . Also to the wife of **J. Neal**, ill in Oak Ridge Hospital . . . **L. K. Phillips**

**Rides Wanted, Offered**

Ride wanted or will join car pool from 111 West Gettysburg Ave., Oak Ridge, to West Portal, straight day. P. A. Cuthbertson, plant phone 7091, home phone 5-6232, Oak Ridge.

Two car pool members wanted from Washington Pike, Whittle Springs Area, via Atlantic Ave., Knoxville, to North or Central Portal, straight day. Ella Mae Koontz, plant phone 7771, home telephone 2-2281, Knoxville.

Ride or riders wanted or will join car pool from South Clinton to West or Bear Creek Portal, B Shift. C. B. Bridges, plant phone 7-8402, home phone 1005-M, Clinton.

Riders wanted or will join car pool from vicinity of Halls, Knox County, to any portal except West, straight day. A. D. Tucker, plant phone 7146, home phone Dial 92, Knoxville, then call 2-5831.

Riders wanted from Lenoir City to North Portal, straight day. Betty Brown, plant phone 7103, home phone 1304, Lenoir City.

Car pool member wanted from West Hills, Knox County, to any portal, straight day. Bob Chapman, plant phone 7298, home phone 8-9847, Knoxville.

Ride wanted from Broadway and Cedar Lane, Fountain City, to North or Central Portal, straight day. W. J. Leonard, plant phone 7-8678, home phone 6-0196, Knoxville.

Two car pool members wanted from East Drive, Oak Ridge, to North or Biology Portal, straight day. R. E. Cofield, plant phone 7344, home phone 5-4298, Oak Ridge.

and **J. L. Billings** are welcomed back after recovering from miseries.

**L. J. Taylor**, B Mechanical Operations, visited relatives and friends in Memphis, Tenn., and in Mississippi while vacationing . . . **O. R. Garmon** picked Birmingham, Ala., for his vacation . . . Get-well wishes to **R. E. Gibson**, sick at home in Blount County . . . Also to **H. Whaley**.

D Mechanical Operations has **A. E. Henderson** on the sick list and welcomes **E. E. Gouge** back from the casualty list.

"Keef," "Ave" or "Adlai"—Midtown ain't interested, it is awaiting the outcome of the bid of **H. D. Keylon**, F Mechanical Operations' gift to politics, for mayor of that fair community . . . The welcome mat was rolled out last week for **D. A. Lanham** and **H. W. Babb** . . . **A. B. Anderson** is another guy working around his house while vacationing . . . Not so for **R. L. Burrell**—he went fishing . . . **C. W. Stegall** and **J. L. Brown** are taking Dale Carnegie courses . . . Get-well wishes to the sister of **F. T. DuBose**, in Oak Ridge Hospital . . . Happy return to recently ailing **W. W. Raper**, **H. Loveday** and **N. J. Roberts**.

Before signing off entirely from Mechanical Operations — hark to words of wisdom from **Charlie Smith**—

"The most completely lost of all days is the one on which we have not laughed."  
Amen—so be it.



"AFTER THE STORM" is the title of this fine snapshot by Dave Alford, Beta Two, that brought him another first prize in the Y-12 Photographic Contest for the week ending April 4.



**CAROLYN SEABORN**, Instrument Engineering, took second prize in the Y-12 Photographic Contest for the week ending April 4 with this appealing picture of the baby of J. L. Noey, of the same department.

**Movie Of New Auto To Be Shown ASME**

**Continental Mark II Will Be Described**

Y-12 members of the American Society of Mechanical Engineers are expected to turn out in large numbers for the society meeting set tomorrow night, Thursday, April 19, when the group will see a 20-minute moving picture of the development of the Continental Mark II automobile. The meeting will be in the Acorn Room of the Oak Terrace with dinner beginning at 6:15 p.m., followed by a business meeting at 8 p.m.

Representatives of the Lincoln-Mercury Division of the Ford Motor Co., builders of the Continental Mark II, will answer questions on the new automobile in addition to showing the picture.

Reservations may be made by Y-12ers for the dinner with **W. R. Gall**, Bldg. 9204-1, plant telephone 7677.



HERE IS THE FIRST SET OF TWINS REPORTED born to a Y-12 family in quite some time. Parents are **J. B. Peters**, General Utilities, and **Mrs. Peters**. Mrs. Peters is holding Joie, who weighed seven pounds, nine ounces at birth; while Peters is holding son Johnnie, who checked in at six pounds, 11½ ounces. The youngsters were born March 1 and are flourishing at the family home, 110 Meadow Road, Oak Ridge. The Peters have one other child, a daughter, Jackie, four and one-half years old.

**'Chemistry Of Fluorine' Topic At ACS Meeting**

**Dr. William T. Miller To Speak Next Monday**

Dr. William T. Miller, professor of chemistry at Cornell University, will speak on "Chemistry of Fluorine and Fluorocarbons" at a meeting of the East Tennessee Section of the American Chemical Society next Monday night, April 23, in Oak Ridge. A dinner session at 6:45 o'clock at the Oak Terrace will precede the business meeting at 8 o'clock at the Robertsville Junior High School.



**Dr. Miller**

Fluorine is known as the most electronegative of the elements and its compounds tend to exhibit extreme and unique properties. For this reason the chemistry of fluoride, Dr. Miller will explain, provides an interesting study that is important both for the consideration of fundamental scientific problems and for practical application.

Dr. Miller received his A.B. Degree in 1932 and his Ph.D. Degree in 1935 from Duke University. His principal fields of research have been in organic fluorine chemistry and processes originated by him have been in wide use by the chemical industry.

During the war from 1941 through 1943, Dr. Miller was an official investigator at Cornell for the Office of Scientific Research and Development. From 1943 to 1946 he was connected with laboratories of the Manhattan Project at Columbia University and the Carbide and Carbon Chemicals Company.

**Spic And Span Plant Expected By Week End**

Continued from Page 1  
Spring Clean-Up campaign. Coordinators from Y-12 divisions include **E. L. Bentley**, Industrial Relations; **J. R. Thorpe**, Mechanical Operations; **George Jasny**, Chemical; **Frank Fuis**, Technical; **Troy Trotter**, Maintenance; **R. P. Waldrop**, Manufacturing Office; **W. A. Pfeiler**, Laboratory; **J. A. Liafsha**, Joe Smyrl and **W. G. Buturini** Alloy. Oak Ridge National Laboratory divisions in the Y-12 Plant Area are represented by **J. R. Lund**, **W. D. Buchanan**, **Robert Helton**, **C. P. McWright**, **Harbey Keese**, **J. E. Keeton**, **M. B. Marshall** and **E. T. Henson**.



**MURRAY A. PARRISH**, General Machine Shop welder, is proud of this fine string of fish he caught recently in West Tennessee while vacationing, as are his two youngsters, Don and Roger, peeping up from the bottom of the picture. The string of angling conquests include bass, crappie, catfish and bream, the largest being three and one-quarter pounds.

**ASM Chapter To Hear President Of Group**

**Oak Ridge Chapter Also Will Hold Election**

A talk on "Forged Pressure Vessels" by the president of the American Society for Metals will be featured at a technical meeting of the Oak Ridge Chapter of the ASM at 8 o'clock tonight, Wednesday, April 18. The meeting will be at the Oak Terrace and all Y-12 members of the chapter are urged to attend the session.

The speaker will be **A. E. Schaefer**, director of research for the Midvale - Happenstall Co., Philadelphia, Pa. He started with the company as a research metallurgist after graduating from the University of Pennsylvania in 1922. He has held various titles with the firm, including assistant engineer of tests, assistant production manager, executive metallurgical engineer, executive engineer, executive vice president and vice president in charge of engineering and manufacturing.

**First Quarter Safety Record Encouraging**

Continued from Page 1  
for all operations in the plant. Safety Department figures show that during the first quarter of 1956 there were eight disabling injuries in the Y-12 Plant Area—three in January, one in February and four bunched in the early days of March. These cost a total of 191 days lost time. The percentage of lost time accidents per 1,000,000 man-hours worked was 2.55 and the number of days lost per 1,000,000 hours of operations was 61 for the severity rate.

Burns caused five of the eight disabling injuries, two resulting from chemicals and three from other causes. The other three mishaps resulted from employees being struck by some object.

The severity rates for the first quarter of 1956 show a big drop from the final quarter of 1955 when 11 disabling accidents boosted the frequency rate to 3.61 and the severity rate to 133.

The number of lost time accidents in the first quarter of 1956 was exactly twice the number for the corresponding period last year.

Off-job mishaps in the first three months of 1956 amounted to 12 as against 15 the previous year. The time lost this year from these accidents was 118 days, the first time this figure has fallen behind the number of days lost from plant injuries in a long time.

Automobile accidents again led the number of off-job mishaps, seven being recorded to cause 83 days of time lost from work. There were three home accidents and two others, including off-job recreation accidents.