



# Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12



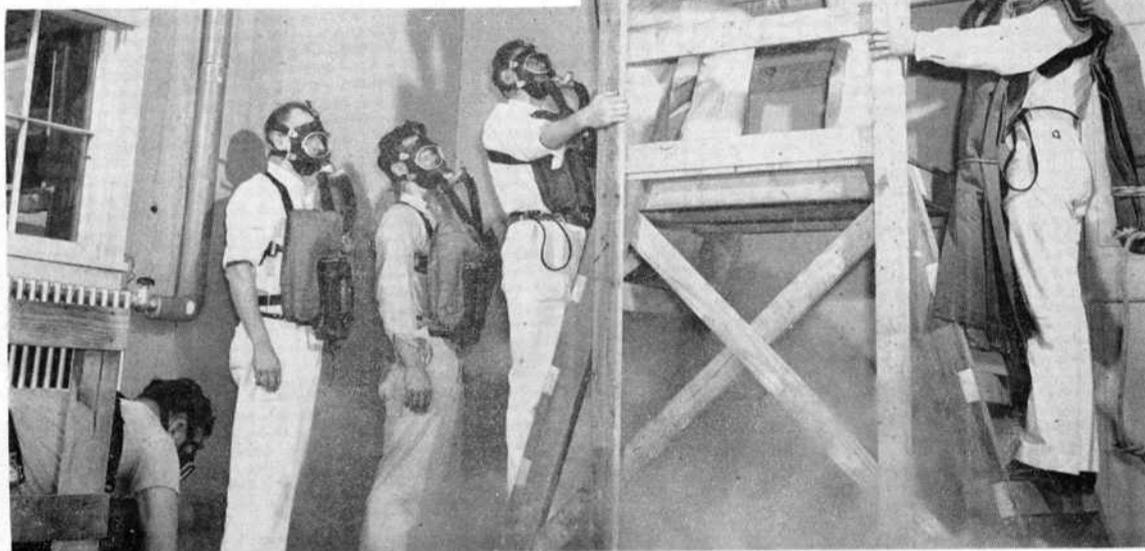
Vol. 3, No. 20

OAK RIDGE, TENNESSEE

Tuesday, May 18, 1948

THESE Y-12 EMPLOYEES ARE RECEIVING gas mask training in the gas chamber in Bldg. 9710-1. Left to right are R. L. Hutson, Dept. A14N; J. H. Nicholson, Dept. M12P; J. A. Griffin, Dept. H12L; J. T. Barker, Dept. B12H; Charles G. Yarber, Dept. B12H; E. J. Graves, Dept. B12H; and M. B. Potter, Dept. M12P.

Y-12 Photos By Vince Moore



## Y-12 Absentee Mark Hits 2.3 Per Cent

After establishing a new low absentee record of an even two per cent for the week ending May 2, the Y-12 attendance mark for the week ending May 9 took a slight drop with the result that the absentee figures for that period was 2.3 per cent. Four departments, all in the minor league, reported perfect attendance records for that week.

### Major League Race Close

The figures for the week ending May 9 were featured by the close race in the major league between the three leading departments. A newcomer took over top spot when Dept. A14N, Electrical Equipment Repair and Maintenance, jumped from eighth place to report an absentee mark of .47 per cent. Close behind with an absentee mark of .49 per cent was Dept. A17N, General Plant Maintenance, the third place department during the previous week. Dept. A13N, General Utility and Standby, the first place group for the week ending May 2, dropped to third place with an absentee record of .54 per cent.

Only two departments of the four in the minor league with perfect attendance records were repeaters from the previous week. These two were Dept. A13S, Tools;

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## Gas Mask Study In Emergency Plan Program

One of the most important features of the Y-12 Plant Emergency Plan is the training of certain employees in the plant in the use of the Chemox gas mask. This device is vital in rescue operations where an accident occurs to fill a room with gas or smoke that threatens to overcome the occupants.

By giving the gas mask training to rescue workers in certain buildings the Plant Emergency Plan provides protection for any employee who might be subjected to gas fumes in case of an accident. The trainees are instructed in how to don the mask and remove victims of such mishaps from a gas or smoke-filled building with a minimum of delay.

### Obstacle Course Set Up

The gas mask training is being given in a gas chamber in Bldg. 9710-1, the old fire station. The chamber is filled with formaldehyde gas and an obstacle course has been set up over which the trainees are required to travel wearing the gas masks.

Under realistic conditions, the trainees are required to climb ladders, crawl through tunnels, walk up and down inclines while carrying and dragging a dummy representing a person overcome by gas

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## Night Pictures Talk Set By Camera Club

An illustrated talk on night photography and a black and white print competition with the subject of the picture being children will be presented at the next meeting of the Carbide Camera Club at 7:30 o'clock Tuesday night, June 8, it has been announced by Foster F. Calloway, president of the club. The meeting will be held at club headquarters in the East Portal of the Y-12 plant.

The talk on night photography will be made by Nat Stetson, of Y-12, a member of the club and it will be based on material provided by the Eastman Kodak Co. Emphasis in the talk is placed on what can be done with simple photographic equipment and the lecture will introduce camera fans to an entirely new kind of fun and possibilities in their hobby.

The club held one of its best meetings Tuesday night, May 11, with one of the largest audiences in club history on hand. The meeting was featured by a color slide competition with criticisms being offered by Vince Moore, Y-12 photographer.

In the print contest, the subject being children, the first three prizes were won by Y-12 members. Don Ross took first place, Calloway placed second and Gilbert Mellen was third.

## Only This Week Remains To Pay Poll Taxes In Oak Ridge Office

All Y-12 employees are reminded that only this week remains in which they can pay their poll taxes in Oak Ridge for qualification as a voter in the coming county, state and national elections this autumn. After Saturday, the poll taxes must be paid at the Anderson County courthouse at Clinton.

Through 7 o'clock Saturday night, Oak Ridgers may pay their poll taxes and obtain receipts from Mrs. Van D. Hicks at Town Hall. The office set up by Mrs. Hicks as deputy tax collector under Anderson County Trustee Harlan La-

ruce will be open daily from 11 a. m. to 7 p. m.

A number of Oak Ridge civic organizations have been active in urging residents of the city to pay the poll tax, stressing the idea that it "is not how you vote—but vote" that characterizes the good American citizen.

In addition to payment of poll taxes, voters of Oak Ridge must register in the one of the four precincts in Oak Ridge in which they reside when the books are opened July 13, 14 and 15 to be eligible to vote in future elections.

## Y-12 Bulletin, Recreation Phones Merged

To speed up and increase the traffic in incoming telephone calls to the offices of The Y-12 Bulletin and the Recreation Office in the North Portal the two telephones now serving the two offices will be combined, effective Wednesday of this week.

The new number for both The Y-12 Bulletin and the Recreation Office will be 7-8252, the same as now listed for the Recreation Office.

## Beginning

# 'The Soviet Spies'

## An Intriguing Story Of How Canada Broke Red Spy Ring

The Y-12 Bulletin this week begins the serial publication of that thrilling story of Russian espionage in North America—"The Soviet Spies." Written by Richard Hirsch, former lieutenant colonel in the Military Intelligence Division of the United States War Department General Staff, the condensed version to be published in The Y-12 Bulletin with permission of the publishers is based on the statements of Canadian Government officials and the report of the Royal Commission of Inquiry. It reveals the whole shocking pattern of the Soviet espionage net, with headquarters in Canada, which involved Britain and the United States as well as Canada. Publication of "The Soviet Spies" is in the interest of national as well as plant security and it is urged that all Y-12 employees read every word of each installment to learn thoroughly the means used to acquire information regarding the wartime activities of the Canadian Government. Agents were recruited from such groups as teachers, students, scientific workers, office and business personnel, administrative groups and government employees. The selected agent usually had a high degree of education and was regarded by his fellow workers as having marked ability and intelligence.

Evidence shows that the subject of financial reward was carefully avoided at the time the first assignment was given the recruit as money would have acted as a deterrent rather than an inducement in the early stages of operations when the recruit was faced with the critical decision of entering into a conspiracy against his government. However, later money was pressed on the recruits and, like opium, was calculated to speed the moral corruption of those caught in the spy net. The entire espionage technique tended to develop the psychology of double life and double standards and "The Soviet Spies" bares this technique and points out the dangers confronted by this nation.

So don't miss any part of "The Soviet Spies" but learn through it how the espionage net operates so that if any symptoms of such activities arise in Oak Ridge they may be given immediate treatment.

### CHAPTER ONE

At 285 Charlotte Street in Ottawa, the Canadian capital, there is a three-story red-brick building with a sloping slate roof and high white porches, of a type favored by solid citizens in the late 19th Century, when they built large homes to raise large families. Early in 1942 it was taken over as diplomatic headquarters of the Soviet Embassy. The main portion of the house was used by Ambassador G. N. Zaroubin and his staff, while the rear wing, formerly the kitchen and servants' quarters, was closed off from the rest of the building by double steel doors and windows with iron bars and steel shutters. Here was located the secret cipher department where the highly technical tasks of encoding and decoding the secret dispatches to and from Moscow were performed.

For the sake of insuring absolute secrecy, each of the five sections of the Embassy maintained its own code, and had its own clerk in a sealed-off room. For example, the Military Section, headed by Col. Nicolai Zabolin, had one Igor Gouzenko stationed in its code room to handle the communications which went to the Director of Military Intelligence in Moscow. Cipher Clerk Gouzenko's code books were placed every night in a big steel safe which also held the secret diaries of the Military Attache. Similarly, the NKVD, or secret police, had its own means of sending messages to Moscow, as did the Ambassador, the Commer-

The Paramount Objective is to Assure the Common Defense and Security

... See. ATOMIC ENERGY ACT OF 1946

cial Attache, and the Chief of the Political Section.

### Handpicked For Responsible Job

Gouzenko, a grave-eyed, serious young man of 25, had been hand-picked for this highly responsible job. As a lieutenant in the Red Army he had undergone a long period of special training before being sent to Ottawa. He was a graduate of a special intelligence school conducted by the Red Army General Staff. He had seen front-line service, too—a long year of action during 1942, including the winter campaigns before Moscow. Finally, after a tour at the Main Intelligence Division of the Red Army, where his past behavior and his reliability were subjected to exhaustive inquiry by the NKVD, he was cleared for service abroad. He was sent to Canada in June, 1943.

He took his wife with him—tall, dark-haired Svetlana Borisovna. Soon after their arrival in Ottawa, their son, Andrei, was born. They had a small apartment at 511 Somerset Street, facing a park. The

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## 'About Carbide' Attractively Tells Many Facts About Company

To tell all Carbide and Carbon Chemicals Corp. employees in Oak Ridge of the overall operations of the Company an attractive and informative booklet, "About Carbide" tells in its fact-filled 39 pages the history of the company, company relationships, Carbide plants, products of the company, its associated companies and horizons. Impressively printed and profusely illustrated, "About Carbide" will hold attention of the reader from cover to cover and give Oak Ridge employees a full picture of the organization for which they

work. Historically, the booklet tells of the development of Carbide and Carbide Chemicals Corp. from its first plant at Clendenis, W. Va., in 1920 to its present nine plants, including the Oak Ridge installations operated for the Atomic Energy Commission. The war activities of the Company also are described.

A center spread of illustrations shows the varied Carbide plants at Texas City, Tex., Whiting, Ind., Niagara Falls, N. Y., Hastings, W. Va., Diamond, W. Va., Leach, Ky.,

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# Y-12 Bulletin

Published Weekly By  
Carbide And Carbon Chemicals  
Corporation  
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Oak Ridge Tenn.  
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## Plastics Symposium To Draw Attendance Of Y-12 Group

Many Y-12 technical and scientific personnel have announced their intention of attending the symposium on chemically and thermally resistant plastics sponsored by the Knoxville-Oak Ridge Section of the American Institute of Chemical Engineers to be held at Ferris Hall, University of Tennessee, Saturday, May 22. Arrangements for transportation from Oak Ridge to Knoxville may be made by communicating with A. C. Jealous at the Oak Ridge National Laboratory, telephone 6189.

Three Carbide employees from the K-25 plant are on the afternoon program of the symposium, which starts at 1 p. m., all speaking on Fluorothenes. They are S. H. Smiley, chief of the chemical engineering design and development department; Byron A. Kress, supervisor, unit operations of the design and development department; and D. C. Blue, supervisor, plastic development, design and development department.

R. K. Collins, of the Rohm and Hass Co., Knoxville, will be chairman of the symposium and Dean N. W. Daugherty of the University of Tennessee College of Engineering will welcome the visitors. Papers will be read by D. R. Williams, Dow Chemical Co.; E. R. Turnquist, Dow Chemical Co.; E. B. Yelton, E. I. duPont de Nemours and Co.; Dr. Stuart McLain, Oak Ridge National Laboratory; Shailer L. Bass, Dow Corning Corp.; and William A. Wiard, Dow Corning Corp.

## Additions To Y-12 Technical Library

### SOCIAL SCIENCES

HA 33—Grant, Eugene L., "Statistical Quality Control," N. Y., McGraw Hill, 1946. 563 pages.

HF 5736—Muller, Feith, Fruin, "Arrangement and Description of Archives," N. Y., Wilson & Co., 1940. 225 pages.

### MATHEMATICS

QA 154—Van Der Waerden, "Modern Algebra," N. Y., Ungar Publishing Co., 1940. 224 pages.

### PHYSICS

QC 318 — Schrodinger, Erwin, "Statistical Thermodynamics," London, Cambridge University Press., 1948. 88 pages.

QC 518—Page and Adams, "Principles of Electricity," N. Y., Van Nostrand, 1931. 620 pages.

### CHEMISTRY

QD 151 Ref. — Gmelin, Leopold, "Handbuch der Anorganischen Chemie," System-Nummer 35, Aluminium, issued in 14 parts, 1933-1941; System-Nummer 27, Magnesium, issued in eight parts, 1937-1942, Michigan, Edward Brothers.

QD 181.N6 — International Nickel Co., "Nickel and Nickel Alloys," N. Y., Caxton Press, Inc., 1947. 598 pages.

### TECHNOLOGY

TK 2491 — Glasco, Lebacqz, "Pulse Generators," N.Y., McGraw Hill, 1948. 741 pages.

TK 5571 — Hunter, Paul H., "Tele-Communication Engineer's Instrument Manual," N. Y., Caldwell-Clements, 1947. 169 pages.

Z Ref. — Wilson, H. W., "The Vertical File Service Catalog," N. Y., H. W. Wilson and Co., 1935-1947, Vols. 4 to 16.

Periodical — "Engineering and Mining Journal," beginning with January, 1948 issue.

Keeping your mind occupied is the way to keep our worry.



Y-12 Photos By Vince Moore  
MRS. AND MR. FREDERICK Parker Boody are shown above just after their marriage Saturday, May 8, at the Chapel-On-The-Hill. Mrs. Boody, before her marriage, was Miss Ruth Rich. The groom is with Dept. H12L in Y-12.

## Three Y-12 Men Elected To Junior Chamber Posts

Three Y-12 employees were elected to office for the coming year by the Oak Ridge Junior Chamber of Commerce and four others were placed on the board of directors last Wednesday night.

Homer G. Hunter was named internal affairs vice president, Fred J. Hurst elected external affairs vice president and William Hoover chosen secretary. G. C. Henderson, retiring president of the Jaycees, was elected to the board of directors with Leo F. Hemphill, A. K. Bissell and Ward Foster. All of these are Y-12 employees.

Other officers elected by the Jaycees include Arthur F. Schlanger, president; Gibson Morris, executive vice president; and Lester Cook, a former Y-12 employee, treasurer.

The new officers will assume their positions at the next meetings of the Jaycees Wednesday night, May 26.

## Gas Mask Training Feature Of Emergency Plan Program

(Continued From Page 1)

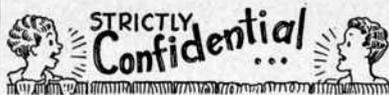
fumes. The Chemox mask is a self-contained generating gas mask and has been approved by the United States Bureau of Mines and the U. S. Navy. It may be used in all kinds of gasses that are injurious to the respiratory system. The canister of the mask, which provides oxygen for the wearer, contains potassium tetroxide and when moisture from exhaled air comes in contact with the potassium tetroxide a sufficient amount of oxygen is generated for breathing requirements.

The canister also absorbs the exhaled carbon dioxide and each canister will last for 45 minutes in actual use under any condition, but the mask is not recommended for use in temperatures below zero. The mask weighs 14 1-2 pounds, including the canister.

### Three-Hour Training Period

The training period in the use of the gas mask is three hours. It includes a description of the mask, instruction in principles of operation, use of the mask, how to remove and discard the canister and care and maintenance of the device.

To provide protection in all areas where emergencies might arise that would require use of the masks, two of them will be placed in each of eight first aid cabinets at convenient points in such areas. Ten masks are carried on the Fire Department's emergency equipment truck and one is carried by the Y-12 ambulance.



Dept. H12D extends get well wishes to Bill Ward who continues ill . . . C. E. Gillihan is vacationing this week . . . The department welcomes S. R. Buxton and J. H. Hackney into the Y-12 fold . . . J. S. Reece and R. H. Adams attended the meeting of the East Tennessee Section of the American Chemical Society at Bristol recently.

Athala Markland, Dept. A12M, and husband spent a recent week end at his home in Pineville, Ky.

E. C. Sharpe, Dept. H12L, and family spent a recent week end in Florence, Ala., where Sharpe did some fishing in the small streams around Muscle Shoals and reported fishing very good.

F. L. Garner, Dept. A12S, plans to visit Memphis during his vacation this week . . . J. L. Hamon plans to visit Cincinnati during his vacation this week . . . Pauline Jenkins was called to Baltimore, Md., because of the illness of her sister last week. The department sends get well wishes . . . The department also sends get well wishes to A. V. Bible's brother who is seriously ill in Morristown. Lynn Matheny Williams, a former Y-12 employee in Dept. A12S, reports the arrival of a new daughter.

R. K. Coffey, Dept. A13S, is vacationing this week.

Dept. A12R extends sympathy to Rosa Lowe whose stepfather died in Clinton, May 7.

Evan Means, Dept. A14N, was among the fishermen who hit the mountain streams at Tellico Plains when the trout season opened recently and bagged a total catch of three rainbow trout just over the minimum limit size.

Ann Hale, Dept. A12W, is attending the graduation of her daughter at Science Hill High School in Johnson City . . . Emil Vincens, is vacationing in Miami Beach, Fla., this week. Of course before leaving Emil oiled up the old golf outfit to take along . . . The department is happy to see Bob Morris back to work after an extended illness . . . Idana Devenish also has been on the sick list.

Roy M. (Red) James, supervisor of the Training Department, reports never a dull moment around the James household these days. A few days ago Mrs. James presented him with a fine red-headed son and not long after Boots, the James' prize cocker spaniel, checked in with eight sturdy little cockers, all to the delight of the head of the family.

Dept. A13J welcomes Sam L. Sullins, Jr., into the department.

George Ferrell, Dept. A16N, is spending a two weeks vacation fishing at Douglas Dam . . . We all congratulate R. E. Faulkin who is the proud father of twin boys born on Mother's Day at the St. Mary's Hospital in Knoxville.

Dept. A19N wishes a speedy recovery to Laura Kennedy and Pauline White who are on the sick list . . . Dora Johnson is vacationing at her home in LaFollette this week.

Polly Gammons, Dept. M12P, returned to work Monday after a week vacation.

Tom Mackey and Billie Boyd, of Dept. B12C spent a recent week end in the Blue Grass country of Kentucky . . . Nick ZaBenco and family picnicked at Fontana Dam recently.

Christine Sparkman, Dept. B12A, returned to work Monday after a week at Daytona Beach, Fla., with former Y-12 employee, Billie Lowery . . .

Bessie Martin, Dept. A137 spent last week vacationing at Monterey, Tenn., with her mother . . . C. D. Langley has returned from a recent vacation.

Nelson Tibbatts, Dept. A12N, Elmer Greene and Avery Kendig, Dept. A17N were fishing over a recent week end and Tibbatts thinks it is more enjoyable to be working on his boat as Greene took all the honors in the week end fishing . . . Each and everyone in the division is very sorry to hear of the accident to the son of J. C. Bresnahan. We wish him a speedy recovery . . . H. D. Duncan, Dept. A12N, and Gentry Un-



Y-12 Photos By Vince Moore

A GROUP OF WOMEN EMPLOYEES in Y-12 entertained Miss Linelle Dobbins, Dept. B12L, a bride-elect, with a shower May 6 at the home of Margaret Albritton, 133 Venus Road, who with Earline Smith Banic, were hostesses. In the top picture the guests, standing, left to right, are Earline Smith Banic, Irene Coleman, Ann Pedden, Virginia Long, Inez Heatherly, Anna Webb, Alice Jamison and Ruth Armstrong. Seated are Cora Hines Brundage, Mildred S. Johnson, Jincy Dingus, Miss Dobbins, Agnes McKnight, Virginia Pletz and Margaret Albritton. Miss Dobbins is pictured below.

## 'About Carbide' Tells Many Facts About Company In Book

(Continued From Page 1)

South Charleston, W. Va., and Institute, W. Va., in addition to pictures of the Y-12 and K-25 plants at Oak Ridge. "About Carbide" was written and printed before the Oak Ridge National Laboratory was taken over for operation by Carbide.

In discussion of Company relationships, "About Carbide" states that the reputation and character of a company is based on its direct relationships with its employees its customers, its stockholders or owners, and the community in which it lives. Concerning relationship with employees, "About Carbide" says:

"A company's relationship with each of its employees depends upon mutual respect, honest, fair, and friendly treatment, security, good wages, pleasant conditions of employment and opportunity for advancement. It also depends upon good work and job enthusiasm. Without question a company and its employees are both engaged in a venture upon which the economic life of each is grounded and determined."

derwood, Dept. B12A, are added on to the labor list at the Oak Ridge Golf and Country Club.

Vacationers in Dept. A15N include J. H. Stone who is visiting in various parts of Virginia. Billy Cobb is spending part of his vacation here in Oak Ridge and with relatives in Kentucky . . . Joyce Wendelkowski and husband spent a recent week end at Joyce's home in Benham, Ky.



## DOBBINS—GREENHILL

Miss Linelle Dobbins, of Dept. B12L in Y-12, will be married to Capt. Noble Franklin Greenhill, Jr., of the United States Army Air Force, at 7 p. m. Thursday, June 3, at the post chapel at Roswell, N. M.

The bride is the daughter of the late Mr. and Mrs. Joseph Russell Dobbins, of Epps, Ala., and the groom is the son of Dr. and Mrs. Noble Franklin Greenhill, Sr., of Montgomery, Ala.

The bride is a graduate of Alabama Polytechnic Institute, Auburn, Ala., and a member of the Alpha Gamma Delta Sorority. Captain Greenhill graduated from the United States Military Academy at West Point and now is stationed at the Walker Air Force Base at Roswell.

## Chorus Sets Last Concert May 27; Y-12ers In Cast

The final concert of the current season under auspices of the Oak Ridge Civic Music Association will be given Thursday night, May 27, by the Community Chorus at the high school auditorium.

The feature of the program will be the presentation of "Ballad For Americans" by Earl Robinson with Clarence Jett, of the Knoxville Male Chorus, singing the principal baritone role. Donald Grieser will direct the performance.

Among the chorus members are Phyllis Brown, John Coobs, Joseph Lee, Georgia Moore and John Redman, all of the Y-12.

Tickets for the final performance will be on sale at the Music Box May 26 and 27 and members of the ORCMA must pick them up there or at the box office before the performance.

Meanwhile the association has made plans for a renewal of memberships for the 1948-1949 season under direction of Mrs. L. Z. Dolan, chairman of the membership committee. Membership again will be limited to 500 and all present members are urged to renew their membership as soon as possible as many applications for last year had to be refused because they were received too late.



Five births were reported to Y-12 families at the Oak Ridge Hospital recently. Parents were Mr. and Mrs. George Fredric Leichsenring, a daughter, May 7; Mr. and Mrs. Ira James Shotts, a son, May 8; Mr. and Mrs. Robert Franklin Hibbs, a daughter, May 9; Mr. and Mrs. William Eugene Golden, a daughter, May 12; Mr. and Mrs. Robert Donald Ellingson, a daughter, April 29.

# CARDS MEET VFW IN FIRST LOOP TILT SUNDAY

## Perry Will Pitch; League Opens Friday

The Y-12 Cardinals, garbed in their new white uniforms trimmed in red and lettered "C" over a "Y-12," will open play in the Municipal Baseball League at 8 p. m., Sunday, May 23, against the Veterans of Foreign Wars nine under the lights at Oakwood Park.

Manager Arnold Tiller has not definitely decided on the starting Cardinal lineup in Y-12's curtain raiser but has announced the following probable batting order:

### Probable Batting Order Given

Martin, second base; Hale, short stop; Dodson, catcher; Burns, center field; Harmon or McAlister, third base; Dodd, left field; Holt or Shotts, right field; Thurman, first base and pitchers, Perry, Kappelmann and Wiggington.

Southpaw Lawrence Perry will take the mound when the Cardinals take the field against the VFW club as he showed plenty of old time form in the practice game with the Oak Ridge National Laboratory nine which the Y-12ers won 8 to 3.

### League Play Starts Friday

The Municipal Baseball League will make its 1948 debut at 8 p. m., Friday night when the Oak Ridge National Laboratory Nationals meet the Roane-Anderson Wildcats at Oakwood Park. Elaborate ceremonies will launch the new season which will include a parade in Townsite by the Oak Ridge High School band, a flag raising event and playing of the National Anthem by the band, and a first-pitch ball by Jack Franklin, manager of the Oak Ridge Operations for the United States Atomic Energy Commission. Season tickets at \$3 for adults and \$1 for 'teen-agers will be on sale at the park during the first few games.

### Schedules Through June Given

The next day, Saturday, same time, same place, the American Legion team meets the Community Stores nine. Rest of the Municipal Baseball League schedule for May and June follows (all games starting at 8 p. m.):

- May 24, Oakwood Park—AEC Patrol vs K-25.
- May 29, Oakwood Park — Roane-Anderson vs American Legion.
- May 30, Oakwood Park — Community Stores vs Y-12.
- May 31, New Park — VFW vs AEC Patrol.
- June 1, New Park — K-25 vs Oak Ridge Laboratory.
- June 2, Oakwood Park — American Legion vs Y-12.
- June 3, Oakwood Park — Roane-Anderson vs VFW.
- June 4, Oakwood Park — Community Stores vs K-25.
- June 7, New Park — AEC Patrol vs ORNL.
- June 8, Oakwood Park — Community Stores vs VFW.
- June 9, Oakwood Park — AEC Patrol vs American Legion.
- June 10, Oakwood Park — K-25 vs Roane-Anderson.
- June 11, Oakwood Park — ORNL vs Y-12.
- June 14, New Park — Y-12 vs AEC Patrol.
- June 15, New Park — K-25 vs American Legion.
- June 16, Oakwood Park — VFW vs ORNL.
- June 17, Oakwood Park — Roane-Anderson vs Community Stores.
- June 18, New Park — Y-12 vs K-25.
- June 21, Oakwood Park — VFW vs American Legion.
- June 22, Oakwood Park — Roane-Anderson vs AEC Patrol.
- June 23, Oakwood Park — Community Stores vs ORNL.
- June 24, New Park — ORNL vs American Legion.
- June 25, New Park — Roane-Anderson vs Y-12.
- June 28, Oakwood Park — Community Stores vs AEC Patrols.
- June 29, Oakwood Park — VFW vs K-25.

## Country Club Sets 'Mayflower Frolic'

A "Mayflower Frolic" dance will be staged by the Oak Ridge Golf and Country Club Friday night at the Grove Recreation Hall and dancing will start at 9 p. m. and end at 1 a. m. Dance music will be furnished by Skip Skipper and his orchestra. Tickets priced at \$2.50 per couple can be obtained at Y-12 from Harold Ratjen, Doug Lavers, Harold Duncan, Nelson Tibbatts, George Mitchell and Gordon Lindner. Y-12 members of the club can secure table reservations by phoning Bill Scott at 7071.



# S P O R T S

## Firemen Quell Guards In Opener Of Plant Softball Loop Season

About the most tired and abject looking object at the end of the inaugural Plant Softball League game played at Administration Field last Tuesday night was the brand new ball Y-12 Superintendent C. E. Larson neatly tossed out to Fireman Pitcher John Webb in the brief ceremony which launched hostilities between the Fire Department and the Guards. The Y-12 Fire Fighters won the season's opener by a score of 10 to 4 after piling up a first inning lead of 8 to 2.

McPherson, first up for the Guards in the initial stanza, walked after a 3-2 count. Rick Sparks bunted safely and McPherson advanced to second. Hall scorched a double into center and both McPherson and Sparks scored. After hitting Honeycutt, the next batter, Webb settled down and whiffed Shoemaker; then hit Rogers, but ended the Guard threat by also fanning Cantrell and Scott.

### Remine Wild On Mound

Pitcher Remine of the Guards started his turn on the mound by walking Roberts and followed by hitting the next two batters, Krouse and Braden. Roberts scored the Fire Department's first run when Webb beat out a slow roller to third. Johnson and Davis both walked and two more runs were forced across the plate. Argo fanned but McGill walked forcing in Webb. Moore also walked, pushing in Johnson, and then Roberts doubled past second scoring Davis and McGill.

Remine was replaced by Cantrell. Pitcher Remine showed plenty of stuff but could not control his speed ball which kept the Fire Fighters ducking like African dodgers. Hall hauled in Krouse's long fly to left after a hard run (Continued on Page 4)

## Termites Triumph In D Pin League

A three-point calorie feeding on the Calutrons enabled the Termites to capture the season's championship of the D Area Bowling League in a single playoff match staged at the Jefferson Alleys last Tuesday night. After dropping the first game on handicap scores of 906 to 918, the Termites came back strong to sweep the next two, 848 to 800 and 914 to 762.

Tommy Swindell paced Capt. Bill Tunnell's Termites with a scratch game of 188 and a 468 series. Frenchy Payment was high kegler for the Calutrons with a scratch series of 447.

First half honors in the Tuesday night D Area Bowling League had been captured by the Termites, while the Calutrons came home in first place in the second half. The final battle at the Jefferson Alleys ended the season for the league.

### TRAFFIC SIGNALS PLACED

Two new traffic signals are being installed as and to motorists at the junctions of New York and Georgia Avenues with Outer Drive. It has been announced.



Y-12 Photos By Vince Moore  
SHOWN HERE ARE THE NEW BASEBALL SUITS AND one of the new "rain and warm-up" jackets which the Y-12 Cardinals will wear when they take the field against the Veterans of Foreign Wars nine in their diamond clash slated for 8 p. m. Sunday, May 23, at Oakwood Park. First Baseman Frank Thurman, left, registers distinct approval as L. C. Martin, second baseman, says, "A slick slicker, eh, Frank!" Recreation Supervisor Arnold Tiller proudly holds the jacket tag which stamps the apparel as the same worn by major leaguers this season. The jackets will lend distinction to the Cardinals as they are the only Oak Ridge baseball team wearing them.



Y-12 Photos By Vince Moore  
ROY ROBERTS, LEAD-OFF BATTER FOR THE FIRE DEPARTMENT, fouls one in Picture No. 1 before getting a free ticket to first base in the last half of the first inning of the Plant Softball League inaugural at Administration Field last Tuesday. The striped T-shirt is Catcher Moore of the Guards. The man in blue is R. G. Williams who did a bang-up job of umpiring. Picture No. 2 shows Roberts crossing home plate with the initial run for the Fire Department when he scored on Webb's slow roller to Third Baseman Rick Sparks. Scene No. 3 is labeled "safe at home" and shows Rick Sparks scoring the Guard's second run in the first inning when he came all the way from second base on Hall's double to center. Picture No. 4 depicts Y-12 Superintendent C. E. Larson about to let go with the first-ball toss which started the first game of the season. Picture No. 5 shows Dr. Larson presenting Chief J. W. Hughey, of the Y-12 Fire Department, with the victory ball which was used in his team's 10-4 defeat of the Guards. To the left of Dr. Larson and assuming a wry smile is Chief Miles H. Bradford of the Y-12 Guards who expresses optimism that there will be a different result when the two teams clash again.

## Women's Tennis Team Opens Season Against K-25 Outfit

Capt. Virginia Spivey's Y-12 varsity tennis team will open the season in the Women's City Tennis League at 5:30 o'clock tomorrow night when they meet their K-25 Carbide cousins from out West Turnpike way. Play in the women's loop will consist of four singles and two doubles matches.

While waiting for league play to begin, the Y-12ers contested each other over the past week end in the Y-12 ladder tourney, jousting to ascertain who would play on the varsity and against K-25 in the curtain raiser.

Rosemary McNabb, a member of the Y-12 team, was elected president of the women's tennis league at a meeting held last week at the City Recreation offices. Juanita McReynolds, of K-25, again was elected to serve as the organization's secretary-treasurer, a post she held last year.

### JOAN GILLIAM WINS

Joan Gilliam who plays with the Y-12 varsity tennis team, and daughter of Frances Gilliam, of Dept. H12D, defeated Jimmy Robinson by a 6-2, 6-1, May 11, to win the senior high school tennis championship at Knoxville. The match was held on the Tyson courts. Trophies were presented the winners by the City Recreation Bureau.

The first A. E. F. was ordered to France to fight in World War I May 18, 1917.

## National Lab Racqueteers Wallop Y-12 Tennis Team

A powerful, pennant-contending Oak Ridge National Laboratory tennis team almost whitewashed Capt. Mal Wallis' Y-12 varsity racqueteers last Wednesday evening at the Jefferson courts in taking five matches out of six. However, the Y-12ers battled valiantly and flashed enough good stroking to indicate prospective improvement as the season gets older. The ORNL squad is composed of veteran Oak Ridge players, while Y-12's entry is more or less new to local competition.

Russ Baldock stemmed the tide for Y-12 when he swept a 6-0 set from Blacksher and tied the second set at 11-11, which by mutual agreement, will be completed later on for a decision. Pete Peterson took Mal Wallis in the first singles match, 7-5, 7-5; Hurst, Y-12, lost to Silverman, 6-4 and 6-1; Byrd, Y-12, lost to Towns, 6-2 and 6-1; Buckminster and Koons, Y-12, were defeated by Kyger and Reynolds, 6-1 and 6-3; and Harrison and Scofield, Y-12, lost to Lane and Greene by scores of 6-4 and 6-1.

The Y-12 team meets the Roane-Andersonites at 5:30 o'clock tomorrow night at the Jefferson courts in third round play in the Men's City Tennis League.

The first public demonstration of the telegraph between Washington and Baltimore was given May 24, 1844.

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## Y-12 Absentee Mark Hits 2.3 Per Cent

(Continued From Page 1)

and Dept. M13P, Product Process. They were joined by Dept. B12C, Chemical; and Dept. A12R, Cafeteria and Canteen, jumping from fourth and 11th positions respectively held for the week ending May 2.

### Laundry Drops From Lead

Dept. A19N, Laundry, which reported perfect attendance figures for six weeks in a row, dropped out of the lead to 11th place in the standings.

In second place in the minor league with an absentee mark of .70 was Dept. A12N, General Maintenance Office, Planning and Estimating, which advanced from third place. Jumping from 10th place to third spot in the standings was Dept. M12S, Steam Plant, which crowded Dept. A12N with an absentee record of .71.

The complete absentee record by departments for the week ending May 9 follows:

MAJOR LEAGUE More than 50 Employees			
Dept.	Absent Percentage	Standing	5-9-48
A14N	0.47	1	8
A17N	0.49	2	3
A13N	0.54	3	1
B13L	0.8	4	13
H12E	1.0	5	2
H12L	1.76	6	10
A12S	1.82	7	7
B12H	1.98	8	4
A12G	1.99	9	6
B12C	2.1	10	9
A16N	2.2	11	12
B12L	2.6	12	15
A14J	2.9	13	5
M12P	3.9	14	14
A12M	5.0	15	16
H12D	5.5	16	17
A12W	8.9	17	11

Group absentee percentage was 2.3 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE 15-49 Employees			
Dept.	Absent Percentage	Standing	5-9-48
A13S	0.0	1	1
M13P	0.0	1	1
B13C	0.0	1	4
A12R	0.0	1	11
A12N	0.70	2	3
M12S	0.71	3	10
A12T	0.1	4	7
A13T	1.1	5	6
A15N	1.5	6	2
B12A	1.8	7	8
A12J	3.8	8	1
A12L	4.0	9	5
A12D	6.1	10	12
A19N	6.2	11	1
A12A	7.0	12	9

Group absentee percentage was 2.2 per cent, .2 per cent higher than the preceding week.  
May 9, 1948, was 2.3 per cent, .3 per cent higher than the preceding week.

## Roberts Bowling In A.B.C. Tourney

Y-12's kegling king, Roy Roberts, Dept. M12P, journeyed to Detroit this week where he will compete in the American Bowling Congress annual tournament as a member of the Allard Upholstery Shop team of Oak Ridge. Five other Atomic City keglers will roll for the Allards, who captured the Oak Ridge City League title.

Roberts ended the 1947-48 local bowling season with a grand flourish in winning highest honors in at least two bowling leagues. As a member of the Comets, of the Y-12 Plant League, his game average of 176 was tops for the loop's individual efforts, and his 173 as a member of the Y-12 varsity team also was high for the City Industrial Bowling League.

leading to the rear balconies shared in common with other apartments on the second floor.

Here were seated an RCAF sergeant and his wife. He was smoking a pipe and reading the evening paper.

"Excuse me," interrupted Gouzenko. "May I speak with you?" The sergeant looked up in surprise.

"Sure, man, what is it?" he replied.

"Please do take my little boy with you tonight—something may happen to my wife and me."

"What's going to happen?" "Get killed," was the laconic reply.

No, neither Gouzenko nor his family were harmed—as a result of strict police protection. Don't miss the next installment of "The Soviet Spies" when further details of the spy ring activities will be revealed next week.

## 'The Soviet Spies' Is Intriguing Story Of How Canada Broke Red Espionage Ring

(Continued From Page 1)

neighbors thought highly of the young couple; they were quiet, courteous and dignified.

### Soul Racked By Turmoil

Gouzenko's outward appearance gave no clue to the ferment and turmoil which racked his soul. From his unparalleled vantage point he saw accumulate before his eyes the detailed operations of an espionage system which was directed against a country whose way of life he was coming more and more to respect and admire.

When Igor Gouzenko left his office at 8 o'clock on the night of September 5, 1945, he not only cut himself off irrevocably from his homeland, but he faced the threat of assassination. All day long he had worked at fever pitch, certain in the knowledge that what he was doing would be of ultimate benefit to all the free peoples of the world.

From the safe and the code sacks he had chosen key documents. Some were cables, some were diaries, some were torn scraps of paper which had been given to him to burn. Altogether they made a packet of considerable bulk, but by distributing them among his pockets and by pinning them beneath his shirt, he was able to avoid arousing the suspicions of the door guard, a member of the NKVD.

### Actions Of Utmost Significance

Safely past the doorman, Gouzenko walked away without a backward glance. Lost among the evening strollers, his spare, slender figure attracted no attention, either by his pace or demeanor. Yet his actions were to be of the utmost significance in their influence on the future relationships between nations.

Carefully he had thought out his task. He intended to reveal nothing less than the Soviet plan to establish in Canada an espionage base for use against not only the Dominion, but the United States and Great Britain as well. He intended to back up his assertions with incontrovertible documentary evidence. In return he would ask only for the protection of the Canadian Government for his wife and child. As for himself, he had weighed the risks, and thought that it was probable that he would be killed before his mission was completed.

Gouzenko walked to the offices of The Ottawa Journal and asked to see the editor. He apologized for not being able to explain his purpose.

"The editor is not in," he was told. "You can see one of his assistants."

### Information Of Great Importance

To the latter, Gouzenko explained that he had information of the greatest importance, not only to the people of Canada, but to the peace and stability of the world. From a coat pocket he took one of the numerous flimsy sheets in Russian typescript. "I have many documents," he said. "They should be studied by you."

The talk went on for almost an hour. So fantastic was Gouzenko's story, and so strange to the newspaperman was the collection of documents, that the latter was completely at a loss. Finally he said: "You'd better go to the police. They are the people to handle that sort of thing, not a newspaper."

It was then almost 10 o'clock, too late to accomplish anything until the next day.

The next morning Gouzenko and

his wife went to the Ministry of Justice, to the office of the Crown Attorney, Raoul Mercier. Here he spoke to Mrs. Fernande Joubarne, secretary to Mr. Mercier, explaining what he had done and what he proposed to do. He had his wife open her handbag in which the documents now reposed.

### Had Atomic Bomb Information

"Everything is here," he said, "including secret information on the atomic bomb. You must tell your government about this."

"The Crown Attorney is in court," said Mrs. Joubarne, "but I will try to put you in touch with the proper people."

She called the Undersecretary of State for External Affairs, Norman Robertson. He said: "Keep him waiting. I will seek instructions from the Prime Minister."

Gouzenko was anxious to get his story heard quickly. He knew that his absence at the Russian Embassy would arouse suspicions. But reaching the Prime Minister the morning of September 6 was difficult. It was the day set for the opening of a new session of Parliament.

At 11 o'clock, the Commons were seated in their chamber. It remained only for Prime Minister William Lyon Mackenzie King to enter and the ceremonies would begin.

### Prime Minister Gets Message

King was in the cloakroom off the main floor when an aide came up and whispered a few words into his ear. The Prime Minister went to the telephone.

"Sorry to interrupt you, sir," said Undersecretary Robertson, "but this is something which only you can decide." He told King about Gouzenko.

Mackenzie King replied, and these are his own words as later revealed to a special session of the Canadian Parliament: "This is a case where we cannot be too cautious. We do not know whether the documents are fabrications or not. We do not know his state of mind or anything of the circumstances which prompt his offer. I do not think the Government of Canada can take any action which would cause the Soviet Government to believe that we are prying into their affairs. Tell the young man to return to his Embassy with the papers he has in his possession."

It was too late for Gouzenko to do that. He and his wife went back to their apartment. For the time being there appeared no other place to go.

### Two Men Watch Windows

They went into the house by the back entrance. When they reached their apartment, No. 4, Gouzenko peeked out the window toward the park across the street. Seated on a bench opposite, he saw what he had feared—two men rather obviously watching his windows.

Early that night there was a knock on the door. Then came the voice of the Underlieutenant Lavrentiev of the Embassy staff. "Gouzenko—otkroyte dver!" (Open the door.)

The cipher clerk and his wife held their breath. But little Andrei ran across the floor toward a toy Teddy bear. He tripped, stumbled against the door. Lavrentiev made no attempt to enter, but he now knew the apartment was occupied.

Gouzenko picked up the child and went out through a back door

## Plant Softball Standings, Results

LEAGUE STANDING Games Through Thursday					
Team	W	L	T	W	L
Fire Dept.	1	0	0	0	0
Bldg. 9212	1	0	0	0	0
Maintenance	1	0	0	0	1
Calutrons	1	0	0	0	1
Wolves	1	0	0	0	1
Bird Cagers	1	1	0	0	2

Results of games from May 11 through May 14.

Team	R	H	E
Fire Department	8	20	0
Guards	2	20	0
Bldg. 9212	8	6	7
One-91	0	4	1
Maintenance	2	0	0
All-Stars	1	2	0
Calutrons	0	0	3
Isotopes	0	0	3
Dreamers	2	7	2
Bums	3	3	3
Bird Cagers	3	8	1
All-Stars	1	0	0

## Keglerettes Of Y-12 Out Of Pin Loop Title Chase

As the long, drawn-out schedule of the Women's City Bowling League continues dragging, games lagging, the Y-12 keglerettes all afagging, found their scores and hopes sagging when they dropped a triplicate to the Dodgers. The three-game bagging by the Dodgers definitely put the Y-12ers out of the race for first place as they now trail the loop-leading Oak Ridge National Lab gals by eight full games with just two matches left on the schedule.

Y-12 lost last Thursday night's matches to the Dodgers by scores of 638 to 668, 653 to 703, and 633 to 700. Individual Y-12 scores were Roberts 132, 127 and 149; Hart 123, 117 and 140; Prestin 111, 125 and 111; and Tucker 162, 174 and 123. The fifth Y-12 bowler was absent. Y-12 meets Roane-Anderson Thursday night at the Grove Alleys.

League standing follows:

WON	LOST	WON	LOST		
ORNL	67	26	Fairchild	46	47
Y-12	59	34	Jeff.	45	48
R-A	54	39	Grove	40	53
Dodgers	52	41	Ford Motors	39	54
K-25	47	46	Pv Mchnts	32	61
Morats	47	46	Castoffs	30	63

## Girls' Softball Team Ends Practice Work This Week

Capt. Ray Ledford's girl's softball team and Y-12 entry in the Women's City Softball League will wind up practice this week when they meet the Roane-Anderson lassies at 5:30 o'clock tonight and again Thursday night at the same time. Both practice game sessions have been booked for the Midtown diamonds.

The league opens play on Monday, May 24, but who the Y-12 team would meet in its first game was not ascertained as the City Recreation Office had not made up the schedule as The Y-12 Bulletin went to press.

### CHICKEN PIE ON MENU

Those Y-12 employees who are fond of good and wholesome old-fashioned food will receive a special treat tomorrow at the Y-12 Cafeteria where chicken pot pie will headline the day's menu. George McNamee, Superintendent of the Y-12 Cafeteria, in making the announcement about Wednesday's feature bill, says serving up the now famous Y-12 chicken pot pie is by popular demand.

### BONUS BLANKS AVAILABLE

All Y-12 veterans of World War York State and have not received the bonus granted by that state may obtain applications for the bonus from Paul Ward, of the Y-12 Housing office in the North Portal Building.

## Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week: Laura D. Kennedy, Dept. A19N; Pauline White, Dept. A19N; Lucile A. Murphy, Dept. M12P.

If leaves of a book become damp, sprinkle cornstarch between them. This will dry them and prevent mildewing.

## Firemen Top Guards In League Opener

(Continued from Page 3)

but Moore scored after the catch for run No. 8. Braden grounded out to end the hectic inning. Rest of the game resolved itself into a mound duel between Webb and Cantrell. First home run of the new season was smacked by Hall of the Guards in the second inning, a terrific drive over the left fielder's head.

### One-91 Team Is Swamped

In the second game of the tripleheader opener Bldg. 9212 boys unleashed a devastating batting attack which swamped the One-91s to the tune of 23 to 5. While the Bldg. 9212 moundsman Frank "Red" Darby had the 91s well under control, his teammates were larruping starting pitcher Stukenbroeker and relief hurler Fultz for 17 hits which included round-trippers by Wright, Mustin and two homers by Barden. Barden and Campbell led the Bldg. 9212 attack, each getting three hits in four times at bat. Just one hit was garnered off Red Darby's slants and that was a lonesome single by Smith.

The third game was a walkathon when the pitchers on the mound for the All-Stars donated the Maintenance batters 14 free tickets to first base which combined with 10 hits netted the "fix 'em up and keep 'em running boys" 19 runs to the All-Stars nine runs on just nine hits. Dunlap and Martin were the heavy hitters for the Maintenance crew as each hit three for five. Marrow and Defender each got two hits to lead the All-Star batting.

E. G. Williams officiated at all three games and his decisions met with decided popular approval of fans as well as the players.

### Dreamers Have Nightmare

Another tripleheader Thursday night saw the Bums and Dreamers stage a bum dream as their nightmare ended in a—believe it or not—29 to 29 tie. That's all, brother.

In the other two tilts at Administration Field Thursday the Calutrons whipped the Isotopes, 13 to 5 and the Bird Cagers walloped the All Stars by the score of 14 to 3.

Because of a lack of understanding regarding the eligibility of a player, the Bird Cagers lost a 7 to 0 forfeit to the Wolves Wednesday night, although the Bird Cagers outscored their opponents on the playing field.

This week's schedule:

Tuesday, May 18—Administration Field, Guards vs Bums, at 5:30 p. m.; Isotopes vs Wolves, at 7 p. m.; Calutrons vs Dreamers, at 8:30 p. m.

Wednesday, May 19—Jefferson Field, Fire Department vs Bldg. 9212, at 6 p. m.

Thursday, May 20—Administration Field, All-Stars vs One-91s, at 5:30 p. m.; Isotopes vs Bird Cagers, at 7 p. m.; Bldg. 9212 vs Maintenance, at 8:30 p. m.

Friday, May 21—Administration Field, Wolves vs Calutrons, at 5:30 p. m.; Guards vs Dreamers, at 7 p. m.; and Bums vs Fire Department, at 8:30 p. m.

### POPPY SALE SET

Sale of memorial poppies by the American Legion Auxiliary will start May 28 and continue through May 29, it has been announced by Mrs. Ben B. Addison, poppy chairman of the local unit. All poppies to be sold here on those two days will come from Johnson City where they were made by World War veterans hospitalized at that place.

### CARBIDE WIVES TO MEET

Wives of Carbide employees in Y-12 have cordially been invited to attend the regular monthly meeting of the Carbide Wives in the East Lounge of the Ridge Recreation Hall at 7:30 p. m. tomorrow night. Hostesses will be Mrs. Oral Rinehart, Mrs. J. A. Elkins, Mrs. Harold Woodall, Mrs. J. B. Marcum, Mrs. K. W. Mercner and Mrs. P. T. Farley.

For a quick cake icing place one or two chocolate bars on the cake while it is still warm and spread them as they melt.