



E. C. Cain

## Cain To Become Division Head In Paducah Unit

**Former Y-12er Will Be Industrial Relations Division Superintendent**

E. C. Cain, better known as "Ed," to throngs of Y-12ers, is to be Superintendent of the Industrial Relations Division of the new Carbide plant at Paducah, Ky., to be operated by the Company for the Atomic Energy Commission. The announcement was made last week by A. P. Huber, Plant Superintendent of the new Kentucky operations, formerly Assistant Plant Superintendent of the K-25 plant in Oak Ridge.

Cain was Assistant Y-12 Superintendent in charge of Industrial Relations before his transfer to K-25 last June 26.

Appointment of Huber as Plant Superintendent of the Paducah project was made several days ago. Last week he also announced several other appointments in addition to that of Cain. They included J. A. Elkins, Superintendent of the Manufacturing Offices Division; Howard House, Superintendent of Electrical and Instrument Maintenance; and R. A. Wrinkle, Superintendent of General Maintenance.

Cain came to Y-12 on June 18, 1943, serving seven years in this Carbide unit. His badge number in Y-12 was 718, attesting to the early date he was employed. His first position was that of Supervisor of Employment. Then successively he was Superintendent of Personnel, Superintendent of Industrial Relations and on February 10, 1948, he was appointed to the position he held when he was transferred.

Before coming to Y-12 Cain was Tennessee State Supervisor for the United States Employment Service. In that capacity he was responsible for thousands of workers coming to Oak Ridge before he joined the Y-12 organization.

He is a native of Rutland, Vt.

## Supervisory Training Program Going Well

The current plant-wide Y-12 Supervisory Training Program for all levels of supervision, which started in October 1950, got away to a good start and is progressing smoothly. The program consists of 13 sessions covering all phases of supervisory training and problems likely to be encountered by supervision in Y-12 work.

The program for each session is first presented to the Y-12 Policy Committee for final approval before being offered to the rest of the plant and then is passed on to department heads, supervisors and foremen. The sessions are held in quarters of the Training Department, second floor, Bldg. 9704-2.

### Most Complete Two Sessions

Practically all supervisors in the plant have completed the first and second sessions of the program and one-third have finished the third session. A schedule covering the first six sessions has been issued and the rest of the program will be launched when the original schedule is completed, about the middle of March. Makeup sessions now are being scheduled to provide opportunities for supervisors

Continued on Page 2



Y-12 Photo By Vince Moore

**HERE ARE THE 'FIGHTING FIVE OF Y-12' ALL IN ONE bunch.** The quintet, all Y-12ers, enlisted in the United States Air Force and expect to leave about January 17 for Lackland Field, Tex., near San Antonio, for training. From left they are Charley Kirkwood, W. A. Maddux, his brother, C. J. Maddux, Harold Little and Richard Garland. All are graduates of Oak Ridge High School and came to work in Y-12 last summer.

## Food Now Is Available Seven Days Weekly At Certain Hours In Two Y-12 Cafeterias

Food now is available to Y-12 employees at two plant cafeterias seven days weekly on new operation schedules recently announced. Service at the main cafeteria will be available on the 7 a. m. to 3 p. m. shift Mondays through Saturdays. The Saturday service will be on a canteen basis with sandwiches, chili, deserts and other similar foods served.

In addition sandwiches will be available at the main cafeteria on the 7 a. m. to 3 p. m. shift on Sunday. Group orders can be filled during these hours.

Extended hours of operation for the Bldg. 9212 cafeteria also have been announced. This cafeteria will be open seven days a week on the 7 a. m. to 3 p. m. shift and Monday through Saturday on the 3 p. m. to 11 p. m. and 11 p. m. to 7 a. m. shifts. No Sunday service will be available on the latter two shifts at this cafeteria.

### SAFETY SCOREBOARD

Your Plant Has Operated

108 Days

Without A Lost Time Accident

Through January 7

## 20 Candidates Put On Slate For Credit Union

**Membership Will Vote Later This Month For Directors, Two Groups**

A slate of 20 candidates, representing all levels and sections of Y-12, has been prepared for the membership of the Y-12 Employees Credit Union when it meets later this month to select officers for the coming year. No date has been selected yet for the meeting as the audit of the first six months' business of the credit union has not been completed for presentation to the membership at the annual meeting.

### Love Headed Nominating Body

The slate of candidates was prepared by a nominating committee appointed by Don Phillips, of the Materials Chemistry Division and president of the credit union. Members of the committee are Leon O. Love, of the Isotope Research and Production Division, chairman; G. C. Henderson, Safety; J. R. Thorpe, Maintenance Shops; W. F. Ford, Electrical Maintenance; and M. J. Fortenberry, of the Materials Chemistry Division. The committee itself is composed

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## AEC Member And Manager Will Visit Y-12 This Week

The Y-12 plant and other atomic energy installations in Oak Ridge operated by Carbide for the Atomic Energy Commission will be visited by three high officials this week.

Atomic Energy Commissioner Thomas K. Glennon, the newest member of the commission; Marion Boyer, general manager of the AEC; and Walter J. Williams, director of the division of production for the AEC; will come here from Washington to spend Thursday, Friday and Saturday. They will inspect Y-12 facilities Thursday and Saturday.

## These Nominees For Office To Be Voted On By Credit Union Membership

These Y-12ers Have Been Nominated For Membership On The Board Of Directors With Seven To Be Elected



J. P. Blakely



C. A. Cooper



P. C. Dabbs



Chester Estes



W. H. Hoose



K. O. Johnsson



Trasda Joiner



E. W. Means



Don Phillips



Joe L. Williams

Nominated For Credit Committee—To Elect Five

Supervisory Committee Nominees



Lewis Childs



Gordon Fielding



Paschal Hamrick



C. O. Johnson



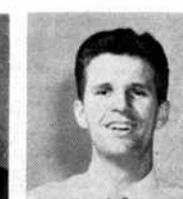
R. E. McGill



G.L. Stukenbroeker



C. D. Susano



Ward Foster



Clarence Johnson



Nelson Tibbatts

# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
**CARBIDE AND CARBON  
CHEMICALS DIVISION**  
Union Carbide And Carbon  
Corporation  
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Oak Ridge Tenn.  
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## Supervisory Training Program Going Well

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unable to attend sessions already held because of work schedules, holidays and vacations, to get full benefits of the program.  
All sessions held to date have been well attended and received by all levels of supervision and the Training Department has noted attendance of a number of new supervisors and foremen, some being recently promoted to their positions and others new employees.  
**Topics Of Sessions**  
Subjects of the different sessions presented are, in order, (1) Principles of Organization and Effective Management (2) Individual Output and Problems (3) Getting Ideas Across (4) The Will To Produce (5) Understanding People (6) Individual Adjustment (7 and 8) Employee Benefits (9 and 10) Hours of Work (11) Security (12) Emergency Plan and (13) Safety.

## Carbide Wives Set Party January 17

The Carbide Wives will hold their monthly card party next Wednesday night, January 17, at 7:30 o'clock in the Ridge Recreation Hall. All Y-12 wives are invited to attend the session when bridge, rummy and canasta will be played.  
New members recently elected to the executive board were Mrs. George L. Stukenbroeker, wife of a Y-12 employee; Mrs. Raymond A. Koteski, Mrs. Howard Shoptaw and Mrs. John T. Turner. Retiring members are Mrs. Robert W. Atteberry, Mrs. Oliver Parker, Mrs. Carroll Mills and Mrs. Randolph Paluzelle.



Only one Y-12 employee was listed as a father of a baby born at the Oak Ridge Hospital last week. He was Forrest R. Duncan, who became father of a baby girl born January 2.

**TARGET POLIO**

Join  
**MARCH OF DIMES**  
JANUARY 15-31

## Newcomers Take Lead In Attendance List

Newcomers took over all three top places in the Major League attendance standings for the week ending December 31 with the Assay Laboratory climbing from ninth to first place and turning in a perfect attendance record in addition. Second place in the Major League, composed of departments with more than 50 employees scheduled, was taken over by the Analytical Laboratory with an absentee mark of .3 per cent and which held seventh place the preceding week. In third place was the Guard Department with 1.4 per cent of its personnel absent and which advanced from fourth place.

The plant-wide absentee record for the last week of the year was 2.9 per cent, an increase of .4 per cent over the week ending December 24.

Four departments in the Minor League of groups with 15-49 employees scheduled repeated "all present" records established for the week ending December 24 when records for the week ending December 31 were compiled. They were Steam Plant, Transportation, Receiving and Shipping and Property Sales.

Two other departments reported perfect attendance records for the week ending December 31 to join the four previously mentioned. They were General Maintenance Office, in third place the preceding week; and Property, which advanced from 10th position.

Second place in the Minor League was retained for the second week in a row by the Cafeteria, which had an absentee record of .8 for the latest reporting period. In third place was Plant Engineering with .9 per cent of its personnel absent and which held 11th place the previous week.

The plant-wide absentee record for the week ending December 31, by departments, follows:

Dept.	MAJOR LEAGUE More Than 50 Employees Scheduled	
	Percentage Absent	Standing
2283	0.0	1
2282	0.3	2
2091	1.7	3
2015	2.3	4
2616	2.4	5
2003	3.3	6
2619	3.6	7
2142	4.6	8
2014	5.3	9
2077	5.6	10
Group absentee percentage was 3.0 per cent, .4 per cent higher than the preceding week.		

Dept.	MINOR LEAGUE 15-59 Employees Scheduled	
	Percentage Absent	Standing
2743	0.0	1
2008	0.0	1
2143	0.0	1
2145	0.0	1
2002	0.0	1
2140	0.0	1
2107	0.8	2
2060	0.9	3
2200	1.4	4
2046	1.5	5
2064	2.2	6
2018	2.5	7
2001	4.37	8
2133	4.38	9
2739	4.5	10
2096	4.8	11
2108	5.7	12
2090	6.7	13
2109	7.7	14
2005	9.4	15
Group absentee percentage was 2.8 per cent, .4 per cent higher than the preceding week.		

The plant average for the week ending December 31 was 2.9 per cent, .4 per cent higher than the preceding week.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Vera C. Love and Colleen F. Lockmiller, Analytical Laboratory; William G. Vann, Stores; Abe L. Snapp, Maintenance Shops; M. Carl Becker, General Maintenance Office; Elizabeth C. Johnson and Iva B. Mitchell, Chemical; and Carroll B. Mills, Electromagnetic Research Division.



**SANTA CLAUS COULDN'T HAVE BROUGHT A MORE LOVABLE OR ACCEPTABLE GIFT than he did to Robert L. Quinn, of the Y-12 Protective Equipment Evaluation Program Group, and Mrs. Quinn, shown above with little Carol Quinn, who arrived at the Oak Ridge Hospital on Christmas Day. Carol is the first baby born to the Quinns and weighed eight pounds, two ounces at birth. As vividly brought out in the picture she is quite the apple of her parents' eyes.**



It musta been somethin' like "old home week" for a couple of former Y-12ers at the Cotton Bowl game in Dallas. Reports reached The Bulletin that Morris (Shorty) Hetzler, now an Oak Ridge dealer in edibles, while at the Bowl game spied one L. H. (Sky) Barker and Mrs. Barker sitting in a nearby section. (Sky must have had his hat off at the time.) Anyhow the pair got together and Sky, now with Texas Eastman at Longview, sent his regards to one and all. Shorty reports Barker was Texas-broken, ten-gallon hat and all—but still rooted for the Vols.

The Materials Chemistry Division reports that E. J. Greeley has had his parents, from Schnectady, N. Y., as guests since December 19. They plan to go from Oak Ridge to spend the rest of the winter in Florida, just visiting around and seeing the sights.

Sue McKinnon, of the Analytical Laboratory, has returned after a two-week vacation spent in St. Louis, Mo. . . . Charles Gurney spent a week of vacation in Miami, Fla. . . . Nancy Shobe spent a week of vacation at her home in Dresden, Tenn. . . . Bonnie Anderson spent a week of vacation in Greymont, Ga. . . . Anna Ruth Roberson has returned from a week of vacation spent at her home in Cookeville, Tenn. . . . Ed and Martha McCombs spent a recent week of vacation with his family in Chicago, Ill. Martha May and her husband attended the Cotton Bowl game in Dallas, Tex., and visited Martha's sister, Sugar Smith, former "Miss Tennessee," while there. . . . Yvonne Hines and her husband, Ray, were also in Dallas, Tex., for the Cotton Bowl game. . . . Daisy Ward and her husband, Roy, had his son, Wayne, from St. Louis University, home for the Christmas holidays, which they spent at Daisy's home in Kentucky.

The Research Engineering Department welcomes Wilma Miller, sister of Winnie Miller, of Employee Relations, to the roster.

Shirley Honeycutt, of the Guard Department, is on two weeks of vacation.

Dave Turner, of the Fire Department, is attending the Fire Department Instructors Conference in Memphis, this week.

Walter Cameron, of Chemical,

and his wife, Beatrice, of Uranium Control and Computing, visited Walter's relatives in Champaign, Ill., while on a week of vacation. . . . John Ramsey spent a week of vacation at home in Oak Ridge. . . . The department wishes to congratulate Carl M. Jones on the birth of a baby girl, December 27, at St. Mary's Hospital, in Knoxville.

Emma Puckett, of Stores, flew to Biloxi, Miss., to visit her brother, Powell, and attend the Sugar Bowl game in New Orleans, during the New Year holidays. . . . Georgia Rader and Faye Cook drove to Kentucky for the New Year holidays. . . . Paul Brownlow spent the New Year holidays at his home in Johnson City; while G. H. Booth went over to Rockwood to spend the holidays with his brother.

Charles Boyd, of the Analytical Chemistry Division, spent a week of vacation in Arkansas. . . . John Lund had his sister from Kansas, as a recent guest here in Oak Ridge. . . . The department welcomes Sue McKinnon to the roster.

Ernest Reagan, of Field Maintenance, spent two weeks of vacation at his home in Madisonville, Tenn.

The Utilities Maintenance Department wishes A. W. Byford, who is in the East Tennessee Baptist Hospital, a speedy recovery.

The Tools Department wishes a speedy recovery for John Henley, who is in the Thayer Hospital in Nashville.

Get-well wishes are extended to Helen Cunningham, from the Manufacturing Offices.

Buildings and Grounds extends sympathy to C. B. Hopkins, at the recent loss of his father in Florence, Ala.

Nancy Garrison and Phyllis Johnson, of Uranium Control and Computing, spent a week of vacation in Miami, Fla., and attended the Orange Bowl game while there. . . . Madeline Franklin spent a recent week of vacation at her home in Hickory, N. C. . . . Virginia Swanner vacationed for a week in Alabama.

Ozell Pass and Eula Hayes, of the Assay Laboratory Department, spent the New Year week end in Nashville, with Ozell's sister, Mozelle, a former Y-12er. . . . Mary Katherine Householder spent a two-week vacation at her home

## Purdue University Scientist To Address Seminar Meeting

Prof. Owen Gailor, of Purdue University, Lafayette, Ind., will speak at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, January 12. The meeting will be held in the East Lounge of the Ridge Recreation Hall.

Professor Gailor will speak on "Nuclear Tracks In Photographic Emulsions." All Y-12ers interested in the subject are invited to attend the session.

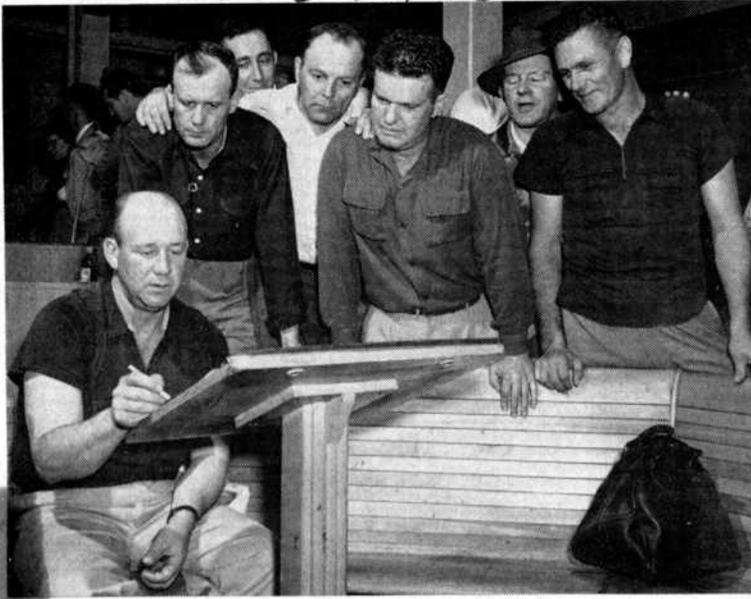
in Pigeon Forge, Tenn. . . . Dora Whaley attended the Cotton Bowl game with Elva Joyce Combs, of the Analytical Laboratory, and her husband Ralph, in Dallas, Tex. . . . Thelma Knisley is on the sick list; and the department wishes her a speedy recovery. . . . In order to start the New Year off with big spirits? Bill Schultz asked his fellowworkers to his house for a party. All present reported they had a mighty fine time.

The W. T. Hays (he's the Y-12 security gent) flung a whing-ding New Year's Eve party last Saturday night at which past and present Y-12 security personnel were there. Some of the guests were Plant Protection Superintendent T. A. McKenzie, W. E. Davis and Jim Wright, who came clean from Knoxville to participate in the Hays' hospitality. All had fun—and they wouldn't let Davis bring along his polygraph.

Fred Marlar, of Property Sales, has folks agog with his story of a three-legged Collie puppy born Christmas Day at his home in Oliver Springs. All the rest of the litter of six are normal, Marlar says, and the little female with the missing left front leg is getting along fine otherwise, despite the handicap. When the pup reaches a suitable age Marlar intends to bring it to Oak Ridge for one and all to see. Where the left front leg normally is there is just a slight bump of about one-quarter inch completely covered with hair.

## SYNCHROTRON ORDERED

The University of California Medical Center is erecting a building for an atom-smasher designed to explore possible uses of ultra-high energy radiations for the treatment of human cancer. The new synchrotron, which will cost approximately \$215,000, has been ordered from General Electric.



6-2108  
Y-12 Photo By Vince Moore  
GEORGE RIDDLE, SEATED LEFT, IS TOTALING UP A recent score by the maintenance bowling team of the B League as teammates and a pair of kibitzers look on. Standing from left on the Maintenance team are Cecil Hubbard, T. S. Moody and Joe Dunlap. The kibitzers in the rear are Jay Holtzknecht and Al Groppe, who roll for the Rippers.

## SPORTS NEWS IN Y-12

### Thin Pins Halt Hooks To Tie For Top Spot

That upward march of the Hooks in the C League of plant keggers was brought to an abrupt end last week when the Thin Pins took the previously undefeated leaders of the second half of the season for three big points. As a result of this victory and a similar win by the Hurricanes over the Short Circuits the slender ones and the big blows advanced to a tie for first place in the circuit. The Hooks dropped one point back of the leaders.

In other loop matches last Wednesday night at Central the Orphans walloped the Hornets for three and the Guards ploughed under the Moles by the same margin.

Despite their loss, the Hooks produced the best single game scorer of the night in E. B. Galloway with a 215 scratch and 244 handicap score, best of the second half so far. George Wylie, of the Guards, came through with a 500 scratch series and the handicap series honors were taken by F. G. Killian, of the Hornets, with 598.

The Orphans and Hornets divided team scoring honors. The Orphans had the best scratch scores of 798 for one game and 2,307 for the series, the latter being high for the second half. The Hornets' 988 handicap game and 2,814 series also were tops for the night.

League standing follows:

Team	W	L	Team	W	L
Cermets	4	0	Splinters	2	2
Pick Ups	4	0	Toppers	0	4
Isotopes	4	0	Old Men	0	4
Angstroms	2	2	Strikers	0	4

### All Stars Monopolize Honors In B League

The All Stars walked away with practically all honors in the B League last week to maintain their position at top of the loop in second half of play. They whitewashed the Comets for four points, posted high series scores for the second half of the schedule with a 2,630 scratch and 3,065 handicap and produced the individual high scorer of the night in O. W. Briscoe who had a 236 single scratch game, boosted to 267 with handicap.

Rudy Pletz, of the Comets, topped the bunch with a 606 scratch series and 687 handicap series.

In other matches last week the Wolves took three points from the Tigers, the Rippers blanked Maintenance, Head Pins did the same trick to the Bumpers, the Bums bounced One-91 for three and the Cubs conked the Wasps for four.

League standing follows:

Team	W	L
All Stars	19	5
Wolves	18	6
Rippers	15	7
Head Pins	14	10
Wasps	13	11
Bums	11	13
Comets	10	14
Cubs	10	14
Bumpers	9	15
One-91	9	15
Maintenance	8	16
Tigers	8	16

highest army award for gallantry in action) in Hwangan, Korea.

The Citation said Sargeant Titlow was credited with silencing an enemy machine gun. He crawled to an advantage point, under fire, and knocked out the enemy placement with a rocket gun.

After service in World War II, Sgt. Titlow re-enlisted in the army two years ago. His present home is in Columbia, S. C.

### Whitewash Wins Feature W League Play Last Week

Whitewash wins were the order of the night in the W League of women plant bowlers last week, with two of them being via the forfeit route. In alley activities the Kemps knocked off the Hi Balls and the Cracker Jax walloped the Strikettes. The Woes, first half of the season victors, and the Dodgers were declared winners over the Controllers and Racqueteers respectively when the latter two teams could not muster a quorum. The session marked opening of the second half of the season.

Rolling for record, members of the Woes scored high individual records. Mrs. Nelson Tibbatts, a substitute on the team, had the high scratch game of 189, top scratch series of 474 and best handicap series of 563. Ann Matlock, of the Woes, and Verna Fields, of the Dodgers, tied for handicap game at 209.

The Dodgers came through with the leading scratch team scores, a 667 game and 1,885 series. The best handicap game was posted by the Cracker Jax with 931 while the Kemps topped the bunch with a 2,615 handicap series.

League standing follows:

Team	W	L	Team	W	L
Kemps	3	0	Strikettes	0	3
Dodgers	3	0	Hi Balls	0	3
Woes	3	0	Controllers	0	3
Cracker Jax	3	0	Racqueteers	0	3

### Number Of Y-12 Bowlers May Enter City Tourney

A number of the leading Y-12 men bowlers are expected to enter the Oak Ridge city tournament to be held at the Oak Terrace lanes February 10-11 and February 17-18. Jack Spears, Bldg. 9201-3, telephone 7185; and the Y-12 Recreation Office, North Portal, telephone 7753, will be glad to accept entries and provide information on the event.

The tournament will be on a handicap basis with an entry fee of \$2 per event per bowler. Of each entry fee paid \$1 will go for prize money, 90c for bowling fees and the remainder for expenses. Entries will close on January 27.

### Brother Of Y-12er Gets Silver Star

Sgt. First Class, William E. Titlow, of the 27th Infantry, Co. E., U. S. A., son of James Titlow, of Knoxville, and the late Mrs. Titlow, and brother of J. L. Titlow, of the Y-12 Fire Department, was awarded the Silver Star (the third

### Y-12 Robins To Play Prelim On Card-Vag Tilt Tonight

#### Women's Loop May Be Formed; Schedules Given For Varsity And Class B Teams From Plant

The Y-12 Robins, women's varsity basketball team, and the feminine cagers of Y-12 and NEPA are being placed on the schedule of the Oak Ridge City Basketball League to give the lassies an opportunity for play along with their big brothers. The City Recreation department is endeavoring to form a four-team league with these three teams and one from Oliver Springs. Tentative plans call for the women's teams to play preliminary games to the men's league games every Wednesday.

Entry of the Robins into the basketball picture gives Y-12 fans a busy schedule of games for the next several days, including the varsity Cardinals and the three plant teams in the Recreation Class B League.

#### Robins Meet K-25 Tonight

The Robins will make their debut under the new arrangement tonight, Wednesday, January 10, at 6:15 o'clock. They will meet the K-25 Bluebirds in the opener of a triple header. The Cardinals will play the Vagabonds at 7:30 o'clock and the K-25 men and Clinton will conclude the program at 9 o'clock.

The next appearance of the Cardinals will be next Monday

night when they tackle K-25 in the 8:30 p. m. engagement.

The Y-12 Robins will again open the card on next Wednesday night, January 17, at 6:15 o'clock, with the NEPA women as their opponents. The Cards are not scheduled for that night but the men's varsity will return to action at 8:30 o'clock, Friday night, January 19, against Clinton.

#### Recreation Loop Games Listed

All of these games are scheduled for the Jefferson Junior High School hardwood.

A clash between two of the three Y-12 teams in the Recreation League will feature the program of that circuit tomorrow night, Thursday night, January 11, at Jefferson. This clash, at 8 p. m., will see the Speckled Birds and Pick Ups do battle.

On Friday night at the high school gymnasium the Y-12 Guards will meet the K-25 Little Blues in the 8 o'clock encounter and the first half of the season in the Recreation League will be closed out next Tuesday night, January 16, at Jefferson with the Y-12 Guards meeting the Oak Ridge National Laboratory Red Birds in the 8 o'clock tilt.

### Cards Make Good Show Against Detroit, Lose Two Tilts; Speckled Birds Do Well

One of the finest exhibitions of precision basketball ever staged in Oak Ridge was played by the Vagabond Kings, of Detroit, against the Y-12 Cardinals last Sunday night at the Jefferson Junior High School. The touring pros, of course, took the decision by the score of 56 to 43, and probably could have increased the margin at will. However, the Cards gave an excellent show of their own and led at the end of the first period by 12 to 8.

A scheduled opener between the Y-12 Robins and the Cook's Goldblume lassies of Nashville had to be called off when the Nashville

team could not make the trip because of icy roads. In an earlier clash between the two teams at Gainsboro the Cook's outfit, A. A. U. champions, walloped the Robins by 70 to 26.

The Cards lost two league contests last week. Central Service Station used its size to advantage to win by 45 to 36. K-25 sneaked some timely snowbirds through the nets to take a 38 to 36 victory, although the game was tied at half-time.

In the Recreation League the Speckled Birds were in third place at the end of last week with five won and two lost. The Pick Ups were next to last with one and five while the Guards had not won in four starts. The AEC quintet is leading that loop with six wins and no defeats, followed by K-25 with five and one.

In games last week involving Y-12 teams the Pick Ups won from the Guards by default. The Speckled Birds took an overtime tilt from the Plexies by 46 to 45 and AEC licked the Pick Ups by 40 to 24. The Plexies got revenge by beating the Guards 37 to 35 but the Speckled Birds walloped the ORNL Redbirds by 33 to 22.

### Varsity Bowling Teams Go Back Into Action This Week

Having taken a long holiday rest since before Christmas, the Y-12 varsity bowling teams are scheduled to resume activities this week in Oak Ridge City Leagues. The men's team is tied for first place in their circuit and hope to regain the early season form that carried them to a substantial lead before they hit a slight slump. The Y-12ers are Class B Tennessee state champions. They were to roll Monday night of this week.

The women's team is in third place in the feminine loop and are believed to have set some kind of a record when for 10 straight weeks they turned in the same two out of three margin of victory over various and sundry foes. They will resume play Thursday

### Pick Ups Pulverize Strikers In D Loop

After turning in a record number of victories in winning the first half of the season title in the D League, the Strikers suffered their worst trimming of the season when they were blanked by the Pick Ups in the first session of the second half last week. The Cermets also turned in a four-point whitewash win over the Toppers and the Isotopes did likewise to the Old Men. The Angstroms and Splinters divided in their match.

The victorious Pick Ups swept all team scoring honors in their blanking of the Strikers, scoring an 860 scratch game, boosted to 1,020 with handicap, and a 2,376 scratch series increased to 2,896 with handicap.

Bill Burns, of the Strikers, had the best scratch game of 201 but Watts, of the Toppers, grabbed off handicap game honors with 227. Frank Gragg, of the Strikers, came through with a 510 series for tops and Fred Boody's 613 handicap series for the Cermets was best of the night.

League standing follows:

Team	W	L
Cermets	4	0
Pick Ups	4	0
Isotopes	4	0
Angstroms	2	2
Splinters	2	2
Toppers	0	4
Old Men	0	4
Strikers	0	4

### Smith Captains Y-12 Chess Team In Oak Ridge League

Y-12 again is represented in the six-team Oak Ridge Chess League that meets every Monday night in the Ridge Recreation Hall. Ronald D. Smith, of the Uranium Control and Computing Department, is captain of the team with other players being E. W. Bailey, of the same department; R. E. Moore, of Isotope Research and Production; and other Y-12ers. Don Musser, of AEC and a former Y-12 chess team member of last year, also plays with the plant team whenever possible.

Smith has urged any Y-12er wishing to play chess with the team to communicate with him at telephone 7979.

In addition to Y-12, teams in the league are two from Oak Ridge National Laboratory, Independents, NEPA and K-25. The ORNL "A" team was leading the league at the first of this week and was scheduled to meet the Y-12ers last Monday night. In their last matches Y-12 broke even with NEPA, winning two on the boards but losing two by forfeit.

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# Vigilance In Protecting Filing Cabinets And Safes Containing Restricted Data Is Urged As Means Of Maintaining Y-12 Security

Vigilance in safeguarding safes and filing cabinets and their contents of restricted data is one of the keystones of the Y-12 security program in preventing vital information concerning the plant operations falling into the hands of unauthorized persons.

The security regulations of Y-12 require that each department head appoint responsible custodians to

care for the valuable files of offices and buildings where classified documents and materials are handled. These custodians have some of the most responsible posts in the plant, as it is into their care that important matters are bestowed for safe keeping.

**Must Not Be Unattended**

The safes and filing cabinets for restricted data and materials bear

the security classification of the highest classified document placed in them for safe keeping. The security regulations of the plant require that all classified material and documents be placed in the repositories at the end of the work day or when the office is left unattended at any time.

Desks should never be used for the storage of classified documents and Atomic Energy Commission security regulations in effect in Y-12 require such material be kept in three-way combination files or safes. File cabinets equipped with a lock bar and a combination padlock may be used under certain circumstances.

**Changed Every Six Months**

Lock combinations are changed every six months under Y-12 security regulations. They are changed immediately if persons

**HOW "SAFE" IS A SAFE?**



**CHANGE COMBINATIONS.**  
 WHEN A SAFE IS INITIALLY BROUGHT INTO OFFICE.  
 AT LEAST EVERY SIX MONTHS.  
 UPON SUSPICION THAT UNAUTHORIZED PERSONS KNOW THE COMBINATION.  
 UPON TERMINATION OF AN EMPLOYEE WHO KNOWS THE COMBINATION.

knowing the combinations are transferred or terminated. The key and lock section changes the combinations.

All repositories are labeled with the names, addresses and telephone numbers of the custodians responsible for their contents. These custodians sign a duty sheet at the close of every day's work signifying that the containers are closed at that time.

Particular care is taken in the selection of numbers for lock combinations. For example telephone, building and room numbers or any other obvious combination is not used. After the combinations are selected, custodians are warned that writing them on walls, calendars or other prominent places is dangerous and an invitation to unauthorized persons to tamper with the locks.

**Repositories Are Checked**

Failure of custodians of these repositories for classified materials and documents to properly lock, or not lock at all, the files and safes in their care constitutes a grave security hazard for Y-12 and its work. As a double check on custodians the Guard Department inspects each file cabinet and safe in the plant containing classified material every night to determine if they are securely locked. If one is found open the custodian is summoned from his home to properly close the repository.

A few simple precautions will guarantee the security of all classified matter in the plant repositories. Here are a few easy rules to follow:

- (1) Place all classified documents and materials in three-way combination file cabinets or safes in accordance with plant security rules when they are not in actual use.
- (2) Close all drawers and doors of safes and filing cabinets at the end of every day.
- (3) Turn combination dial of lock at least two complete turns past zero.
- (4) Check each drawer or file cabinet separately.
- (5) Sign duty sheet.

Every custodian is responsible for knowing that the locking equipment of repositories in their care is in good working condition. If a lock or catch becomes defective it is the duty of the custodian to take steps to have the defective equipment replaced or repaired. The key and lock section handles such repairs.

6-2113



## Musicians Find Relaxation In Band; Y-12ers On Roster

When Oak Ridge musicians want a period of relaxation—not quite what is popularly known as a “jam session”—but just a little

horn tooting on the side, so to speak; they join forces with the Oak Ridge Municipal Band. The band provides an outlet for musicians who like music for music's sake—who like the company of other musicians—but perhaps not on the “high brow” level.

As in all types of Oak Ridge civic organizations there are several Y-12ers in the band—for just the reasons previously stated. Elmer Olsen is manager of the band and J. E. Patterson is secretary. Others from Y-12 include George Leichenring, R. B. Roseberry, his son, Ronald, and John Ramsey. Several other Y-12ers have belonged to the band in the past.

W. C. Moore, of K-25, is director of the Oak Ridge Municipal Band, which is a non-profit organization. Its sole income is derived from one public concert a year in which advertising is sold to Oak Ridge merchants and business men to raise whatever funds are needed. Most of the expenditures of the band are for music and some equipment.

However, in addition to the annual fund-raising concert, the band gives one other public indoor concert. One of these is given in the spring and one in the fall with no admission charged the public in any instance.

During the summer the band gives weekly free outdoor concerts in various playgrounds in the city. Then, too, there never is a civic meeting of any kind, including parades, that the band does not participate in whenever requested.

**No Heavy Music Played**

With a somewhat fluctuating membership the band never attempts any heavy music for its appearances. The program usually consists of marches, semi-classical and some popular music.

In addition to providing recreation for adult musicians, the band also draws considerably from the ranks of high school and junior high school musicians.

The band was organized in 1948 and has continued its popular operations ever since.



6-2112

Y-12 Photo By Vince Moore

**MEMBERS OF THE OAK RIDGE MUNICIPAL BAND ARE shown at top in a recent concert, led by Director Cal Moore. At bottom are the musicians from Y-12 and their families in the band. From left are J. E. Patterson, George Leichenring, R. B. Roseberry, Ronald Roseberry, John Ramsey and Elmer Olsen.**

## 20 Candidates Placed On Credit Union Slate

Continued from Page 1 of a cross-section of the plant personnel.

In submitting its slate, the committee stressed to the membership that at the annual meeting nominations for any post may be made from the floor.

**10 Nominated For Directors**

The slate contains 10 nominees for the board of directors, seven for the credit committee and three for the supervisory committee. In the final election seven directors are to be chosen, five members of the credit committee are to be elected as will be three members of the supervisory committee.

Nominated for the board of directors are J. P. Blakely, Materials Chemistry Division; C. A. Cooper, Wage Standards; P. C. Dabbs, Guard Department; Chester Estes, General Maintenance Office; W. H. Hoose, Product Chemical; K. O. Johnson, Materials Chemistry Division; Trasda Joiner, Wage Standards; E. W. Means, Electrical Maintenance; Don Phillips, Materials Chemistry Division; and Joe L. Williams, Isotope Research and Production.

The nominees for the credit committee are Lewis Childs, Electromagnetic Research Division; Gordon Fielden, Electrical Maintenance; Paschal Hamrick, Employee Relations; C. O. Johnson, Maintenance Shops; R. E. McGill, Field Maintenance; George L. Stukenbroeker, Isotope Research and Production; and C. D. Susano, Analytical Chemistry.

Proposed for the supervisory committee are Ward Foster, Research and Development; Clarence Johnson, Safety; and Nelson Tibbatts, General Maintenance Office.

Following election of the board of directors, the board chooses a president, vice-president and treasurer for the year. Present officers are Don Phillips, president; James Whitcomb, vice president; and Carl A. Cooper, treasurer.

## Another Y-12er Joins U. S. Air Force

Another youthful Y-12er, Charles Farrell Chandler, 19, has enlisted in the United States Air Force. He is an Oak Ridge High School graduate and a crony of the five Y-12ers who joined the Air Force in a body recently. They were Charles Kirkwood, W. A. Maddux, C. J. Maddux, Harold Little and Richard Garland.

Chandler, known as “Spud,” came to work in Y-12 October 2, 1950. He was a helper in the Field Maintenance Department. He is the son of Mr. and Mrs. David E. Chandler, 106 East Wadsworth

## Good Eating

Recipe Recommended By  
 Good Housekeeping Magazine

**GARDEN VEGETABLE SAUCE**

Two tablespoons butter or margarine; two tablespoons minced celery; two tablespoons minced onion; two tablespoons minced green pepper; one eight-ounce can tomato sauce.

Melt butter in small skillet. Add celery, onion and green pepper. Cook until soft—about 10 minutes. Add tomato sauce and heat. Makes two servings. Delicious on omelets, scrambled eggs, fried fish fillets, broilers.

## Revolutionary Type Of TV Screen For Color Patented

According to the National Patent Council, Dr. Adolph H. Rosenthal, of New York City, has been granted a patent on a revolutionary type of screen to reproduce color in television. Colorless crystals are used to recreate the natural color on a screen through a modulated light. It is claimed that the receiver can project the color image satisfactorily on a screen of theater size. This, it is announced, gives the new system a distinct advantage over previous color TV systems because they are restricted to a comparatively small screen.

Use of the crystals represents a new approach to the color problem as contrasted to the production of color by minute dots on the screen of the cathode ray tube, or by a color-mixing disc. The Rosenthal method achieves its natural color by employing the spectrum of an outside light source.

## Suggestions Offered By Magazine For Home Cleaning

Good Housekeeping Magazine, although not recommending general home dry cleaning because of vapor hazards, does suggest that fresh stains be removed at home whenever possible before they fix themselves in fabrics.

The magazine suggests that the room in which the work is done be well ventilated. Greasy or oily stains can be removed with a dry-cleaning fluid and non-greasy food stains such as fruit or drink stains, generally can be removed with water.

To remove a stain either with dry-cleaning fluid or water, use a cloth slightly dampened with the solvent. Apply with light, straight strokes outside of the stained area, but work toward the stain before working on the stain itself. This minimizes spread of the stain. In removing heavy stains have an absorbent material, such as a blotter, under the stained area of the material.

On smooth-surfaced fabrics, remove stains from the reverse side of the material whenever possible.

## Fermi Reported Hinting Of Powerful New Energy

Writing recently in the New York Herald Tribune, John J. O'Neill declared that Prof. Enrico Fermi has hinted at a new type of energy reaction that might yield nearly 100 times as much energy as the hydrogen process. The scientist notes that the energy would come from a new kind of particle an anti-atom, a particle that destroys atoms and produces in the process another particle, the meson, that also destroys atoms.

## 'Ceramics As Hobby' Topic On ACS Radio Program

“Ceramics As A Hobby” will be the subject on the Headlines In Chemistry radio program to be heard over Oak Ridge Station WATO at 9:15 o'clock Sunday night, January 14. The 15-minute weekly program is sponsored by the East Tennessee Section of the American Chemical Society.

William L. Bridges, of the NEPA Section of Fairchild Engine and Airplane Corp., will be the guest speaker with co-hosts on the program being Warren Reysen, of K-25, and Joseph Ruzicka, of the Atomic Energy Commission.

Bridges, who operates an electric pottery kiln of his own, will tell the radio audience how to be a successful potter at home and describe the chemical knowledge, art and skill used in making this age-old craft, a fascinating and enjoyable home hobby. He also will describe how clay paste, or “slip,” is converted into a finished piece of fire-glazed pottery.