



THE Y-12 PLANT RECREATION COMMITTEE, RECENTLY APPOINTED TO ACT AS AN ADVISORY GROUP to the Y-12 Recreation Office, is shown above. From left around the table are Elmore Koons, Frank Fuis, D. B. Samuel, Recreation Supervisor W. H. Stanton, Jr., secretary to the committee; Joe Smyrl, committee chairman; Harold Babb, Fred Uffleman and Betty Whitehorn. H. N. Benninghoff was absent when picture was made.

Three Y-12ers Given Advances February 1



F. J. Blair

J. E. Boland

Three Y-12 employees in the Alpha Five Maintenance Department of the Maintenance Division received promotions to Supervisory position, effective February 1. All of the promotions were from the position of instrument mechanic to assistant foreman. They are listed below in order of employment in the Y-12 Plant.

Frank J. Blair came to work in Y-12 on June 26, 1950. Next comes Joseph E. Boland, who has been a Y-12er since November 24, 1953. The newest Y-12er on the list is Charles G. King, who was employed on September 20, 1954.

Physics Seminar Sets Two Meetings, February 18, 22

Dr. August Raset, of the Aero-physics Department of Mississippi State College, will address a classified meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon, February 18. His topic will be "The Sailplane in Boundary Layer Research." A special seminar meeting will be held at 10:15 o'clock next Tuesday morning, February 22, when the speaker will be Dr. Sigvard Thulin, of the Nobel Institute of Physics, Stockholm, Sweden. He will speak on "Recent Work at Nobel Institute."

ENTREES FOR CAFETERIA SPECIAL LUNCHES INCLUDE TASTY ITEMS

Creamed eggs and mushrooms on toast will be the entree for the 50-cent Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, February 17. On next Tuesday, February 22, George Washington Baked Beans will be featured as the main dish. Each lunch includes a vegetable, choice of salad or dessert and rolls and butter.

Recreation Group Weighs New Proposals

The Y-12 Recreation Committee held its second meeting last Thursday afternoon to discuss a number of proposals for widening the plant recreation program to reach more employees with a larger variety of activities.

To Assist Recreation Department

According to the initial announcement on creation of this committee will be to assist the Recreation Department in determining the recreational interests and needs of employees and assisting in planning plant recreational activities. In both of these respects the committee will make recommendations for the consideration of the Recreation Department.

At the meeting last week committee members urged employees throughout the plant with suggestions as to expanded recreational activities to communicate with their divisional representatives on the committee or with the Recreation Office, Room 221, Bldg. 9704-2, telephone 7753.

Committee Members Listed

Members of the committee and their divisions are Joe E. Smyrl, Alloy, chairman; Elmore W. Koons, Maintenance; David B. Samuel, Chemical; Harold Babb, Mechanical Operations; Frank Fuis, Technical; Fred Uffleman, Manufacturing Office; Betty Whitehorn, Industrial Relations; and H. N. Benninghoff, Shift Organization.

Recreation Supervisor W. H. Stanton, Jr., is secretary of the committee.

George Washington Theme Planned By Carbide Wives

A George Washington birthday theme will be carried out by the Carbide Wives at the card party and meeting tonight, Wednesday, February 16. The meeting will be at 7:30 o'clock in the East Lounge of the Ridge Recreation Hall.

Mrs. K. E. Rapp will be executive board member in charge of the program. Chairman of the hostesses will be Mrs. Seth J. Wheatly and hostesses will be Mrs. Lyle Overholser and Mrs. F. M. Scheitlin, wives of Y-12ers; Mrs. Herbert Cleveland and Mrs. W. H. Suffridge. Bridge, canasta and bingo will be played with prizes awarded winners. Refreshments will be served and all wives of Y-12ers and other Carbide employees in the Y-12 Plant Area are urged to attend.

Tool Engineers Name Y-12ers As Officers



J. L. Gilliam

W. E. Green

Three Y-12 employees were honored last week with election to office in the Knoxville-Oak Ridge Chapter of the American Society of Tool Engineers. The annual election meeting was held at the College of Mechanical Engineering at the University of Tennessee.

James L. Gilliam, of B Mechanical Operations, was elected first vice chairman of the chapter and W. E. Green, A Mechanical Operations, was chosen as second vice chairman. The other Y-12er elected was Nora Hurst as secretary. She is in Mechanical Engineering. Earl Johnson, of the Snap Shop, of Knoxville, was named chairman of the group.

The chapter has approximately 75 members in Y-12.

R. J. Klein Will Address Meeting Of IRE Tonight

The Professional Group of Nuclear Science of the Institute of Radio Engineers will meet at 7:30 o'clock tonight, Wednesday, February 16, in the Training Building of the Oak Ridge Institute of Nuclear Studies on Administration Road. The principal talk will be made by R. J. Klein, of the Computer Group of the Instrumentation and Controls Division of the Oak Ridge National Laboratory.

His subject will be "Storage Devices and Digital Computers." Klein graduated from the Georgia Institute of Technology in 1950 and has been with ORNL ever since. In 1951 he was sent on loan to the Argonne National Laboratory to help design and construct the ORACLE, giant computing machine.

CURE WORSE THAN DOSE?

Science Service in the New York Times reports that ground glass given animals by injection after exposure to radiation has proven an antidote.

Chemicals Company Has Best Safety Record In History During Past Year

Frequency And Severity Rates Of Y-12 Far Below Company Averages; Plant Tops In Safety Periods

It may be—as a legend goes—that Y-12ers are too close to the forest to see the trees. That particularly seems to apply to the Y-12 Plant and its safety records, which many employees seem to have been taking as a matter of course. However, despite some indications that the plant's splendid records could be improved even more through closer attention to safety practices—it is a fact that the Y-12 Plant is far below the average in frequency and severity rates for the four Government-owned plants operated by Carbide and Carbon Chemicals Company for the Atomic Energy Commission and also above the Company-owned plants.

Records cited by C. E. Hamilton, of the Carbide General Industrial Relations Division at South Charleston, W. Va., show that the Chemicals Company 1954 overall frequency rate (number of lost time accidents per 1,000,000 hours of plant operations) is the best in the Company's history. That overall rate was 3.38 for 1954. The Company-wide severity rate (number of days lost from disabling accidents per 1,000 hours of operations) for 1954 was .59, a reduction of 18 per cent from the 1953 rate of .72.

AEC Plants Records Best

The figures reveal that the frequency rate in Government-owned plants operated for the AEC during 1954 was 2.02 while the severity rate was .21. The rates in the Company-owned plants were 4.51 and 1.05, respectively. Levelling off, the average for all plants was 3.09 and .57 but the Company-wide figures were boosted by the inclusion of a frequency rate of 7.75 and severity rate of .81 for Company construction.

That 2.02 frequency rate for the Government-owned plants operated by Carbide for the AEC—Y-12, K-25, Oak Ridge National Laboratory and Paducah, Ky.—did not reach the previous low rate of 1.98 established in 1952, but still is excellent, Hamilton's report said.

Y-12 Safe Place To Work
Now—to more figures that show the Y-12 Plant is one of the safest in the entire Carbide organization in which to work.

Although the Y-12 Plant had 17 lost time accidents in 1954 (one up from the mark published recently in The Bulletin because of another charged mishap not officially determined until after December 31) the 1954 frequency rate here was only 1.52 as compared to 2.02 for all the Government-owned plants. The severity rate in Y-12 last year was .09.

Perhaps it is said that such figures mean little—that accidents "are bound to happen." However, experience shows that the statistics—regardless of how dull they are to read—reflect remarkably the safety habits of individual employees in the various plants.

Four Make Safety Periods

Hamilton's report goes on to relate that of the four Carbide plants earning Carbide Safety Period awards for 1954 for accumulating 1,500,000 or more hours of plant operations without a lost time accident—only one, Y-12, got more than one.

Y-12 earned four during 1954! Paducah and the Oak Ridge National Laboratory also each earned such citation (ORNL exceeded 3-

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Camera Club Gives Subjects Of Programs

Programs for the next three meetings of the Carbide Camera Club have been announced by M. C. Ziemke, president of the organization. They call for black and white prints and color slide contests for meetings March 8 and April 12 and color slides only for May 10.

The subject for the March competition will be still life and table top. In April pictures in rain will be featured while the May slide contest will be action pictures.

In the February 8 contest on black and white prints and color slides on children the photographic prizes went to Mrs. M. E. Rose, first and third, and A. A. Palko, second. Palko is past president of the club and a Carbide employee in the Y-12 Plant Area. In slides Bob Freestone was first, Virginia Coleman, former Y-12er, was second and Herman L. Dickerson, third.

Mrs. Eleanor Roosevelt To Speak In Ridge Friday

An address on "World Concepts of Communism" by Mrs. Eleanor Roosevelt, widow of the late President Franklin D. Roosevelt, will be given at 8 o'clock Friday night, February 18, in the Oak Ridge civic auditorium at the high school. The appearance of Mrs. Roosevelt is under auspices of the American Association of University Women.

Union Carbide International Names West Executive V. P.

The appointment of George C. Wells as Executive Vice President of Union Carbide International Company has been announced by Alex MacKenzie, President. This division of UCC handles export sales and overseas product operations. The new official has been with Union Carbide since 1938, when he was employed by National Carbon Company. He became Vice President of Union Carbide International Company in November, 1951.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
33 Days Or
1,143,648 Hours
(Unofficial Estimate)
Without A Lost Time Accident
Through February 13

The Bulletin

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OFFICE

Bldg. 9704-2 Room 223
Telephone 7753

Chorus Will Present Second Show Tonight

The second concert of the season will be presented at 8:15 o'clock tonight, Wednesday, February 16, by the Oak Ridge Community Chorus in the civic auditorium at the Oak Ridge High School. Admission will be by Oak Ridge Civic Music Association season tickets or single tickets may be purchased at the door at the auditorium.

A musical anthology of eight numbers will feature the opening part of the program with various numbers being offered by male and female members of the chorus, as well as by mixed voices. The second part of the program will include several numbers from musical shows, staging of which will include some scenery.

Appearing on the program will be the Phi Kappa Sigma fraternity group that appeared on the University of Tennessee All-Sing program, accompanied by a choral group from the Alpha Delta Pi sorority. These vocalists appear as guests of the Oak Ridge Community Chorus.

Soloists for the concert tonight will be Fritz McDuffie, Genevieve Johnson and Wiley Johnson with Virginia Chambers as accompanist. Among the Y-12ers in the Community Chorus this season is Bert Schappel.

Dr. Tenney Appointed Market Research Head

Dr. Alvan H. Tenney has been appointed Manager of Market Research, Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation, according to an announcement by John A. Field, Vice-President of the Company. In his newly-created position, Dr. Tenney will be responsible for the surveys of future markets for established chemicals as well as new chemicals emerging from the laboratories. Dr. Tenney will assist Dr. R. L. Bateman, who recently was appointed Director of Product Development.

Dr. Tenney joined Carbide's Fellowship at Mellon Institute in Pittsburgh, Pa. in 1933. In 1936, he returned to Columbia University, where he received his Ph.D. in Chemical Engineering. Dr. Tenney became an instructor in Engineering at Columbia University in 1938. While in that capacity, he became Assistant to the Deans of the College and School of Engineering, acting as Faculty Adviser for Pre-Engineering students.

In 1943 Dr. Tenney returned to Carbide to work on the Atomic Energy Program. He held several responsible positions, and was Research Laboratory Supervisor in Charge of Barrier Research on the Manhattan Project. He was transferred to the New York office in 1946 as Product Manager in the Fine Chemicals Division in charge of sales and sales development of aryl chemicals.

He is a member of the Society of Chemical Industry, the American Chemical Society, the American Institute of Chemical Engineers, and the Armed Forces Chemical Association.

Cherry Tree And Dollar Throwing Stories, True Or Not, Reveal Washington Character

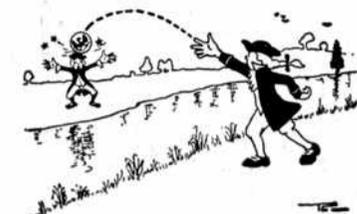


On next Tuesday, February 22, millions of citizens will pay tribute to one of the greatest of all Americans—George Washington—when his birthday will be widely observed. The "Father of his Country" was born in 1732 and died in 1799.

During his lifetime many his-

torical and legendary stories were written about the man who was "first in war, first in peace and first in the hearts of his countrymen." Two of the best known in the latter category are those concerning the young Washington and the cherry tree and the other is his throwing a silver dollar across the Potomac River (or was it the Rappahannock, as some versions of the story claim?)

The story of the small-fry George Washington chopping down the cherry tree with his little hatchet and bravely ("I cannot tell a lie") admitting it to his father,



began with an anecdotal biography published in 1800 by Parson Weems, an admiring if imaginative preacher. True or not, it and its moral survive to this day.

In his prime, Washington, a big man physically as in all other ways, was athletic and liked feats of derring-do (so goes the dollar tossing story.) For that reason it is not denied that he heaved a silver dollar across some river on a wager. When more silver dollars were in circulation than nowadays, several persons are reputed to have duplicated the feat—including a professional baseball pitcher or two.

Both of these anecdotes reveal the superiority of Washington—the man and boy—morally and physically and, true or not, show his qualities of leadership that led him through years of hardship and want as head of the Revolutionary Army to the first Presidency of the United States of America.

Incidentally—believe it or not, the earliest known reference to George Washington as "The Father of his Country" occurred in the Nord Americanische Kalender, a German almanac printed in Lancaster, Pa., in 1779.



It wasn't "Shake, Rattle and Roll" last Friday for Y-12ers—especially those living a fur piece away—it was "Skid, Shiver and Slide."

Oh Bro-ther, it was rough. However, notwithstanding the Arctic blasts, here goes another effort by the Colyum Conductor to spread the news of folks here and there to other folks there and here.

MANUFACTURING OFFICE

Plant Records warmly welcomed the smiling Kathryn Ballentine back to the second floor, west, of Bldg. 9704-2—last week after a spell of illness . . . Get-well wishes were sent to the mother of Joyce Ross, who was ill in a Knoxville hospital . . . Charley Hall is proudly sporting a new 1955 auto—says it has self-starter and everything.

S. A. Copeland was given a new employee greeting in Property last week.

Property Sales reports Lawrence Patrick on vacation and R. V. Brackney ill last week—rapid recovery wishes to the latter.

Ed Penland, Cashier and Travel Office, has joined up with the Proud Pops of Y-12 Club, his qualification being daughter Donna Edwina born February 5.

TECHNICAL

Troubles seem to hit the news in Production Analysis . . . Anna P. Smith was in an automobile mishap last week and was slightly bunged up . . . Elizabeth Patrick had to trek off down to Alabama to be with her mother, also an automobile accident victim . . . Ann Barton still is out ill . . . R. H. Darby is in St. Mary's Hospital in Knoxville, also ailing . . . The very best get-well wishes are sent to one and all . . . On the other hand Nell Trebilcox is back after being ill—congratulations.

Double trouble hit Jack Day, ADP Development—his two sons both were in Oak Ridge Hospital last week . . . The department has extended the hand of greeting to S. G. Campbell, a new employee.

Ted Sprague, Analytical Development, is another St. Mary's Hospital patient receiving get-well wishes.

Let us pause to quote some words of wisdom—A real friend is one who asks you an important question, to which you know the answer, while the boss is listening.

ALLOY

Bride and groom news features Allow Division items—M. C. Asbury and his bride, the former Jane Dora Scarboro, of Caryville, who married February 12, are honeymooning in Florida . . . L. A. Dukes and his bride, the former Mary Sue Wells, of Knoxville, now are living in that metropolis after their marriage on January 21 and a honeymoon spent in North Carolina . . . Congratulations to all concerned.

Alpha Five folks turned out in a big rooting section for the the-

atrical debut of their own Bob Wilder, who had a fat role in the Oak Ridge Community Playhouse presentation of "Mr. Roberts recently—(sich langwidig!) . . . Get-well wishes are extended the wife and baby of Jim Jacobs, who have been ill.

INDUSTRIAL RELATIONS

L. B. Bellamy, of the Guard Department stationed with the Security folks in Bldg. 9704-2, entertained Clearance and Pass Office folks and friends with a weiner roast at his home over Concord way a few nights back.

Arnold Tiller, Insurance, is back on the job again—be sure and let him tell you about his operation . . . Evelyn Allen was in Oak Ridge Hospital last week recovering from a tonsillectomy.

MECHANICAL OPERATIONS

Russell Hopper, General Machine Shop, went to Barbourville, Ky., last week to attend a homecoming at Union College there . . .

J. D. Meadows was a recent vacationer . . . Sympathy is extended to L. E. Jordon, whose father, Dan C. Jordon, died last week at Eufaula, Ala. . . Quick recovery wishes are sent O. K. Sergeant, Ed Collier and Earl Fritts, the ailing ones.

Did you know the peasants in Southeastern Slobovia revolted against the Sahib for letting the tigers run wild. It was the first time a reign was called because of game. (We don't get it either.)

MAINTENANCE

Planning and Estimating sent get-well wishes to their ailing ones last week—Phyllis Terry at home and Clyde Brewer and W. T. McNamara in the Oak Ridge Hospital.

H. H. Adcock, Material Automotive Equipment, was another Y-12er getting rapid-recovery wishes last week.

Electrical Maintenance extends sympathy to J. M. Nix, whose brother was killed in an airplane crash in Canada . . . H. G. Bingham and J. H. Campbell were on the sick list to receive get-well wishes last week . . . J. R. Joslin



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

Evelyn Allen, Personnel Services; Anna Smith, Production Analysis; Leslie K. Flynn and Cephas Brewer, Building and Grounds; James C. Reece, Chemical; B. B. Thornton, Stores; Clyde F. Brewer and W. T. McNamara, Planning and Estimating; Jerry Crowe, Mechanical Operations; and James N. Lee, Janitors.



Miss Eunice Jones

The engagement of Miss Eunice Sylvia Jones, of the Y-12 Production Analysis Department, to Thomas M. Kirwin, Jr., has been announced by parents of the bride-elect. The couple plans to be married on Saturday, May 21, at St. Mary's Catholic Church in Oak Ridge.

Miss Jones is the daughter of Mr. and Mrs. W. E. Jones, of East Lynn, W. Va. She attended Wayne County High School in West Virginia and also Berea College at Berea, Ky.

The groom-elect is the son of Mr. and Mrs. Thomas M. Kirwin, Sr., of New Orleans, La. He is a radio operator with the ALCOA Steamship Co. He graduated from Jefferson High School and the Jefferson Radio School, both in New Orleans.

Hobby Fair Blanks At Recreation Office

A number of Y-12ers and members of their families are expected to place entries in the Fourth Annual Hobby Show to be staged by the Oak Ridge City Recreation Department on Saturday, February 26. The fair will be held in the Ridge Recreation Hall.

Application blanks for the fair may be obtained at the Y-12 Recreation Office, Room 221, Bldg. 9704-2; or from the Recreation Department, Management Services, Inc., P. O. Box B, Oak Ridge.

Hobbies will be entered in handicrafts, collections, models, graphic arts and mechanical and technical.

and family were touring Florida on vacation last week—(lucky folks.)

Beta Four Maintenance sent rapid-recovery wishes to two members hospitalized in Knoxville—A. P. Waugh was in St. Mary's and J. R. Bossom at Baptist.

Alpha Four and Five Maintenance combined to wish K. D. Baker a quick recovery from the illness that has had him off the job for some days.

Here's a cutie story that bears repeating. It's called merely "15 words."

- Five most important words: "I am proud of you."
- Four most important words: "What is your opinion?"
- Three most important words: "If you please."
- Two most important words: "Thank you."
- Least important word: "I."
- Final word: Amen.



ASME To Hear Talk On Stream Pollution

Dr. James B. Lackey, of the University of Florida, will speak at a meeting of the Oak Ridge Section of the American Society of Mechanical Engineers tomorrow night, Thursday, February 17. The technical meeting at 7:45 p.m. will be preceded by a dinner at 6:30 p.m. in the Starlight Room of the Oak Terrace.

Dr. Lackey, professor of sanitary science at the College of Engineering at the University of Florida, will speak on "Stream Pollution Problems and Responsibilities." He is well acquainted with the subject, which has been of considerable interest in East Tennessee.

The speaker received his Ph.D. degree in zoology from Columbia University. He has held academic positions at Mississippi College, Columbia University, New York University, Southwestern of Tennessee, Seton Hall and the University of Florida. He was a research zoologist at the Sewerage Investigation Laboratory at New Brunswick, N. J., aquatic biologist with the Tennessee Valley Authority and senior biologist with the United States Public Health Service.

Y-12ers wishing to make dinner reservations may call A. A. Abbatiello, 7-8666; or W. R. Gall, 7677. Those unable to attend the dinner are urged to attend the technical meeting afterward.



Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—
Elva J. Combs, Production Analysis, February 17.
James S. Tilley, Product Processing, February 21.
Milton L. Rice, Production Analysis, February 21.

6-7529



THE FLOCK OF OWLS THAT DIDN'T SEEM TO GIVE A HOOT ABOUT MATTERS IN THE FIRST HALF of the Y-12 Plant Basketball League season have really been whoopin' it up in the second half, sporting a two-two mark as of last week. The squad, from left are Jim Schenk, Earnest Massengill, Ray Wear, Tony Picca, James Keys, Ed Pate, Kenneth Andrews, James Buck and Sewell Brown. Absent when picture was made were Bill Hilton, Bill Carden, Dave Hansford and Coach John Myers.

Orsorts, Maintenance Forced To Limit In Victories To Maintain League Lead

Playoff Battle Thursday Tops Loop Schedule; Carter's Crew Scores 85-35 Win For High Tally

The Orsorts and Maintenance maintained their one-two positions at the top of the Y-12 Plant Basketball League last week only after being forced to the limit to whip a pair of determined opponents. The Orsorts had to work hard to trim C Shift 38-35 and Maintenance was forced to pull a last period rally to overcome the Owls by 42-38.

With another ding-dong race in prospect in the second half of the season, the feature of the program for the coming week will be the playoff game for the first half championship between the Orsorts and the B Bombers. This classic will be staged at 6:30 o'clock tomorrow night, Thursday, February 17, at the Jefferson Junior High School gymnasium. A sizzling scrap is anticipated as the Orsorts barely nosed out their playoff foes recently by 48-46 with a rally in the last 90 seconds.

Two games are set for tonight at Jefferson. At 6:30 p.m. the D Doodies clash with Beta One and one hour later the Sunflowers and B Bombers collide. Next Monday night, February 21, the Orsorts meet the Sunflowers, the Owls and C Shift do battle and the B Bombers and Maintenance see action in order named. The card for next Wednesday, February 23, sees the D Doodies and Hot Shots, Owls and B Bombers and Beta One and the Sunflowers opposing each other, beginning at 6:30 p.m.

Vannoy Threatens Orsorts

C Shift forced the Orsorts to the last basket before bowing in their clash last week. Joe Vannoy, league high scorer for C Shift, kept his team's hopes alive to the last by scoring 17 points. Beusman and Schnurer each had nine for the Orsorts.

Maintenance trailed until the latter stages of the game against the Owls before outscoring the feathered flock 13-7 in the final period. Justice tallied 14 for Maintenance and Carter 10. Bill Carden shot 12 for the Owls with Finnell and Hansford getting 11 each.

The Doodies downed the Sunflowers by 48-22 as Thornton bagged 20 and Plemmons 18 for the victors. Manning's 12 was the best for the Sunflowers. The B Bombers took Beta One to the cleaners by 47-30 as Butturini, Baker and Jared each tallied 10 for the winners. Simmons got 11 for the losers.

Maintenance Gets Big Score

In its second triumph of the week, Maintenance mauled the cooled-off Hot Shots by 85-35. Justice and Hamil got 21 points each for Manager Clyde Carter's Maintenance outfit and Sewell 16. Montgomery rang the bell for 15 for the losers.

League standing after games of Wednesday, February 9, follows:

Team	W	L
Orsorts	6	0
Maintenance	4	1
Bombers	2	1
C Shift	2	2
Owls	2	2
Beta One	1	3
Sunflowers	1	3
Doodies	1	3
Hot Shots	0	5

Y-12 SPORTS

Y-12 Lassies Win Second Pin Loop Round

Y-12's fine women's varsity bowling team eked out a one-point margin for the championship of the second round of play in the Oak Ridge Women's City Bowling League last Thursday night by whipping the Stinkers for three points. Prior to going into their alley activities, the Y-12ers were tied with the Atomic Energy Commission for first place with the EAT team just one point behind. The AEC outfit got a bad trimming for four points and dropped to third place with EAT, winners of three, jumping into second place one point behind Y-12. The Y-12 winning record for the second period was 30 points won and 10 lost.

The Y-12 keglertes also won the first round of play, that time by only one-half point. Competition in the third round is expected to be equally close.

Capt. Mavis Koons led the Y-12ers in individual scoring with 168, 174, 143-485; and was followed by Ruby O'Kain 156, 160, 156-472; Betty Whitehorn 167, 172, 129-468; Juanita Reed 170, 137, 126-433; and Dot Park 120, 121, 113-354. The team scores were 781, 764, 667-2212 for Y-12 and 728, 737, 735-2199 for the Stinkers.

Pistoleers Divide With AEC Gunmen

The Y-12 pistoleers broke even with the Atomic Energy Commission gunmen in their first match of the final round of shooting in the Oak Ridge Pistol League on February 9, winning handicap honors by 1442.946 to 1437.085 after losing in scratch scoring by 1271 to 1220. The Y-12ers are in first place in handicap scoring with three matches to go.

The Y-12ers' next match is against Oak Ridge National Laboratory on Friday night, February 25, at the Oak Ridge Sportsmen's Association range.

D. R. Alford led scratch firing for Y-12 with 259, followed by P. H. Williams 257, J. C. Ezell 256, T. J. Bush 229 and L. E. Hedrick 219. Handicap scoring also was led by Alford with 291.886. Then came A. V. Bible 288.859, Williams 288.283, Hedrick 287.218, and O. C. Beatty 286.700. Also firing for Y-12 were C. G. Brewster and M. L. Woodard.

Robins Coast, 60-22, Over Oliver Springs

The Y-12 Robins got back into the win column last Friday night against an Oliver Springs bunch of basketeers by knocking over the Roane County lassies to the tune of 60 to 22. With Ruby O'Kain scoring 18 points, Sue Strange 17 and Helen Brown 16, the Y-12ers took an early lead and never were in danger.

Swingsters, Wasps Whitewash Wins Gain B Loop Lead

The Swingsters and Wasps got away winging in the first matches of the third and final round of play in the B League of plant pinmen last Thursday night, each winning four points from the All Stars and Tigers, respectively. Other victory margins were by three points with wins posted by the Rippers over the Rebels, Cubs over the Has Beens, ADP over Bldg. 9211 and Bumpers over the Wolves.

The Bumpers swept the boards in team scoring with 925, 1047, 2595 and 2961. Galloway, of the Bumpers, had a 219 scratch game, boosted to 245 with handicap. Hopkins, Wolves, rolled a 584 scratch and 691 handicap series for best of the night.

Team	W	L
Swingsters	4	0
Wasps	4	0
Rippers	3	1
Cubs	3	1
ADP	3	1
Bumpers	3	1
Rebels	1	3
Wolves	1	3
Has Beens	1	3
Bldg. 9211	1	3
All Stars	0	4
Tigers	0	4

Hot Wires Hike Lead In C League

The Hot Wires boosted their lead in the C League of plant pinmen last week by whitewashing the Rusty Five as other matches resulted in deadlocks. The Q Balls and Screw Balls divided their four points and the Glass Arms and C Shift did likewise. The Hornets and Deltas were idle last week.

V. Williams paced his Hot Wire playmates to their triumph by sweeping the boards with 231, 259, 541 and 675. His team tied with the Glass Arms for tops in handicap team game with 1003 but the Hot Wires had the best scratch game of 824, the top scratch series of 2230 and leading handicap series of 2767.

League standing follows as of games of Wednesday, February 9:

Team	W	L
Hot Wires	19	5
Hornets	13 1/2	6 1/2
Rusty Five	12	12
Q Balls	12	12
Glass Arms	11	13
Deltas	9	11
Screw Balls	8	16
C Shift	7 1/2	16 1/2

Cards Cop Two To Tie ORNL For Second In K-R Circuit

The Y-12 Cardinals, the plant's varsity basketball outfit in the Knox-Ridge League, had a good mark last week to rack up two victories against no defeats and to loop with two wins and one loss.

The Y-12ers were deadlocked with Oak Ridge National Laboratory after games of Wednesday, February 9. The K-25 Blues, first half of the season winners, had a three and none mark, Bowers and Kelso Oil, both Knoxville teams, had won one and lost two. Knoxville Building Trades, replacing Bell Avenue Baptists in the circuit, trailed with no wins in three tries.

The Cards really did some high scoring in their two wins. They trimmed the Building Trades boys by 82-64 and nosed out Kelso in a thriller by 58-57. Don Wood led the parade against the Building Trades five with 24 points, followed by Lew Fitzgerald with 20, Frank Hardin 17 and Palo O'Neal 10. Against Kelso the Cards had to come back from a 33-32 deficit at half time and in the close scrap Wood had 28 counters, Fitzgerald 17 and Bob Taylor 11.

The Cards are slated to meet ORNL at 7:30 o'clock tonight, Wednesday, February 16 in Oak Ridge and next Monday night, February 21, they will clash with the K-25 Blues at 7:45 p.m.

Varsity Keglers Tripped By MSI

The Y-12 varsity bowling team stumbled before the Management Services, Inc., keggers February 7 to drop three valuable points and thereby drop three points out of first place in the Oak Ridge City Bowling League as of that date. The loop leaders are the Clinton Bedding Co. pinmen, all Y-12ers themselves.

The Y-12ers nosed out MSI by 856 to 831 in the opening tilt but then lost the next two 836-791 and 909-821 and total pinnage 2576 to 2468. Ernie Cobble and Frank Zupan tied at 532 each to top the Y-12 team. Cobble put together games of 176, 160 and 196 for his total while Zupan's string was 194, 175, and 163. Then came Frank Gragg 141, 196, 184-521; Jack Spears 168, 147, 154-470; and Joe Pryson with 177, 113, 124-414.

9212 Volleyballers Y-12 Plant Champs

The volleyballers of Bldg. 9212 are Y-12 plant champions—all the way. They not only took the playoff title from the Uranium Control Junior Varsity lads but also went on to win the free-for-all tournament at the Glenwood School gymnasium on February 8.

The Bldg. 9212 team won the second half of the season in the Plant Volleyball League and then took the UCJVs in the post season affair in two straight games by 15-10 and 15-3. The first game was one of the best played during the season with numerous long volleys taking place across the net with the serve changing hands several times before the victors finally pulled out to a 13-10 lead and then went on to win. The UCJVs seemed tired and put up not too much opposition in the finale.

Seven teams entered the non-stop tournament. Bldg. 9212 ousted the Duds 15-4, 15-4 and then took the UCJVs in the semi-finals 15-5, 15-10. In the lower bracket the Jumping Jacks beat the Do-Do's 15-13 and 15-11 but lost to the Upsets, who had drawn a bye, 15-6, 15-2. Bldg. 9212 then upset the Upsets in the finals by 15-7, 15-12.

In a mix-up in league reporting in last week's Bulletin it was erroneously reported that the Duds took two out of three from the Fog Heads. The Fog Heads sounded off immediately—it wasn't so, they took the decision from the Duds. That's right.

Rides Wanted, Offered

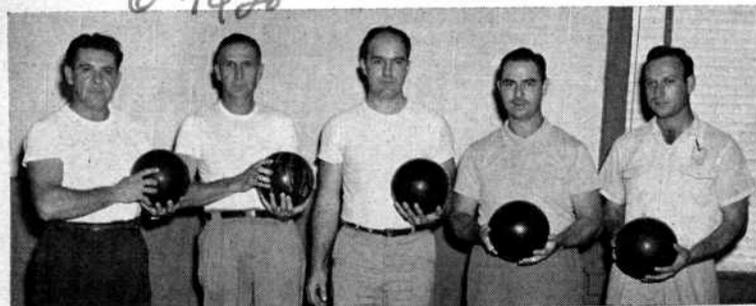
Riders Wanted—From Knoxville via Oak Ridge Highway to any portal, B Shift, A. L. Franklin, plant telephone 7269, home telephone 7-1507, Knoxville.

Riders Wanted — From South and West Knoxville, straight day. Bill Hood, plant telephone 7-8382, home telephone 7-2412, Knoxville.

Two Drivers Want To Join Or Form Car Pool—From 109 Victoria Road, Oak Ridge, to Central Parking Lot, straight day. F. W. Harmon, plant telephone 7-8368, home telephone 5-3130.

Riders Wanted—From Lake City to East Portal, straight day. Edna Tyler, plant telephone 7-8376, home telephone 3540.

Ride Wanted Or Will Join Car Pool — From vicinity of Walsh Lane and Outer Drive, Oak Ridge, to Central Parking Lot, straight day. H. E. Henderson, plant telephone 7484, home telephone 5-3362, Oak Ridge.



ALWAYS STRONG COMPETITORS IN THE B LEAGUE OF PLANT BOWLERS are the Has Beens, shown above. From left are H. Tripp, Roy Roberts, C. Smith, Jack McLendon and A. Stewart.

DID YOU KNOW THAT

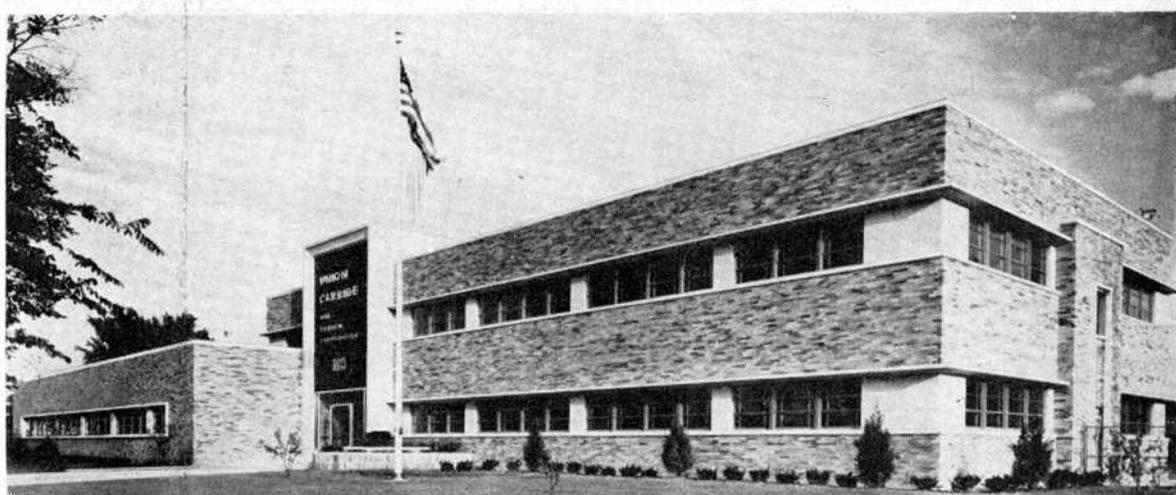
MOST ACCIDENTS HAPPEN ON STRAIGHT UNOBSTRUCTED HIGHWAYS.

IT WOULD TAKE A CITY THE SIZE OF ST. LOUIS TO HOUSE ALL THE PEOPLE WHO WERE INJURED IN CITY TRAFFIC ACCIDENTS LAST YEAR.

MAC + DAD

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UNION CARBIDE AND CARBON CORPORATION HAS CONSOLIDATED ITS OFFICES IN DETROIT IN THIS modern office building and distribution center. Part of it is a one-story office and stock room, the other part is a two-story office and service building. Special features provided for the convenience of employees include complete air-conditioning, fluorescent lighting, ample parking facilities, and a lunch room. The new headquarters houses all the Divisions of Union Carbide now located in the Detroit area. These include Bakelite Company, Carbide and Carbon Chemicals Company, Electro Metallurgical Company, Haynes Stellite Company, Linde Air Products Company, and National Carbon Company.



EVEN A DREAM NEEDS A GOOD FOUNDATION

Purchase Of U. S. Savings Bonds Made Easy For Y-12ers Through Payroll Deduction Plan

With the sale of Series E United States Savings Bonds reported on the upgrade all over the country, Y-12ers are again reminded of how simple it is for them to purchase the securities through the Payroll Savings Plan right here in the plant. The Savings Bonds pay three per cent if held to a maturity of nine years and eight months—or six per cent if held for another 10 years. They are sold in denominations of \$25, \$50 and \$100 with the sale price being \$18.75, \$37.50 and \$75, respectively.

It is easy to join the Payroll Savings Plan for purchase of Savings Bonds through payroll deductions. The forms for purchase orders and deductions may be obtained from all Timekeepers in the Y-12 Plant Area or from the Time Office on the ground floor of the Y-12 Cafeteria. Deductions can be made to suit the purchaser, the only stipulation being that they be in multiples of 25 cents.

The Savings Bonds, when the purchase price has been paid by the buyer, may be delivered to the employee with pay checks or left with the Company for safe keeping.

Purchase of United States Series E Savings Bonds has long been recognized as one of the easiest methods of savings and investment and now more than 8,000,000 wage and salary earners throughout the country are buying these bonds regularly through payroll deductions. As a steadily growing investment that have proven valuable time after time when converted for purchase of homes, automobiles, appliances or other items. On the other hand when kept for the 10 or 20 years maturity dates, they will provide an excellent nest egg for retired persons.

Holmes Safety Association Again Honors Y-12 Record

The Joseph A. Holmes Safety Association has joined the National Safety Council, the Atomic Energy Commission and Carbide and Carbon Chemicals Company in honoring Y-12 employees for establishing that record 3,126,787 man-hours of plant operations without a lost time accident from July 30 to November 20, 1953. A Certificate of Honor scroll from the association was received in Y-12 last week. The Holmes association also honored Y-12ers back in 1950 with another Certificate of Honor for having no fatalities from September 30, 1947 to December 31, 1949, during which the plant operated 9,012,839 man-hours. That certificate also cited the accident-free period from August 24, 1948 to April 25, 1949 when 2,853,478 hours were worked without a lost time accident.



Gliding And Research Topic At RESA Meeting

"Gliding and Soaring as an Inspirational Influence for Research" will be the interesting topic of an address by Dr. August Raspert at a meeting of the Oak Ridge Branch of the Research Society of America in Oak Ridge tomorrow night, Thursday, February 17. The public is invited to attend the meeting, which will be held at 8 o'clock in the East Lounge of the Ridge Recreation Hall.

Dr. Raspert, of the Aerophysics Department of Mississippi State College, as a scientist and inventor has been prolific in developing new instruments and techniques for dynamic measurements. His major efforts have been directed at development of aircraft instruments and aerodynamics, which led into his interest in gliding and soaring. He has served as a director of the Soaring Society of America, and also is a member of the Instrument Society of America.

Dr. Raspert received his B.S. Degree in physics from Carnegie Institute of Technology in 1935 and took graduate work at the University of Maryland where he obtained his M.S. Degree in 1940 and Ph. D. Degree in 1942.

Chemicals Company Safety Record Best

Continued from Page 1 (000,000 hours with its period.) The Carbide South Charleston plant also won an award.

Four of the smaller Carbide plants—Diamond, Hastings, Leach, Niagara Falls and Louisville—went through the entire year of 1954 without a lost time accident.

Winding up his report, Hamilton pointed out that the Union Carbide and Carbon Corporation 1954 frequency and severity rates of 2.99 and .58 respectively, are the best in the history of UCC, the second straight year that UCC has set new records in these categories.

Some Y-12ers might remark that "What's in a statistic?"

Good To Be Statistic

The answer is that "it's good to be such a statistic as are revealed in the Y-12 records—it saves a lot of misery, pain and worry from being a lost time accident victim."

NOBODY LOVES FAT FOLKS

Dr. Averill Stowell, Tulsa Okla., neurosurgeon, is quoted by the New York Times as suggesting that thin or underfed persons may have a better chance to survive radiation injuries in event of atomic or hydrogen bomb attacks than overweight folks. He made his remarks in an address to the congress of International College of Surgeons in Chicago.



UCC Traffic Manager Honored By Alumni

Charles H. Beard, General Traffic Manager, Union Carbide and Carbon Corporation, received an Award of Merit from the Alumni Association of Girard College at a dinner given recently at the Commodore Hotel in New York. Members of the Girard College Alumni group, friends, and business associates attended the dinner.

Beard was graduated from Girard College in 1920 and entered the transportation field with the Southern Pacific Railroad. Later he went with the Illinois Central Railroad and was sent to New York City as City Freight Agent. He joined Union Carbide and Carbon Corporation in 1936, and was appointed General Traffic Manager of that Corporation in 1939. In this capacity he administers the transportation activity of some 300 UCC plants, involving an annual expenditure in excess of \$75,000,000.

He is well known in transportation circles. In addition to his activities as General Traffic Manager of Union Carbide, he is active on a number of committees in his field. One of these is the Cabinet Committee on Transport Policy and Organization, under Secretary of Commerce Sinclair Weeks, on which Beard serves as a member of the working group.

Who shoots at the midday sun, although he be sure he shall never hit the mark, yet as sure he is he shall shoot higher than who aims but at a bush—Sir Philip Sydney.

Two Groups Will Hear Address By Erdman

Donald C. Erdman, president of Electro Circuits, Inc., Pasadena, Cal., will address a joint meeting of two technical organizations in Oak Ridge next Tuesday, February 22. The groups are the Oak Ridge Chapters of the Society for Non-Destructive Testing and the American Society for Metals. The meeting will be at 8 p.m. in the lecture room of the Oak Ridge Institute of Nuclear Studies.

The subject of Erdman's talk will be "Use of Remote Servo-Controlled Ultrasonic Crystal Manipulator and New Developments on Ultrasonic Search Crystals." He is a leading authority in the field of ultrasonic testing, having made numerous contributions toward developing this medium into a practical and nondestructive test.

The speaker graduate from Pomona, Cal., College in 1938. After a year of graduate work and teaching he became research physicist for Triplett and Barton and remained with that firm for 13 years. In 1951 Electro Circuits was formed with Erdman as president and chief engineer.

The next meeting of the American Society for Metals will be March 16 at the Knights of Columbus Hall when the speaker will be Francis Foley, of the International Nickle Company. He will speak on "Modes of Failure at High Temperatures."

Inter-Plant Shuttle Bus Service Available To Y-12ers

Shuttle bus service providing inter-plant passenger service is available for all Carbide personnel in connection with official duties. Vehicles leave the Y-12 North Portal Mail Room at 9 a.m. and 1:30 p.m. for Clayton Hall and K-25 and at 11 a.m. and 3:25 p.m. for Oak Ridge National Laboratory and K-25. The points of departure for the busses in Y-12 is only at the North Portal and at Oak Ridge National Laboratory the station is Bldg. 2068 at the flagpole. At K-25 the terminal is the Mail Room in Bldg. K-1001 and at Clayton Hall the stop is at the Mail Section.

TECHNOLOGY HELPFUL

Technology plus the free enterprise system have tripled the output per man-hour of America's working force since the turn of the century, according to the Chamber of Commerce of the United States.