UNION CARBIDE

—Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

VOL. 20 — NO. 41 | OAK RIDGE, TENNESSEE | Wednesday, October 12, 1966

120340

'Needed Share' Amounts To Price Of Cigarette Pack

You Loudon County residents contributing to the United Fund are lumping 14 campaigns into one. Typical of the other four counties participating in Carbide's payroll deduction, Loudon County has 14 worthwhile agencies in its big UF . . . there's the American Cancer Society, the American Legion Mile of Dimes (similar to Anderson's Holiday Bureau, Knox's Empty Stocking Fund), American Red Cross, Boy's Club of Lenoir City, Daniel Arthur Rehabilitation Center (which is open to Loudon County patients as well as other neighboring counties), The Empty Stocking Fund, Greenback, the Girl Scouts, the Boy Scouts, Lenoir City Volunteer Rescue Squad, the Loudon Mile of Dimes, the Loudon County Emergency Rescue Squad, the Philadelphia Community Chest and the Youth Club of Loudon.

Roane, Morgan counties . . . as well as our own . . . all have similar programs to relieve suffering and human want in their various communities. (Often we emphasize the needs in Anderson and Knox counties simply because we know more about them.) But the five counties participating in the payroll deduction part of Carbide's Union Fund all have similar problems . . . and similar solutions.

A Little Each Month

By giving a little each month, we can support these once-a-year requests for aid. The price of a pack of cigarettes for every $100 salary is roughly what UF solicitors have defined as a "needed share."

The slide-sound show "More Than Words" is still showing throughout the plant. It explains much better than any printed word the activities of United Fund agencies in this area . . . agencies geared to care for children from broken homes, the mentally distressed, the physically ill, the unwed mother, the service man away from home trying to make contact with his family because of illness or other troubles, the distress of a family trying to locate a lost child . . . and so on.

Employee's Story

A recent UF committee meeting in th Metal Preparation Division was highlighted by the father of a ten-year-old who is now walking for the first time in his life. The employee dramatically describes the little fellow's first steps after therapy at the Daniel Arthur Rehabilitation Center. Although the child is still using crutches, there is hope now that he will be able to walk one day without these aids. Prior to the needed therapy, the child had never walked. The Maintenance Division man "crossed over the boundaries of divisions" to eloquently attest the miracles that are being wrought at the Center.

Beginning next week, UF money will begin to be reported in the Bulletin. Every division has a goal . . . adding up to the entire plant's goal of $89,000. It's not very much when it's broken down among 4,500 employees . . . as the men say, the price of a pack of cigarettes for every $100 of salary. Surely we would spare a pack of cigarettes to make a child walk . . . or help alleviate pain and suffering anywhere!

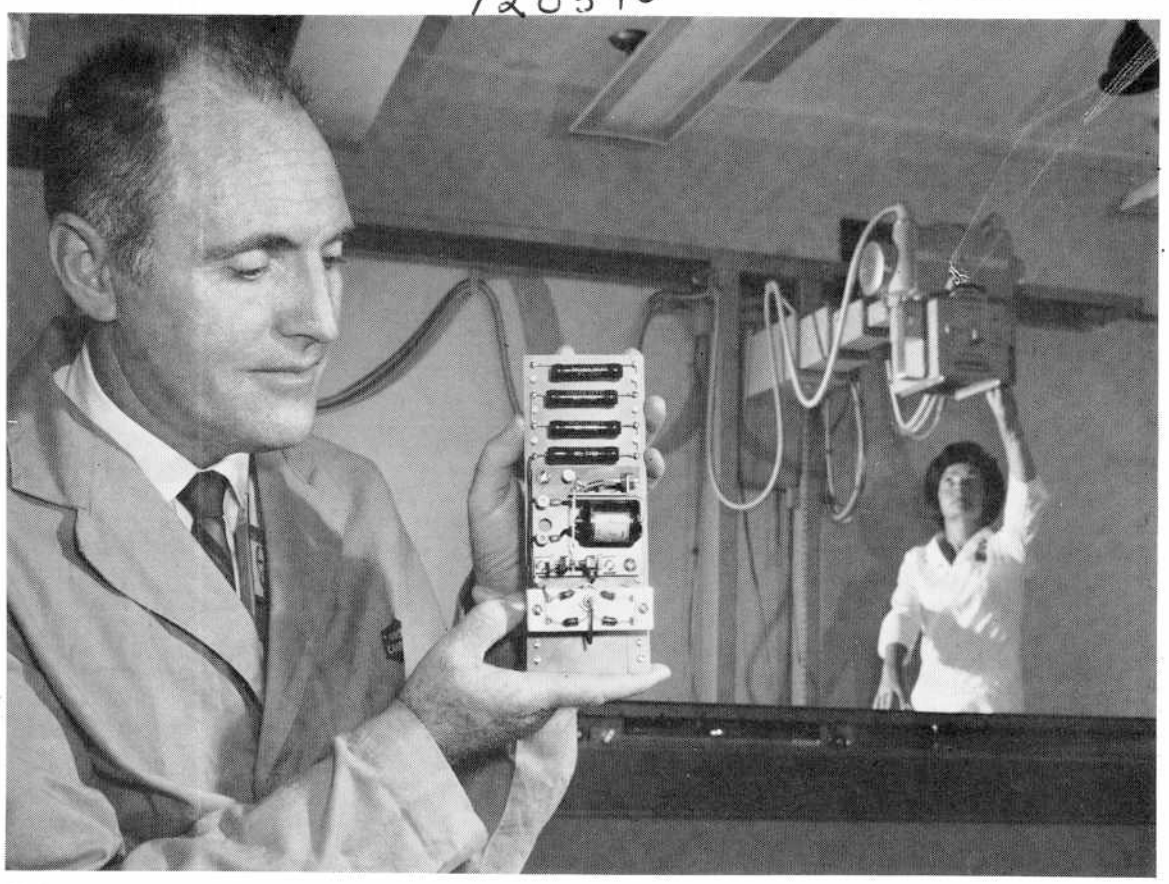
Y-12 Leads Field

Y-12 leads the three plants in this area in per capita giving . . . as well as percentiles participating in United Fund giving. It is every employee's desire to see that this lead is maintained. We can do it by giving our "needed share." (There's a blank on the contribution card which will deduct three-tenths of one per cent of your salary. All you have to do is check it, sign and date the card and return it to your solicitor. Computers do the rest . . . and the "needed share" is deducted from your check on a regular basis. This way you don't miss it as much as if you would if you gave it all at one time.)

"Needed Share" is your way of helping where help is needed most. Have you signed your card yet?

TENNESSEE TOURISM

Tennesseans take about $295,000,000 a year from tourists within their borders, proving that "it's easier to pick a tourist than a bale of cotton."



E. W. PIPES, ELECTRICAL, demonstrates his development . . . a voltage sensing device which prevent personnel from being accidentally exposed to X-ray radiation. In the background, on the medical-type X-ray is Charlyne Smith.

IEEE Meeting Set Tomorrow At 7:30

The Oak Ridge Section of the Institute of Electric and Electronic Engineers will meet tomorrow. The meeting is set for Thursday, October 13, at 7:30 p.m. in the Green Room of the Ridge Recreation Hall.

Wilson R. Cooper, Tennessee Valley Authority, will speak on "The Technical and Economical Aspects of the Browns Ferry Nuclear Plant."

Wilson is a graduate from Rensselaer Polytechnic Institute. He worked for the General Electric Company and the Pennsylvania Railroad before joining the TVA in 1934. In 1953 he was assigned by TVA to the Oak Ridge National Laboratory, where he performed studies for ORNL and the AEC. He is presently in the TVA nuclear planning group.

Voltage Sensing Device Is 'Fail-Safe' X-Ray Alarm

A voltage sensing device has been developed at Y-12 as a fail-safe system to prevent personnel from being accidentally exposed to X-ray radiation used in product certification, research and medical examinations.

The sensor serves as the ultimate monitor in determining if an X-ray machine is operating, even when the control panel indicates otherwise.

The device, when attached to the primary voltage lines of an X-ray generator, will set off an alarm — flashing light, horn or buzzer — if it detects a voltage on the generator. Its sensitivity range, normally from 10 to 460 volts, can be adjusted for an individual machine.

The system, developed by E. W. Pipes, Electrical Department, also may be used as a safety monitor on power supplies for neutron generators, electron beam welders and furnaces and high voltage test equipment.

Red Cross Needs Volunteer Drivers

The American Red Cross needs you as a volunteer motor pool driver.

One of the many services of the local chapter is to provide transportation for the elderly and the handicapped. These people need to go to meetings, make doctor visits in Oak Ridge and Knoxville, go to the Daniel Arthur Rehabilitation Center for treatment and therapy, etc. Many of them are unable to drive or do not have a car.

Sometimes a driver is needed on very short notice. The Red Cross is attempting to establish a large list of volunteers so that no one will be turned down and no individual will have to drive very often.

The Red Cross will provide you with the car. If you prefer to drive your own, they will reimburse you for any expenses. Get your name in the motor pool today . . . call the American Red Cross office on the Turnpike, Oak Ridge, telephone 483-5641.

Joint ASM-ASME Meet Is Set Next Tuesday

A joint American Society for Metals and American Society of Mechanical Engineers meeting is set next week. It will be held Tuesday, October 18, at Regas Restaurant, Knoxville. The social hour begins at 6:15 p.m.; dinner at 7; and the technical session at 8.

C. F. Robards, president and technical director of Bardell, Inc., will speak on "What Can Nondestructive Testing Really Tell Us?"

Dinner reservations may be made through Bill Martin, extension 3-1675. No reservations are needed for the technical session.

6-13175

THE FABRICATION DIVISION'S United Fund solicitors met recently in Building 9201-1 to formulate plans for the division's 'over-the-hump' drive for 1966. Seated from left are F. K. Clabough, G. C. Keller, B. G. Cross, C. B. Smith, B. L. Shumpert and J. S. McCarty. Standing are H. M. Hays, C. C. Neeley, H. A. Maney, R. E. Myers, L. A. Watson, H. T. Clark and R. E. Hester.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated
48 Days Or
1,380,000 Man-Hours
Through October 9
Without A Disabling Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION

UNION CARBIDE
NUCLEAR DIVISION

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Katy Kutkost SEZ:

NOW IS THE TIME . . .

To take advantage of your water content analysis needs. We have been advised by a relatively reliable source from Plant Laboratory — Joe Stewart Jr. — that from now on samples will be analyzed 59 per cent cheaper.

It happened because Joe was sensitive. This year the sample load kept building up to where Joe was embarrassed at giving slow service—which is indeed a very high buildup. With Bob Thornton's help, the analysis "still" was streamlined from semi-pilot plant scale down to lab size.

Result: Per cent water in plastics and organic liquids now take 30 minutes to run instead of 72. Savings to Plant: About $3,000/year.

Joe's embarrassment was further manifested by a $2,000/year chop in metal chip container costs. He substitute a 35¢ coffee can for a $90 birdcage.

For good measure he cancelled duplicate samples on analyses which statistical looks proved unnecessary. Savings: Over $4,000/year.

Joe, here's hoping this praise embarrasses you to even greater heights.

More Than Words

'More Than Words,' the slide show being shown throughout the plant supporting the United Fund, was written, produced and stars Y-12ers. The very excellent program encompasses services rendered Y-12 families in Anderson and Knox counties. The color slides were produced in our own photographic studios. With plant people active in almost every agency in the United Fund, here and elsewhere, it was easy to capture appealing photographs of many of the agencies' activities.

The program is not maudling, but is warm enough to direct our attention to where our dollars go in the United Fund giving. Congratulations to all those who gave a hand in producing the show.

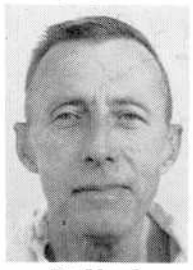
If you haven't seen it yet, check around to see where the next showing is scheduled. You'll come away more informed on United Funds.

TYPE LICE

From another Carbide publication: 'Carbide engineer straining course to open.' (It just goes to show you what a misplaced letter can do to the meaning of a sentence!)

Alabama Rites Held For C. H. Radford

The Dimensional Inspection Department was saddened recently by the death of Mr. Clemmon H. Radford.



Radford

Mr. Radford died at his Rt. 4, Clinton, home Saturday, October 1.

Mr. Radford came to Y-12 November 30, 1953, after working with the Waterman Steamship Lines, the Southern Coach Company, Evergreen, Alabama and the Pennsylvania Railroad. He served from 1927 until 1936 in the U.S. Navy and was in the U.S. Army during World War II. Born in Talladega, Alabama, he lived at Route 4, Sherwood Estates, Clinton.

Surviving are his wife, Mrs. Merle Radford; sons, Garland L. Frankfort, South Carolina, Kenneth W., Biloxi, Mississippi; and Edwin L., Clinton.

Funeral services and burial were held in Evergreen, Alabama, Tuesday, October 4.

Sincere sympathy is extended the Radford family.

Physics Seminar Features India Atomic Energy Man

R. Ramanna, India Atomic Energy Establishment, Trombay, will be guest lecturer at this week's Physics Division seminar. His topic will be "Stochastic Theory of Fission."

The seminar is set for Friday, October 14, at 3:15 p.m., in he East Auditorium of ORNL's 4500 Building.

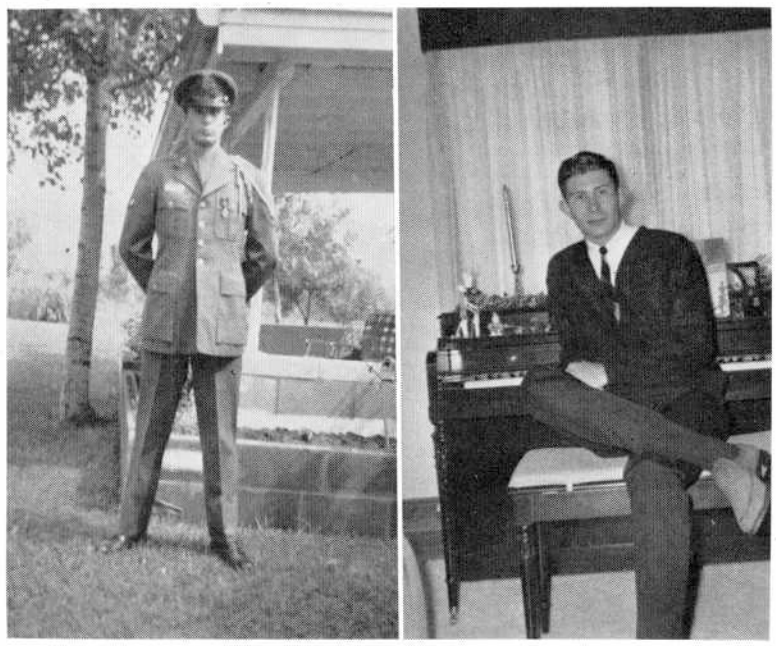
Turbulent Plasma Heating Thermonuclear Topic

R. V. Neidigh, W. D. Jones and W. L. Stirling will discuss "Turbulent Heating of Plasma" at this week's Thermonuclear Division seminar.

The seminar is set for Friday, October 14, at 9 a.m. in the TD Conference Room, Building 9201-2.

CAUSE FOR WORRY

A man we know said he never worried about his marriage until he moved here from the West Coast . . . then noticed he still has the same milkman!



SOLDIER-SCHOLAR is Victor Kinamon, son of Mr. and Mrs. M. L. Kinamon, Emory Road, Knoxville. Vic's father is in Y-12's Machine Maintenance.

Kinamon Family Boasts Scholar Son At UT; Named Outstanding ROTC Cadet

M. L. Kinamon, Machine Maintenance, has just reason to be proud of his son Victor.

Early in the Spring, the Kinamons were notified that their son had garnered ROTC honors at the University of Tennessee. "... In a formal military ceremony, Victor will be presented the Chicago Tribune Silver Medal Award for his outstanding leadership and academic achievements in the Air Force Reserve Officers' Training (AF ROTC), during the past school year.

"I take this medium to inform you of the award, to tell you that we are very proud of Victor, and to express our appreciation for his participation in our program." On the heels of the ROTC honor, Victor had word from the Graduate School at UT that his continued appearance on the Dean's List had come to their attention. The letter stated that more than half of the students who graduate from UT enter graduate school either there or at another college or university.

Dean Hilton A. Smith added, "I should like to congratulate you on your scholastic achievement, and hope you will continue to do well throughout your undergraduate program."

Victor is a Junior in the school of education. His first two years of school were spent in the engineering division. A graduate of Halls High School, he has maintained a 3.16 cumulative average.

The Kinamons live on Route 13, Emory Road, Fountain City, and have a daughter, Anita, a junior at Halls.

Ride wanted or will join car pool from Colonial Village area, Knoxville, to North Portal (Biology Gate), straight day. John R. Gilbert, plant phone 3-7791, home phone Knoxville 577-0600.

Ride wanted from Kingston Pike at Walker Springs Road to West Portal, straight day. Sam Hart, plant phone 3-5086, home phone Knoxville 588-1682.

One car pool member wanted in vicinity of Florida and Delaware Avenues, Oak Ridge, to North Portal, straight day. J. W. Cantrell, plant phone 3-5732, home phone Oak Ridge 483-6378.

HEADACHES ENOUGH

A fellow we know has a wife named Inez. As if he didn't have enough troubles during the recent hurricane . . . his mother-in-law is named Judith, the name of the next big blow!

THE 1966-67 UNITED FUND officials for the three Union Carbide plants confer at a pre-drive meeting held recently. They are from left, N. A. O'Neal, Y-12 co-chairman; H. F. McDuffie, ORNL co-chairman; G. A. Atchley, Y-12 co-chairman; R. L. Newton, K-25 chairman; D. M. Lang, general chairman for the three plants; G. W. Flack, General Staff chairman; M. F. Schwenn, Y-12 chairman; and N. L. Beeler, ORNL co-chairman.

Rumanian Pianist To Play Saturday

The Oak Ridge Civic Music Association will open its 1966-67 season with the brilliant Rumanian pianist Valentine Gheorghiu playing with the Oak Ridge Symphony, Franklin Choset conducting. Gheorghiu is visiting in the United States as a judge in the International Van Cliburn competition, and his appearance in Oak Ridge will be the only public concert for this accomplished artist.

Gheorghiu will play the Beethoven Piano Concerto No. 1 in C Major . . . the brilliant early work that came near the end of the composer's "Classical" period. He will also play Mendelssohn's Piano Concerto No. 1 in g minor . . . a very difficult concerto, full of grace, charm and brilliance that is characteristic of the composer.

The orchestra will perform Mozart's Overture to the Impressario, a light, bustling classical-opera style overture; and Enesco's Rumanian Rhapsody No. 1, an orchestral number from the 20th century, full of rustic melodies and gypsy rhythm.

The concert is set for Saturday, October 15, at the Oak Ridge High School Auditorium, at 8:15 p.m. Tickets will be available at the door before the concert, and season tickets to the ORCMA concerts still may be obtained from Dave Eissenberg, 101 Carleton Lane, Oak Ridge.

South Of Border Facilities Grow

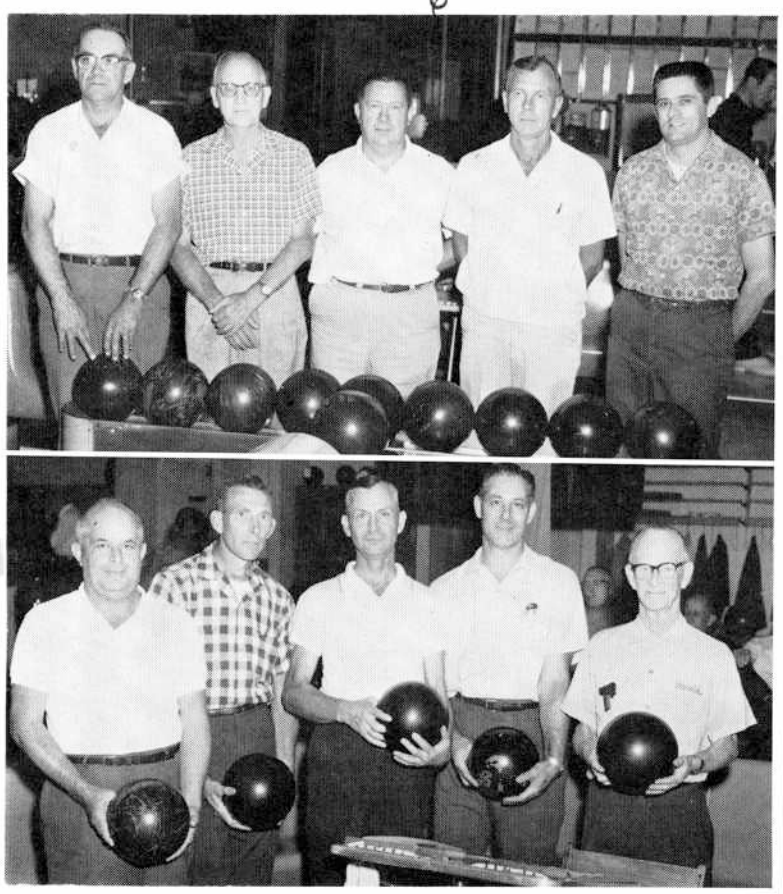
Plans for expanding the chemicals and plastics facilities of Union Carbide do Brasil S.A., in Cubatao, have been announced by Birny Mason Jr., chairman of the board. The expansion will increase polyethylene production by 90 million pounds annually and also provide for supporting olefins production facilities. The expansion is scheduled for completion late next year. This third expansion since the plant opened in 1959 will more than double the present capacity of the facilities of Union Carbide do Brasil.

Wulff furnaces will be used in the production of ethylene, acetylene, and other related products. The size and design of the facilities are such as to be economically competitive in world markets. The initial olefins capacity will satisfy the present related markets in Brazil, and the facilities are being designed to be readily expandable as Brazil's needs for ethylene, polyethylene, and ethylene derivatives increase.

The Cubatao operation of Union Carbide do Brasil S.A. was Union Carbide's first chemicals plant in South America. Other facilities on the continent include battery producing operations in Argentina, Colombia, and Venezuela, as well as operations for producing batteries, industrial gases and carbide in Brazil. Facilities in other parts of Latin America include major operations in Mexico, producing polystyrene, phenolics, batteries, and electrodes, and a new dry cell battery plant in Costa Rica. Union Carbide has been active in Latin America since 1931.

FREE BLOOD FOR ORAU

The Nashville Regional Blood Center of the American Red Cross provides blood for use of patients in the Medical Division of the Oak Ridge Associated Universities. The Center provides this needed blood free of charge.



THE SCREWBALLS AND THE WASPS, big teams both, in the Classic League, line up for action. In the top photograph, the Screwballs are Carl Frazier, H. O. Runge, Fred Wray, Captain Ray Seivers and J. V. Hawkins. The Wasps, from left, in the lower picture are J. D. Davis, Tom W. Compton, Captain Fred Clabough, Perry Bullard and Harold Ratjen.

Three-Point Wins Taken By Most Classic League Bowling Victors

The Smelters stretched their early-league lead in the Y-12 Classic Bowling set last week to two points, by taming the Tigers for three points. Other similar wins went to the Bumpers past the Rebels, the Has Beens by the Playboys, the Screwballs over the Wasps, the Bums past the All Stars, the Splinters over the Eightballs and th Eagles edging by the Swingsters. A tie-match resulted in the Markers-Rippers tilt.

Jack McLendon, Has Beens, proved himself an "is now" on singles, posting a 232 scratch, 263 handicap tally. Ray Galford, Bumpers, boasted a 585 scratch series; and Bobby Rutherford, Has Beens, scored a 685 handicap series.

The Has Beens looked good on scratch counting . . . 897 singles, 2465 series . . . while the Splinters rolled 1070 handicap singles . . . 3054 handicap series.

League standings follow:

Team	W	L
Smelters	15	5
Bumpers	13	7
Rebels	12	8
Has Beens	12	8
Screwballs	12	8
Cubs	11	9
Swingsters	10	10
Eightballs	10	10
Markers	10	10
Splinters	10	10
All Stars	9	11
Tigers	9	11
Wasps	8	12
Rippers	7	13
Eagles	7	13
Playboys	5	15

Case Leads Skeet Tournament Again

October's bright blue caught Jack Case leading the Skeet Shooters in the tournament held October 2. His 48.984 handicap score led the pack. Bo Glovier registered in third with a 48.080 . . . being nosed out for second place by Fred Welfare, ORNL, with a 48.813.

The next tournament will be fired on Sunday, November 13, at 1 p.m. at the Oak Ridge Sportsman's Association range. Each day's firing is a complete contest. The rules are being revised to make it tougher on the experienced Skeeters so new shooters are invited to participate. Equipment and/or instructions are available from the old pros. All shotgun shooters are invited to participate.

For further details call Fred Welfare, extension 3-5962, or Charlie Asmanes, 3-7296.

October Handicap Scoring:

Shooter	Score
R. A. Allstun, Y-12	47.978
C. Asmanes, Y-12	46.823
W. E. Brundage, X-10	45.074
J. M. Case, Y-12	48.984
H. D. Willis, X-10	47.400
D. L. Glovier	38.080
W. H. Davy, K-25	46.375
H. Prewett, Y-12	47.920
F. G. Welfare, X-10	48.813
F. S. Patton, Y-12	44.822

Costly Fires Biggest Damage Is Human Life

Each day, on the average, the cost of fires in private homes and apartments was almost 18 lives, 1665 homes damaged or destroyed, and over $1,160,000 in dollar losses. The homes can be rebuilt . . . the money replaced . . . but human life cannot be replaced. Only through adequate planning and preventive action can fires be brought under control. Tragically, about one-third of the 2,100 victims among children last year had been left alone and unattended when fire struck.

College Expenses Expected To Rise

The expense of attending a state university or college averaged $1,560 a year in 1965, according to the U.S. Office of Education. The OOE also estimates an increase to $2,400 by 1980.

The estimate for private schools is a rise from $2,370 last year to $3,640 by 1980. These figures represent charges for room, board and tuition. Books, laundry, travel and spending money are not included in either of the two figures.

Rollers New Mixed Bowling Top Aces

The Rollers rolled their way into first place standings (deadlocked wih the Mustangs) in last week's action in the Mixed Bowling League. The Rollers out-rolled the Twisters for the full count. Taking three the Mustangs overpowered the Hits & Misses, the Alley Cats dethorned the Roses 'N Thorns . . . and the Goofers outdid the Novices.

Joyce Gillihan, Rollers, held down scratch honors for the female keglers, rolling a scratch game of 160 and a series of 449. Nancy Garrison, Hits & Misses, posted high in handicap scoring, singles of 210 . . . series of 589. Male bowlers saw George Cantrell, Mustangs, muster a 212 scratch game . . . a 233 handicap single to tie with S. M. Pintur, Alley Cats. George's 561 scratch series was high . . . and Steve's 625 handicap series copped honors.

The Mustangs swept team honors all the way . . . scratch singles 661, handicap singles 785 . . . series of 1851 and 2223.

Team	W	L
Mustangs	14	6
Rollers	14	6
Alley Cats	11	9
Twisters	10	10
Goofers	9	11
Novices	8	12
Hits & Misses	7	13
Roses 'N Thorns	7	13

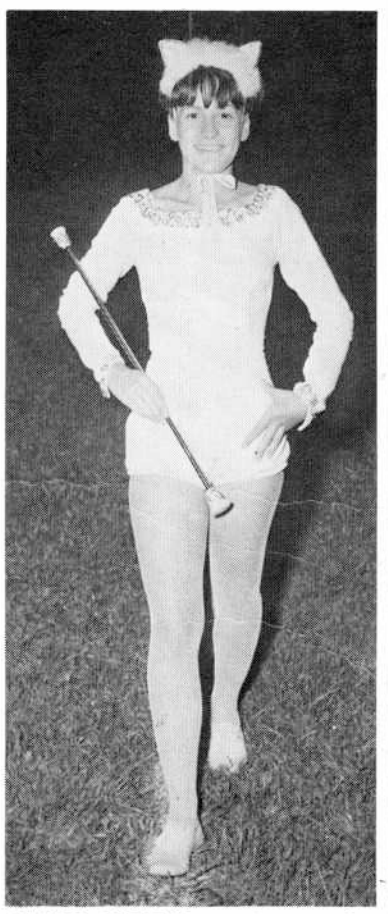
Smallmouth Rodeo Set October 22

E. F. G. H and J Shifters are planning a big Smallmouth Bass Tournament . . . just in time for the big Fall run of the smallmouth at Norris.

Saturday, October 22, is the big day . . . registration from 6 to 10 a.m. . . . and weighings-in at 4 to 5 p.m.

There will be 12 prizes for the fishermen and one for the lucky dock prize drawer.

All Carbide employees . . . plus their wives, husbands and children. There's no charge, but everyone must register at the dock to be eligible. It's all set at the Stardust Boat Dock on Norris Lake.



CINDY RUSSELL, majorette for the Karns Beaver Band. Cindy, the 16-year-old daughter of F. J. Russell, Electrical, is a senior at Karns High School.

THE BIG BRAVES, Y-12 Champs for the Softball Tournament, took second place standings in the year's league . . . losing out in a play-off to the ORNL Red Devils. Above they are seen with their Tournament Trophies. Kneeling from left are Manager Rick Hull, Jim George, Jim Shoemaker, Ray Riggs and Jim Milligan. Standing are Bob Culton, John Evans, Connie Strike, Bill Inklebarger and Bill Butterini. Not pictured are Bobby Hopkins, Loyd Wyatt, John Chapman and Charlie Holland.

Recreation

calendar

Monday, October 17

BOWLING: 5:45 p.m., C League, Ark Lanes.

TABLE TENNIS: 7 p.m. Wildcat's Den.

BALLROOM DANCE INSTRUCTION: 7, 8, 9 p.m. Coral Room, Ridge Recreation Hall.

Tuesday, October 18

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, October 19

SMALLBORE RIFLE LEAGUE: 7 p.m., Clinton Indoor Range.

BOWLING: 8 p.m., Mixed League, Ark Lanes.

Thursday, October 20

BOWLING: 5:45 p.m. Classic League, Ark Lanes.

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

BADMINTON: 7 p.m., Jefferson Junior High School Gymnasium.

Saturday, October 22

SMALLMOUTH RODEO: 6 to 5 p.m. Norris Stardust Boat Dock. E, F, G, H and J Shifts. All Y-12ers welcome.

Holiday Bureau Answers Christmas Needs Here

The Holiday Bureau makes possible Christmas gifts and food baskets for children in needy Anderson County families. It assists also in the operation of year-round thrift shops in Oak Ridge and Clinton. Close liaison is maintained with City and County Welfare Departments to serve some 900 families. Similar organizations are part of the United Fund in other counties in this area.

Why A United Fund?

Why a United Fund? By combining many fund drives into one, the necessary money for health, welfare and youth organizations can be raised with greater efficiency and lower administrative cost, and with fewer demands on those who work in the fund drives. Better still, it gives the contributor only one solicitation. One gift works many MORE wonders!

Rounders, Strikers In C Bowling Tie

The Rounders and Strikers surged forth in the C Bowling League last week to tie for first standings. The Strikers struck the Sunflowers for four points . . . the Rounders rousted three from the Rodders. Other three point wins went to the Badgers over he Big Five and the Royal Flush over the Rollmasters.

The Invalids and HiLifers and the Fireballs and Parbusters shared two each.

John Householder, Strikers, took scrach highs in single posting with a 217. J. B. Kimsey, Big Five, rolled high in handicap counting . . . singles of 242 and series of 674. J. B. Fincher, Strikers, rolled a 580 scratch series.

The Strikers cinched all team honors . . . singles of 905 scratch, 1046 handicap . . . series of 2584, and 2973.

League standings follow:

Team	W	L
Rounders	11	5
Strikers	11	5
Badgers	10	6
Sunflowers	10	6
Rodders	8	8
Parbusters	8	8
Rollmasters	7	9
Big Five	7	9
Invalids	7	9
Fireballs	7	9
HiLifers	6	10
Royal Flush	4	12

Dave DeWalt Leads Y-12 Small-Bores

The X-10 team pushed its lead in front of the other two teams in last week's 22 Calibre Rifle League.

Team firings saw X-10 shoot a 1436 scratch . . . while Y-12men fired a 1413 . . . as the Independents scored 1434.

Dave DeWalt led handicap firing with a 290.156 . . . followed by H. D. Whitehead with a 289.625, and B. L. Powers with 289.417. Powers 287 was high in scratch firing. He was followed by Jack Huff with 286, and DeWalt with 285.

League standings follow:

Team	Points
X-10	23
Y-12	14
Independents	11

SIGN OF AGE

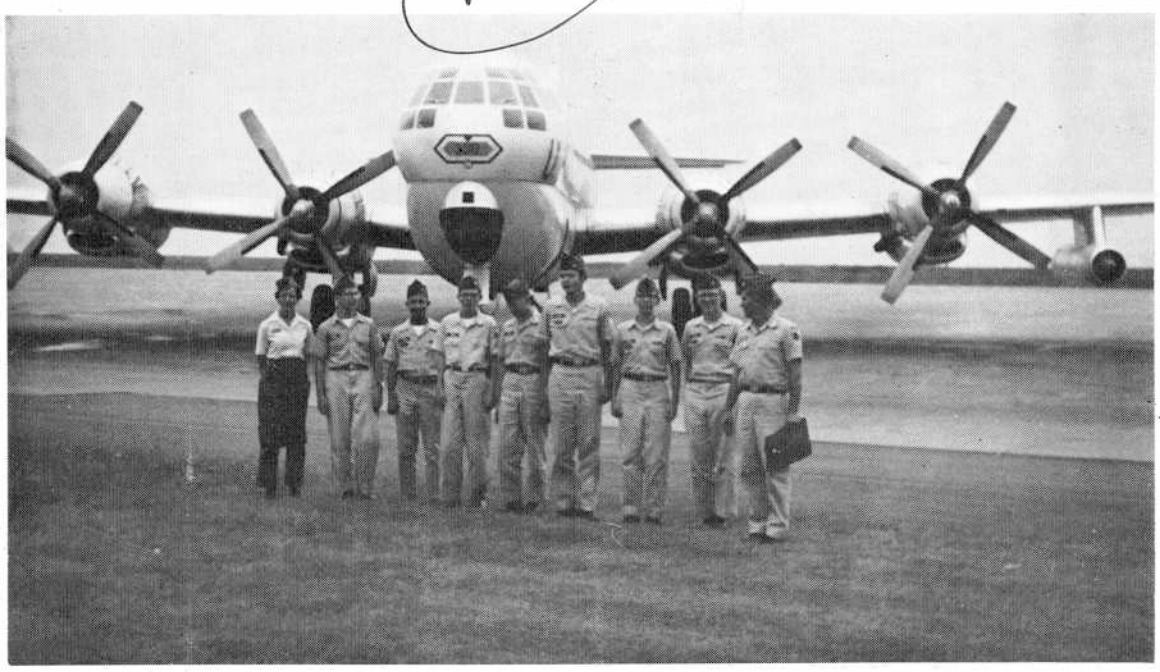
You're getting on in years when you find yourself giving good advice instead of setting a bad example.

UNION CARBIDE CORPORATION
NUCLEAR DIVISION

RETURN POSTAGE GUARANTEED

Post Office Box Y
Oak Ridge, Tennessee—37830

BULK RATE
U.S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71



MEMBERS OF THE OAK RIDGE SQUADRON, Civil Air Patrol, are seen in a pre-flight picture. From left, are, First Lieutenant Marjory Burgess, Cadets Robert Feldman, Wiliam King, Randal Keplinger, Douglas Clark, James and Phillip Russell, Stephen Lord and First Lieutenant Roy P. Russell Sr.

FIRST AID CLASSES at the Red Cross are being taught by Sita Halperin. Her patient (at left) is Phyllis Wichner. The local chapter of the Red Cross is offering free first aid classes during the day. Evening classes are being planned for January and February.

Local Red Cross Chapter Begins New Classes During Day-Time In First Aid

What would you do if your youngster came into the house with blood gushing from an open wound? Would you know what measures to take if you found your little one had just eaten an entire bottle of aspirins? These and countless other accidents are the cause of many needless fatalities every year simply because emergency measures were not taken.

You can be prepared for everyday mishaps. Call the local Red Cross office on the Turnpike, Oak Ridge, telephone 483-5641, and sign up for one or both First Aid Courses to be given free. The Standard Course began October 10 . . . and the Advanced Course begins October 31.

Mrs. Sita Halperin is instructor for the current classes. These courses are offered during the daytime at the Red Cross building. Classes are being planned during January and February for evening sessions.

Register now.

Bright days . . . cool frosty nights of October bring around more anniversaries for Union Carbide Corporation veterans. Congratulations.

20 YEARS

Jesse C. Sims, Utilities Administration, October 12.

15 YEARS

Odine C. Axley, Electrical Department, October 12.

Donald C. Hunt, Research Services, October 15.

Henry L. Finn, Process Maintenance, October 15.

Paul R. Schultz, Research Services, October 15.

Everett N. Rogers, Mechanical Inspection, October 15.

John L. Crossno Sr., General Machine Shop, October 15.

Perry W. Bullard, General Machine Shop, October 15.

Clarence V. Taylor, General Shop Job Liaison, October 15.

Joyce A. Williamson, Facilities Engineering, October 18.

Robert C. Burns, Process Maintenance, October 18.

10 YEARS

Clarice D. Cagle, Engineering Division, October 15.

Arnold K. Craft, Buildings, Grounds and Maintenance Shops, October 15.

Howell M. Abele, Civil and Architectural Engineering, October 16.

Automated Warehouse For South Charleston

Ground was broken recently for the automated warehouse at South Charleston, West Virginia. The warehouse, first of its kind in the chemical industry, will make use of unique automated mechanical devices to move drummed and packaged materials in and out of storage. These devices will be controlled by an on-site computer, which will receive instructions from Union Carbide's South Charleston Computer Center. The warehouse will serve the South Charleston and Institute, West Virginia, plants and will be a distribution center for other products from the corporation's Gulf Coast facilities. The warehouse will have about 180,000 square feet of floor space.

UNDERSTANDING VS. ENJOYING

"As I grow older, I understand life less and less, and love it more and more." Jacques Renard.

Pressure Cans—Handle With Care

Recently, a pressurized paint can was left on the front seat of a Government car parked facing the sun. The heat of the sun caused the pressure in the can to increase and exceed the safe limit of the can. The can exploded, causing paint to be spread about the car interior. The car was not occupied at the time.

The can carried the warning: "Do not puncture, incinerate or store above 120° F. Exposure to heat or prolonged exposure to sun may cause bursting."

This type pressure can is used not only widely in industry, but also in the home for paint, antiseptics, insecticides, hair sprays, etc. Container labels should be read and observed. And, remember, especially during the summer weather, temperatures are liable to soar to at least 120° in a closed automobile.

NIGHT FIRES

A night-time fire is the worst kind. Members of your family are scattered in the house . . . and sound asleep. Plan now an escape route (at least two for each room) . . . a signal system to alert the entire household. Better still, check all hazards to make sure a fire does not get started.

Several Y-12ers Active In Oak Ridge Squadron Of Civil Air Patrol Group

The Oak Ridge Squadron of the Civil Air Patrol recently completed a four-weekends encampment. Their activities included an orientation flight from McGhee Tyson Air Base in a refueling tanker plane, a ledership laboratory, emergency service training including Civil Defense and a visit to the CD headquarters and a briefing on CD emergency operations.

The squadron commander of the group is Roy P. Russell, Y-12's H-2 and F-Area Shops.

This is one of the many activities that the Civil Air Patrol members may participate in. Also there is a flying encampment every year for qualified cadets, an International Foreign Exchange, and scholarships available for deserving and qualified members.

Many of the cadets participating in the encampment are children of Y-12ers. In the Oak Ridge Composite Squadron are Cadets Robert Feldman, William King, Randall Keplinger, Frank Clark, James Russell, Phil Russell and Stephen Lord.

Marjory F. Burgess, wife of K. C., Gage Certification Laboratory, is a first lieutenant in the squadron.

Civil Air Patrol is the official civilian auxiliary of the United States Air Force and offers CAP members of all ages the opportunity to render vital public services that support our national objectives in the aerospace program.

Industrial Conference Board Names Birny Mason

Birny Mason Jr., Chairman of Union Carbide Corporation's Board of Directors, was recently elected a trustee of the National Industrial Conference Board. The board, founded in 1916, is an independent, nonprofit institute for business and industrial fact finding through scientific research. It is a source of facts and figures bearing on all aspects of economic life and business operations.

CHEMICAL COCOONS

Many manufacturers of impossible-to-package items such as boats and automobiles are using rigid urethane foam and trippable plastic coatings to protect their merchandise during transportation from factory to dealer. These lightweight chemical cocoons keep shipping costs down, are quickly and easily removed, and reduce cleanup-touchup problems before delivery to the customer.

THE MAINTENANCE DIVISION selected United Fund solicitors from all over. Seated, from left, are C. F. Jenkins, W. E. Heckert, W. W. Watson, C. M. Butram, W. L. Beeler, R. P. Putman and G. W. Smith. Standing are F. E. Clevenger, Dick Hayes, Riddel Jones, A. R. Melton, R. Harris, F. D. Bradburn, C. J. Cumbie, Clyde Dalton, Tony Heitzman, Don Hill, W. D. Hixon and A. I. Wallace.