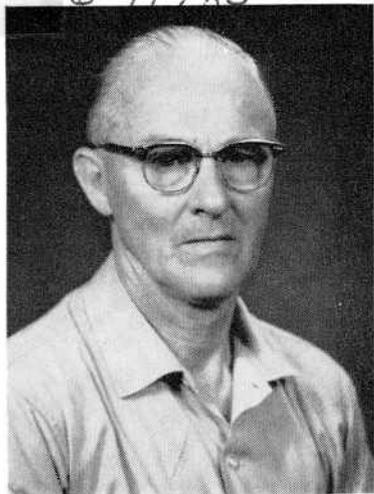


W. H. Lynch And Carson Wilkerson, Native Tennesseans, Retire From Y-12 In November

William H. Lynch, H-1 Foundry; and Carson W. Wilkerson, Buildings, Grounds and Maintenance Shops, retired from Y-12 Friday, November 29. This brings 1963's total to 29, and to 141 the number that have retired since Union Carbide Corporation began operations here in 1947.



William H. Lynch

William H. Lynch was born in Carthage, Tennessee. He farmed in his early years on his father's place in Buffalo Valley. In 1921 he went with the Coca Cola Bottling Company, Cookeville, and remained until 1943. He then went to Detroit with the Packard Motor Company. In 1947 he first came to Y-12, and left again in 1947. Until 1950 he worked with the Oak Ridge Schools system, and came back to Y-12 February 23, 1951.

Married to the former Irma Thompson, he lives at 290 Jefferson Avenue, Oak Ridge. The Lynches have four children . . . Mrs. Betty Mynatt, Oak Ridge, Mrs. Doris Starr, Seattle, Washington; and sons Robert J. Lynch, Oak Ridge, and Don W. Lynch, Clinton. They also have five grandchildren.

The retiring Lynch's co-workers gathered Wednesday, November 27, to honor him in Building 9212. Wilkerson is recuperating from surgery at home.

To Stay In Ridge

The retiree plans to stay around Oak Ridge for his retirement, at least for the present.

Another native Tennessean, Carson W. Wilkerson, retires Friday. He was born in Lenoir City. He still lives there with his family at 487 Grand St.

From 1915 until 1919, Wilkerson worked for his father . . . from 1919 until 1932 he did odd jobs on construction work. In 1932 he became a heavy equipment operator with the North Carolina Highway Department, Murphy. He worked there until 1940 when he went with the Tennessee Valley Authority, Fontana, North Carolina. In 1944 he came to Y-12 and worked here until 1946. He then went back to Lenoir City and worked on construction work until 1948. He came back to Y-12 March 5, 1948.

Wilkerson is married to the former Nina Stewart. They have one son Harry W. Wilkerson, Lenoir City; and a daughter Mrs. Jane Johnson, Andrews, North Carolina.

Best Wishes To Both

Best wishes go to each retiree. Both have more than the necessary 10 years to qualify for benefits under Union Carbide's Pension Plan, and Lynch is enrolled in the voluntary Retirement Plan.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
215 Days Or
6,673,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through December 1
Phone 7755
For Daily Report
On Accident-Free Hours



Carson W. Wilkerson

Lincoln's Economy Stand Still Good

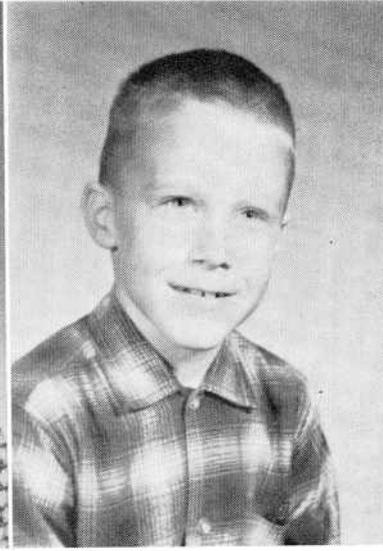
"You cannot bring about prosperity by discouraging thrift. You cannot strengthen the weak by weakening the strong. You cannot help the wage earner by pulling down the wage payer. You cannot further the brotherhood of man by encouraging class hatred. You cannot help the poor by destroying the rich. You cannot establish sound security on borrowed money. You cannot keep out of trouble by spending more than you earn. You cannot build character and courage by taking away man's initiative and independence. You cannot help man permanently by doing for them what they could and should do for themselves." A. Lincoln.

Michigan's Haybron Holds Friday Seminar

Oak Ridge National Laboratory's Physics Division Seminar this Friday will feature Ronald M. Haybron, on leave from Michigan State University. He will discuss "Inelastic Scattering of High Energy Neutrons."

The seminar will be held Friday, December 6, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.

Friday Is Big Night For Y-12 Adults As Tickets For Kids Party Start Out



DEBBIE AND CHARLES PULLEN
Numbers One, Two . . . And

Union Carbide To Sell Distillation Designs

Trays And Columns Included In Sales

Union Carbide Corporation is offering to sell to other companies its distillation equipment, which in its own plants has boosted capacities as much as 120 per cent. In some instances this equipment has upped efficiencies as much as 40 per cent over those obtained with conventional equipment. The proposed sale was announced last week by Birny Mason Jr., president of the corporation. The equipment consists of both trays and columns. It will be engineered, manufactured and marketed by the corporation's Linde Division.

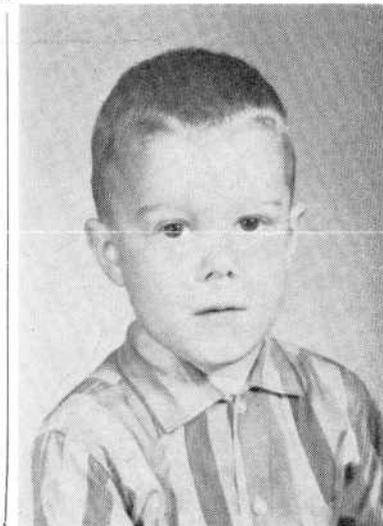
More than 80 distillation columns based on the new design technology are currently in service or under construction for various Union Carbide operations, according to Robert F. Flood, president of the Linde Division. He said, "The external marketing of equipment incorporating our extension know-how in design, engineering, and construction is part of a long-range program to capitalize on the wealth of technological background and manufacturing experience we have been accumulating since 1907." He also pointed out that the distillation equipment market has been variously estimated at between \$15 million and \$20 million annually for trays alone, and upwards of \$50 million annually for complete columns.

Intensified Development

The radically improved tray design now being offered by Union Carbide is the result of an intensified development project initiated by its Linde Division. The new trays have been successfully used for some time in Union Carbide's extensive operations.

By retraying existing columns, processors can achieve capacity and efficiency increases that may obviate the need for new or

Continued on Page 4



BOBBY PULLEN
. . . Three!

Data Collection Topic Of Meeting

Several Y-12ers heard an interesting discourse on "Data Collection" last week. The Gateway Chapter of the Data Processing Management Association met at the Holiday Inn, Oak Ridge, Tuesday, November 26.

Featured speaker at the meeting was Les Sherman, General Time Corporation, Washington, D. C. He traced the history of the transactor from 1928 when the system was first utilized by telephone. Sherman had a transactor on display and demonstrated it in action to the group.

Data collection, which is finding its place in almost all industry, is used in many plant operations.

Sunset Is Dangerous Hour For Motorists

At sunset, many drivers on the highways fail to use their lights until it is really dark—causing many accidents. Turn on your lights (just the parking ones if necessary) at the first sign of dusk. It will help others on the road to see you and possibly prevent them from running into your car.

This Friday is the big night for Y-12ers. Yessir, Friday, December 6 is the night of the annual soiree, when the Y-12 Christmas Dance will be held. From Bear Creek to East Portal, Y-12ers will assemble at the Oak Terrace, Oak Ridge, at 9 p.m. to begin the dancing.

O. J. Bailey's Orchestra, from Chattanooga, will be on hand again for the smooth music heard at previous dances. The door prizes (a peek into the dark room reveals hams, turkeys and fruit cakes) will be drawn during the intermission.

The tickets are only \$1.50 each, or \$3 for a couple. Advance tickets are still on sale at the Cafeteria, and may be obtained at the Recreation Office in advance of Friday's time.

Meanwhile, ticket applications are pouring in for the Carbide Kiddies' party set for December 23. First applications filed were turned in by Barbara Pullen. Her three youngsters, Bobby, Charles and Debbie drew tickets number one, two and three. Barbara is in the Technical Division . . . and husband Bill is in Metallurgical Development. The Pullens live at 101 Parsons Road, Oak Ridge. (This will be Debbie's last year as a 'child' . . . but don't fret, Debbie, next year you can come as an adult to sponsor Bobby and Charles!)

Application On Four

Another ticket application appears on page four of this issue of the Bulletin. Don't disappoint that child . . . fill it **completely**. Return to Recreation, Room 149, Building 9704-2. Your tickets will be sent to your home by mail.

Erik Adams and his trained chimps will be there to entertain all the youngsters, and to assist old Santa in bringing in the magic week.

Y-12 adults gather early Friday to put out the mistletoe and holly, dancing in the annual frolic.

Come On Out

We'll see all you 'big' Y-12ers at Friday's dance . . . and all you youngsters at the 9 a.m., 11 a.m., 1 p.m., 3 p.m., 5 p.m. parties on Monday, December 23. It looks like a big time for all!

Linde Division Donates Equipment

Union Carbide Corporation — Linde Division, has donated blood-freezing equipment to New York's blood center. The equipment was developed by Linde and employs liquid nitrogen as the freezing agent and refrigerant. The Division's blood program has been supported, in part, by the Office of Naval Research. Conventional storage methods can preserve whole blood for only 21 days, after which it must be discarded or reduced to plasma. Blood, frozen and stored in liquid nitrogen, can be kept indefinitely. The Blood Center plans the storage of up to 400 units of frozen rare blood.

The Bulletin

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



NUCLEAR DIVISION

JAMES A. YOUNG Editor



OFFICE
Post Office Box Y
Oak Ridge, Tenn. 37831
Bldg. 9704-2 Room 149
Telephone 7109

Home For Holidays



Shirley Perry

The holidays, both Thanksgiving and Christmas, will be brightened around the V. L. Perry home. Their daughter Shirley will be home for seasonal festivities. She is attending Massey Business College, Atlanta, Georgia.

A 1963 graduate of Karns High School, Shirley likes the Southern city of Atlanta, but prefers home for the holidays. The family lives at Route 18, Hazelnut Drive, Knoxville. Her father is in Y-12's Area Five Maintenance.

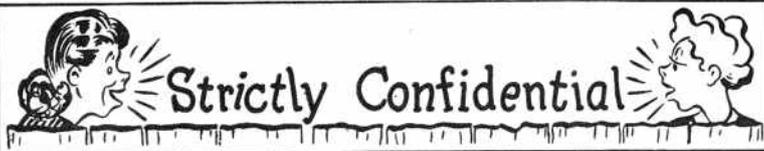
Food \$ Taking Le\$\$ Of Budget

Though he is eating better than ever before, the typical American is spending a smaller proportion of his income on food than in years. Last year the average consumer spent the equivalent of \$397 for food, as computed by the United States Department of Agriculture from Department of Commerce data. This was almost a quarter higher than the \$319 average per person for the 1947-49 period.

However, disposable personal income after taxes rose by nearly two-thirds in the same period, from an average of \$1,248 per capita for the 1947-49 period to \$2,051 in 1962. As a result, average food expenditures per person came to just over 19 cents of the disposable personal income dollar in 1962 as against nearly 26 cents in the 47-49 period. The comparable 1935-39 figure was 23 cents. (Of course, during the thirties nobody had 23 cents!)

GOOD MILEAGE, TOO

Falcons, swift birds of prey, are among the keenest-sighted of earth's creatures.



News this week begins in

CHEMICAL OPERATIONS

Best wishes to **John Reece** who underwent surgery last week in Oak Ridge . . . reports are that he is feeling better after a rough day or two.

Down in 9206 it's told that **M. E. Kerney** is on vacation . . . hunting . . . **Beecher Morrow** stayed at home with the kids . . . **Coreen McDaniel** is having a pleasant two weeks, too.

Best wishes to **Morris Denny**, ill at home.

R. D. Beasley spent the long week-end in Chattanooga . . . **Jeanette McCowan** and Carl had as their Thanksgiving guests John K. Arnold . . . Dorothy and Olan Harris and the four nephews. It's understood that Carl fixed the turkey dinner as usual.

Deepest sympathy is expressed to the **Billie Ramsey** family. Her father who lived with Billie died at the age of 93 in Knoxville on November 14. He had made his home with his daughter for many years.

Herman and Judy Butler . . . as well as **Edith Duckworth** and her husband were seen in the stands during the Kentucky-Tennessee duel.

Jo Isham and **Ed** have taken their annual trek to New York . . . taking in all that culture at the opera, art museums, etc.

Eleanor Duke had as Thanksgiving guests . . . **Jean Shelton** and the twins.

If this country's people showed the same unity in everyday living as they do in times of sorrow or crises, what worlds we could gain!

FINANCE & MATERIALS

Plant Records pauses to welcome **Sarah Cantrell** into its realms.

Timekeeping reports **C. V. Terry** on vacation at home.

Others vacating the premises from Microreproduction and Engineering Services include **E. Cook** at home . . . **Francis Patton** and **Georgia Rader**.

A drive-in movie is where a guy usually turns off the motor and tries out his clutch.



W. H. 'Billy' Sherrod Jr.

What a handsome Mother's Day present the **W. H. Sherrod** (Process Maintenance) family got! Little Billy Jr. put in his appearance at 7:30 a.m. that day. There are two other Sherrod small ones at home . . . **Janice Yvonne** and **Kimberly Dale**. Mrs. Sherrod is the former Dorothy Ellen Kinder. The Sherrods live in Knoxville.



Scott Shannon Patrick **Arville Patrick**, Electrical, is showing off the handsome picture of "Son Number One," **Scott Shannon Patrick**. **Jean**, the mama, is formerly of Wage Standards. Mr. "All-America of 1983" was born on November 14 . . . and his photo made four days later. **Scott** only weighed in at five pounds, 13 and one-half ounces. (This, then, is the 'special edition' promised **Jean** on the arrival of the happy event!)

Horsing around has made a groom out of many a good man!

INDUSTRIAL RELATIONS

Vacationing from the Fire and Guard Department are **L. F. Ellis**, **J. V. Overton** and **F. M. George**.

Benefit Plans' **Art Hines** went back to the old bluegrass section for the Thanksgiving holidays.

Teen-agers really have it rough. About the time their allowance gets big enough for them to enjoy it their parents keep them broke borrowing money all the time!

TECHNICAL



Shawna Marie Sharpe

Complete with hair ribbon and a girl's best bib-and-tuck is little **Shawna Marie Sharpe** . . . **Caroline** and **Sam Sharpe's** pretty daughter. **Caroline** was formerly in Physical Testing. Her mother, and the proud grandmother is **Rubye McCloud**, secretary to **G. A. Strasser**. Little **Shawna** was born July 12.

An epitaph in England reads: Owen Moore Has Gone Away Owning More Than He Could Pay. The stone was erected by the deceased's creditors.

MECHANICAL OPERATIONS

Beta Four's Heavy Machine Shop tells that **Richard Dew** spent the weekend watching Tennessee finally win a ball game . . . sez that if we could play Kentucky every week, we'd show 'em.

Thanksgiving Day - 1963

(Editor's Notes Below is printed the text of the Thanksgiving Day proclamation issued by President Kennedy on November 5. President Lyndon B. Johnson urged that the message be read last week as a mournful nation gathered around its bounty to offer thanks. The complete text of the proclamation follows):

Over three centuries ago our forefathers in Virginia and in Massachusetts, far from home in a lonely wilderness, set aside a time for thanksgiving. On the appointed day, they gave reverent thanks for their safety, for the health of their children, for the fertility of their fields, for the laws which bound them together and for the faith which united them under their God.

So, too, when the colonies achieved their independence, our first President in the first year of his first administration proclaimed November 26, 1879, as a "day of public thanksgiving and prayer to be observed by acknowledging with grateful hearts the many signal favors of almighty God" and called upon the people of the new republic to "beseech Him to pardon our national and other transgressions, to promote the knowledge and practice of true religion and virtue and generally to grant unto all mankind such a degree of temporal prosperity as He alone knows to be best."

And so too in the midst of America's tragic Civil War, President Lincoln proclaimed the last Thursday of November, 1863, as a day to renew our gratitude for America's "fruitful fields" for our "national strength and vigor" and for our "singular deliverance and blessings."

Much time has passed since the first colonists came to rocky shores and dark forests of an unknown continent, much time since President Washington led a young people into the experience of nationhood, much time since President Lincoln saw the American nation through the order of fraternal war and in these years our population, our plenty and our power have all grown apace. Today we are a nation of nearly 200 million souls, stretching from coast to coast, on into the Pacific and north toward the Arctic, a nation enjoying the fruits of an ever-expanding agriculture and industry and achieving standards of living unknown in previous history. We give our humble thanks for this.

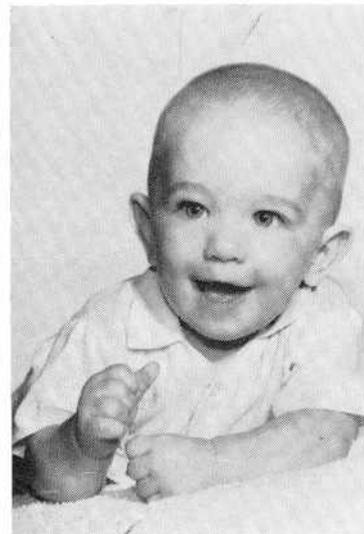
Yet, as our power has grown, so has our evil. Today we give our thanks, most of all, for the ideals of honor and faith we inherit from our forefathers — for the decency of purpose, steadfastness of resolve and strength of will, for the courage and humility, which they possessed and which we must seek every day to emulate. As we express our gratitude, we must never forget that the highest appreciation is not to utter words but to live by them.

Let us therefore proclaim our gratitude to Providence for manifold blessings — let us be humbly thankful for inherited ideals — and let us resolve to share those blessings and those ideals with our fellow human beings throughout the world.

Now, therefore, I, John F. Kennedy, President of the United States, in consonance with the joint resolution of Congress approved December 26, 1941, 55 Statute 862, 5 U.S.C. 87 B, designating the fourth Thursday of November in each year as Thanksgiving Day do hereby proclaim Thursday, November 28, 1963, as a day of national thanksgiving.

On that day let us gather in sanctuaries dedicated to worship and in homes blessed by family affection to express our gratitude for the glorious gifts of God, and let us earnestly and humbly pray that He will continue to guide and sustain us in the great unfinished tasks of achieving peace, justice and understanding among all men and all nations and of ending misery and suffering wherever they exist.

(Thus, a nation bowed with grief, yet still conscious of the nobility of its purpose, observed Thanksgiving Day, 1963.)



How about me?

And speaking of Crouches, how about me? asks little **Glenn Evans Crouch** . . . nine months old son of **C. C. Crouch**, Beta Four

Tool Grinding reports **Henry Clear** in the Hospital . . . best wishes to him for a speedy recovery. It is also told that Mrs. **L. A. Taylor** is much improved at

home now after a stay in Oak Ridge Hospital.

Spending the long Thanksgiving week-end in St. Louie, Louie, were **H. E. Alvey** and his family.

Oak Ridge Hospital looked like all the men from the shop were nervously pacing the floors last week. **J. A. Huckabey**, **H. C. Crouch**, and **R. L. Smith** were all in the halls at the same time, and all three had sons. The Huckabey son is **Jeffrey Allen**, born November 14, weighing seven pounds and 10 ounces. **H. C. Crouch** announced his son on November 16, at 9:15 a.m., weighing eight pounds, 15 ounces, and was named **Harold Ray**. **Smith** was transferred to Beta Two and the girl reporter in Beta Four says all she got from him was a cigar.

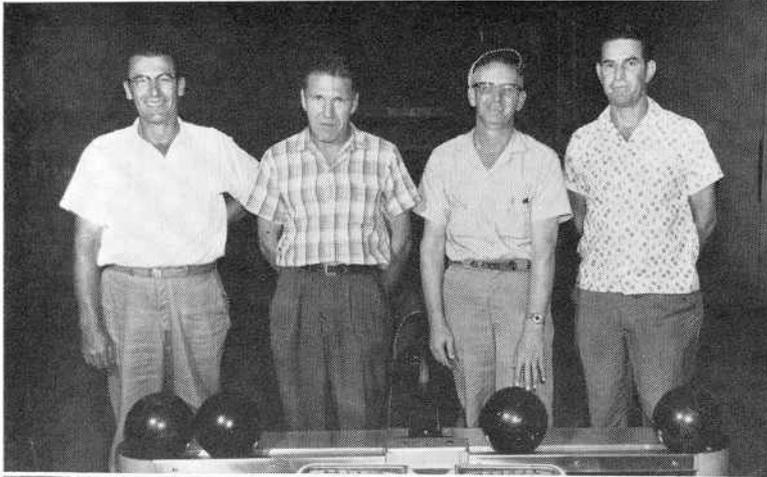
Let's go home!

AH, TO BE IN ENGLAND

Triplets in England receive the equivalent of \$8.40 each from the Queen.

There's a great difference between good, sound reasons and reasons that sound good.

6-11713



TWO EXCELLENT TEAMS are selected at random from Y-12 E Bowling League... and day-light bowlers who cast the heavy balls on Thursdays. At the top are the 10 Pins, consisting of G. G. Norton, Claude Reynolds, Captain J. R. Murph and Howard Garrison. At the bottom are the Cannonballs, featuring Jessie Massengill, William R. Burrell, E. C. Hightower, and R. B. Ellison.

Foursquares Keep E Loop Lead By Bowling Over Cannon Balls

The Foursquares kept their lead last week in the E League for Y-12 bowlers by taking the Cannonballs for three points. Second-placed Ten Pins also won a three pointer from the Pinquins. The Alley Bees took the Pintwisters for the full count of four.

N. Kuneman, Foursquares, practically swept the board in individual highs, rolling singles of 213 scratch and 250 handicap. His 668 series handicap was high also. Leon Hensley, Alley Bees, took high scratch series with a 530.

The Foursquares rolled high singles, 720 scratch and 843 handicap. Their 1973 scratch series was high also. Their opponents, the Cannon Balls, rolled high series handicap of the week with a 2417.

League standings follows:

Team	W	L
Foursquares	28	3
Ten Pins	25	11
Alley Bees	16	20
Cannon Balls	15	21
Pinquins	12	24
Pintwisters	12	24

Why Women Live Longer Than Men

Why do women live longer than men? Researchers have come up with at least a few answers. First modern medicine has made its greatest strides in almost eliminating maternal deaths in child-birth. Progress has been much slower in degenerative diseases of the heart, kidney and arteries... and women seem to have a greater built-in resistance to many of these diseases.

The pressures of civilization appear to be having greater impact on the health of men than women. Women's life habits involve less exposure to major health risks. And also studies show that women are more likely to stay away from work with minor illnesses, thus protecting their health, than men.

Rusty Five Early Bush Bowling Lead

Hi Balls' Febbo Rolls High Singles

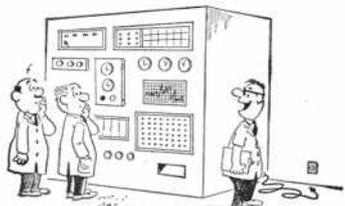
The Rusty Five moved into a one-point lead in the Bush League for Y-12 bowlers last week. They trimmed the Beavers for three points. Other similar victories went to the Hi Balls over the Rollmasters, the Turtles over the Dry Hides, the Seven Sixties over the Outcasts, and the '66' Raiders over the Rollniks.

Paul Febbo, Hi Balls, took high singles, rolling a 220 scratch. 257 handicap game. Clyde Craven, Rusty Five, took series highs in scratch posting 545, while Febbo returned to the boards for high handicap series of 637.

The team honors went in every direction... as the Rollmasters took scratch singles with 835; '66' Raiders took handicap singles with 1022; the Rusty Five rolled high scratch series with 2400; and the Turtles took series handicap highs with 2910.

Team standings follow:

Team	W	L
Rusty Five	9	3
Hi Balls	8	4
Dry Hides	7	5
Turtles	7	5
Outcasts	6	6
Rollmasters	6	6
Seven Sixties	6	6
'66' Raiders	6	6
Beavers	3	9
Rollniks	2	10



"I think I've spotted the trouble!"

C League's Top Team Holds Ground

Strikers' Fincher Hits Single Stride

Top dogs in the C League for Y-12 bowlers held their own last week. First place Rounders split two points with the Big Five, second placers in the pennant race. The only four point win came as the Rodders struck down the Lucky Strikes. Three pointers went to the Sunflowers over the Hi Lifers, the Shud-A-Beens over the Screwballs, the Strikers over the Five Roses, and the Hookers over the Parbusters.

J. B. Fincher, Strikers, took singles honors, rolling a 240 scratch, 268 handicap game. Series tops were split between Arnold Tiller, Rounders, who took a 572 scratch score; and H. A. Lay, Shud-A-Beens, with a 653 handicap series.

The Strikers tied with the Rounders for high scratch singles, each with 908. The Strikers took handicap singles with 1044. The Rounders rolled high scratch series in the order of 2595; while the Big Five took series handicaps with 2945.

League standings follow:

Team	W	L
Rounders	38	10
Big Five	35	13
Sunflowers	32	16
Shud-A-Beens	27	21
Hi Lifers	25	23
Parbusters	23	25
Strikers	23	25
Hookers	21	27
Five Roses	20	28
Lucky Strikes	18	30
Rodders	14	34
Screwballs	12	36

Pistol League Nears End Of Season

Three more matches remain in the current Y-12 22 Calibre Pistol League. The new season will commence January 3, 1964, and the league is looking for new members. All Nuclear Division employees, both engineers and experts, are welcomed in the competition.

Shootings will be held on Thursdays at 7:30 p.m. at the Anderson County Gun Club, Clinton.

Awards will be given on scratch scores and handicap scorings for the benefit of new and experienced shooters.

November 21 results:

Firer	Scratch	H'cap Score
E. W. Bailey	259	285.685
W. A. Gregor	133	284.268
L. Shular	224	285.094
W. A. Less	230	289.935
R. Matheny	249	286.648
G. W. Martin	248	281.790
T. E. Hudson	194	289.704
D. R. Alford	269	283.429
T. Swindell	243	280.034

Fires Hit Heavily In USA Structures

Approximately 562,000 private dwellings in the United States were hit by fire in 1962 with losses to home-owners of \$339,000,000. Each day, on the average, the cost of home fires in this country is almost 18 lives, 1,540 houses destroyed or damaged and over \$928,000 in money.

Principal causes of building fires, according to the National Fire Protection Association, were careless use of smoking materials, electrical defects, defective and misused heating and cooking equipment, mishandled flammable liquids, and rubbish.



THE RAINBOW TROUT is one of the sportsmen's most sought after game fish... and here's a nice one. It was pulled from below the new Melton Hill Dam by H. Y. Rollen, Uranium Machining. Rollen entered this one in the Annual Fishing Rodeo among Y-12 fishermen... says he caught one larger than this, but ate it before he knew it was a rainbow!

1963's Fishing Rodeo Almost Over... Get Entries In Now!

As the end of the year approaches, Isaac Waltons in Y-12 are reminded of the Annual Fishing Rodeo now still in the making. The contest closes at midnight, December 31, and entries may be filed up until January 15.

Fresh water species include in the contest largemouth and smallmouth bass, striped bass, walleyed pike, sauger pike, crappie, blue gill or bream, rough fish (cat, drum or carp) and rainbow trout.

Entries in the annual contest require a photograph of the fish and fisherman, plus an affidavit by a dock operator or other reliable source.

Fish must be caught within the

continental United States and no salt water fish is eligible. The rainbow trout must be caught in Tennessee or in the waters of the Great Smoky Mountains.

Entries in each species of eligible fish will be qualified for prizes provided all contest rules are followed. The number of awards for each species will be governed by the number of entries. In other words, one prize will be offered for each three entries, not to exceed more than four prizes per species.

Fish not entered seldom take any prizes, so get those entry forms from the Recreation Office, Room 149, Building 9704-2. Or just call 7109, and some can be mailed. Time is getting short!

HAPPY HOLIDAY SEASON

Y-12 ANNUAL

Christmas DANCE

Featuring

O.J. BAILEY'S ORCHESTRA

DEC. 6 1963

OAK TERRACE BALLROOM

9:00 P.M. to 1:00 A.M.

ADMISSION \$1.50 per Person TAX INC.

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

UNION CARBIDE
NUCLEAR COMPANY



Post Office Box Y
Oak Ridge, Tennessee—37831

RETURN POSTAGE GUARANTEED

POSTMASTER: DO NOT FORWARD. IF ADDRESSEE HAS MOVED, RETURN TO SENDER IMMEDIATELY.



As the final month of the year rounds the corner, many more Y-12ers round out anniversary dates with Union Carbide Corporation. Congratulations to the following 20 and 10-year veterans.

20 YEARS

Thelma I. Knisley, Production Assay, December 6.

Bert A. Clark, Process Maintenance, December 6.

Vertner H. Culberson, Assembly Operations, December 6.

Reginald S. Ware, Project Engineering, December 6.

10 YEARS

Tanya D. Thompson, Production Assay, November 27.

James F. May, Steam Plant, November 27.

Clarence M. Armstrong, Research Services, November 27.

James O. Overton, Beta Four Heavy Machine Shop, November 27.

Alvin L. Austin, Process Maintenance, November 30.

Clyde F. Brewer, Area Five Maintenance, November 30.

Roy E. Melton, Buildings, Grounds and Maintenance Shops, November 30.

Charles G. Wilson, Steam Plant, November 30.

Alonzo A. Hinton, Beta Two, November 30.

Owen C. Willard, Special Production Control, November 30.

William V. Yaden, Research Services, November 30.

Margel L. Crawford, Machine & Maintenance, November 30.

Donald E. Blackburn, Secondary Quality Control, November 30.

Charles A. Sparks, Dimensional Inspection, November 30.

Clemon H. Radford, Dimensional Inspection, November 30.

Sam F. Russell, Secondary Quality Control, November 30.

Edward E. Hickman, Special Production Control, November 30.

Alton C. Newman, Research Services, December 1.

Horace Ramsey, Dimensional Inspection, December 1.

William H. Haddix, Area Five Maintenance, December 2.

Albert T. Bradford, Special Mechanical Production, December 2.

Charles R. Posey, Dimensional Inspection, December 7.

William A. Smith, Electrical, December 7.

Spencer A. McSpadden, Research Services, December 7.

Thomas J. Messer, Electrical, December 7.

Chester H. Edwards, Uranium Machining, December 8.

Karl J. Scholz, Secondary Quality Control, December 10.



Edward B. Mason

Southern Bell Exec To Speak To IEEE

Will Discuss Defense Communications

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will meet Thursday, December 12, in the Ridge Recreation Hall, Oak Ridge. The meeting is set to begin at 7:30 p.m.

Featured speaker will be Edward B. Mason, Oak Ridge manager of Southern Bell Telephone Company. He will speak on "Communications and National Defense." A graduate of Oak Ridge High School, Mason is a veteran of the United States Air Force where he specialized in radar and electronics. He also graduated from the Tennessee Polytechnic Institute. He went to Southern Bell in 1959, and has worked in several management positions in Nashville, Knoxville, and Maryville before being transferred to Oak Ridge in August of this year.

By means of slides and discussion the speaker will outline the entire air defense system of the North American continent. Pictures of descriptions of the Distant Early Warning Line (DEW), Ballistic Missile Early Warning System (BMEWS), and the Direction Center in Colorado Springs that keeps constant tab on all airborne aircraft and man-made objects in orbit around the earth will be shown.

One of the highlights of the talk will be an actual telephone call to the North American Air Defense Command (NORAD) at Colorado Springs. Here the audience will be briefed as to what is NORAD, what the defense pictures has been the past 24 hours and the major problems in defending the continent. The call will be amplified through loud speakers so that the audience will be able to hear both sides of the conversation.

All members and guests will be welcome at the IEEE meeting.

Bath mats are little dry rugs that children like to stand beside.

Holidays Bring Extra Hazards To Everyone

Decorations, Traffic Weather Are Concerns

The approaching holiday can be easily spoiled by an accident brought on by the special trimmings of this special time of the year. A few safeguards can prevent the season from being a tragedy.

In selecting a Christmas tree, don't buy a dried-out one. Bring it in the house just before Christmas and remove soon after the holidays are over. Keep the tree in water. Support it well. Have a plan for removing it in case of fire. Metal trees are not a fire hazard but may be a shock hazard, so use only indirect lighting with them. If lighting strings are placed on a metal tree, it may become "charged" and dangerous.

Use Approved Lighting

Use only electric lighting that bears the Underwriters' Laboratory (UL) label. Check for frayed wires, broken sockets, loose connections. Don't leave the lights on when you leave the house or go to bed.

Watch gift trimmings and wrappings. Remove them from the house as soon as possible unless they are of a noncombustible material.

Never smoke near the Christmas tree, decorations or wrappings. Use flameproof materials when possible on any decorations.

In case of fire have extinguisher handy near the tree. Get everyone out of the house if fire starts, and call the fire department. Then use the extinguisher.

If you are planning a trip, plan considerable time allowing for weather and traffic. If you feel drowsy, stop for a break. Take it easy on snow and ice. Don't drink and drive. Drinking is a factor in more than half of all Christmas accidents. Watch out for that other driver, too. Other drivers may not be as careful as you. Make allowances for their actions.

In and around the home, keep your porch, steps and walks clear of snow and ice. If you climb around decorating, make sure someone else holds the ladder. When re-arranging the living

UCC To Sell Distillation Design

Continued from Page 1
additional distillation columns. In the case of new installations, capital investments may be reduced significantly by using the Union Carbide columns because they are smaller in diameter and lower in overall height, as a result of closer tray spacing, than columns of conventional design. In addition, operating costs may be less where high tray efficiency and low pressure drop are important factors.

Unique Guarantee

Marketing of the new trays and columns will involve bilateral secrecy agreements to protect customers against unauthorized disclosure of process information revealed to Union Carbide design engineers and, at the same time, to safeguard Union Carbide's proprietary design features. The corporation's confidence in the new tray technology is underscored by its plan to offer a unique performance guarantee to both capacity and tray efficiency.

Union Carbide plans to step up its marketing of other processing equipment, such as cryobiological apparatus, low-temperature gas-processing systems, and adsorption processing systems — including its IsoSiv process currently being used in the manufacture of biodegradable detergent chemicals.

Loyalty Is Not A Sometimes Thing

"If you work for a man, in heaven's name work for him! If he pays you wages that supply you your bread and butter, work for him — speak well of him, think well of him, stand by him and stand by the institution he represents." Elbert Hubbard, "Get Out or Get in Line."

room for the tree and other decorations, provide a clear passage between rooms and exits.

Another don't should be added. Don't forget to enjoy the holidays!

ASTME Will Meet At Deane Hill

The Knoxville-Oak Ridge chapter of the American Society of Tool and Manufacturing Engineers will meet tomorrow, Thursday, December 5. The regular December meeting will be held at Deane Hill Country Club, Knoxville. The meeting will begin with dinner, which is optional, at 7 p.m., and with the technical session beginning at 8 p.m.

Speaker for the meeting will be Ragnar L. Carlstedt, internationally known machine tool designer. He is senior project engineer with Kennametal, Inc., Latrobe, Pennsylvania. Born in Sweden, he attended the Royal Institute of Technology, and is a graduate of Technical University, Berlin, Germany.

His talk will deal with the laboratory studies in problems of accuracy, rigidity, and durability of metal working machine tools, embracing the subject "Chatter and Vibration in Machining." A 'coffee speaker' will also be a part of the program.

All members and their guests are urged to be present. Dinner reservations may be made through M. Shemanski, extension 7-8301, or home telephone Oak Ridge 483-0198.

Share The Ride

Will join car pool from Cumberland Estates, Norwood Section, Knoxville, to West or Central Portal, C Shift. George Howell, plant phone 7-8669, home phone Knoxville 588-7195.

Ride wanted from Beacon Hall, Central Avenue, to North Portal, straight day. Elizabeth Wilson, plant phone 7103, home phone Oak Ridge 482-1948.

Ride wanted from 104 Pleasant Road, Oak Ridge, to either Central or North Portal, straight day. Peggy Silver, plant phone 7-8522, home phone Oak Ridge 483-9574.

Application For Tickets TO Christmas Parties

FOR CHILDREN OF CARBIDE EMPLOYEES

(Ages Two-10 Only)

MONDAY, DECEMBER 23

Employee's Name _____ Badge No. _____

Home Address _____

(PLEASE PRINT—STREET ADDRESS OR R.F.D., CITY)

NUMBER OF TICKETS (Children) _____

NUMBER OF TICKETS (Adult) _____

— CHECK TIME PREFERRED —

Monday, December 23 9 A.M. _____ 11 A.M. _____

Only 1 P.M. _____ 3 P.M. _____ 5 P.M. _____

Please check first and second choice (write in space "1" or "2") as only a limited number of tickets will be issued for each party. Preference will be given early applicants and if tickets for first choice are exhausted, tickets for second choice will be issued.

Return this form, properly and completely filled in, immediately to the Y-12 Recreation Office, Room 149, Bldg. 9704-2, NOT LATER than December 17. The required number of tickets will then be mailed to parents at their HOME ADDRESS.