

22 Handsome Items Make Up List Of 1964 Safety Awards

6-12431



John L. Hutton

Hard-Earned Degree Goes To John Hutton

Eight Years Night School Pays Off!

Y-12 takes off its collective hat to John L. Hutton, Property Accounting Department supervisor!

On Thursday, December 17, John took his hard-earned BS degree in Business Administration from the University of Tennessee. There's nothing much unusual about that, but he did it the hard way . . . 100 per cent through night school! It was back in 1956 that Hutton began the arduous task toward December's date, shortly after he transferred to Y-12 from Oak Ridge National Laboratory.

Cost Is Low

"Now \$2,500 dollars less and eight years later, I have my degree," John smiled last week. "The money sounds like a lot . . . and it is . . . but Union Carbide matched my outlay penny for penny . . . that makes it only \$1,250. Spread over eight years, that comes out to about \$174 a year . . . or roughly about \$16 a month. That's not much to pay for an education!" He was, of course, referring to the Educational Assistance Plan, where tuition and text-book costs are shared by the company.

There is no end to this success story either. Hutton finished first in the business class with an overall average of 3.72 from a possible 4.0.

Hutton came to Union Carbide June 2, 1948 at ORNL. He transferred to Y-12 on May 9, 1955. Then came the long pull.

With help from his wife, the

Continued on Page 6

Selection Cards To Be Given Out Later This Week

Folks who have been wondering whatever became of safety awards can put their minds at ease now.

Selection of the new handsome awards will be made any day now . . . as the Safety Department readies the distribution of the awards card. A total of 22 handsome articles, all useful to both female and male employees have been selected as 1964's safety bonuses . . . a cumulative award for the four periods garnered in late 1963 and all of 64.

These are for the 34th period from May 1, 1963 through February 1, 1964 . . . for a total of 8,814,026 man-hours; for the 35th period, from February 3, 1964 through May 14, 1964 for a total of 3,456,000 man-hours; the 36th, from May 16, 1964 through July 22, 1964 for 2,128,396; for the 37th safe period, from July 24, through September 14, 1964 for 1,674,333. Thus a cumulated 16,072,755 man-hours has been marked without a lost-time injury.

8 Lost-Time Accidents

While the man-hour count looks good from this vantage point, it must be pointed out that eight lost-time accidents marred the safety picture for Y-12 during the just past year.

The narrowing-down of the 22 beautiful gifts was accomplished by representatives from every division in the plant. The accompanying photograph shows in detail the awards all in one heap. (Run the pictures early everyone says. The 'little woman' always selects what I'm getting anyway.) O. K., Little Woman, here they are:

1. Fire Extinguisher with extra cylinder. (Ansul)
2. Skil Saw
3. Electric Griddle
4. Electric Slicing Knife
5. Deluxe Toast-R-Oven
6. Automatic Blanket, Dual Control.
7. Stainless Steel Buffet Style Multi-Cooker Frypan.
8. Luggage — Two-Suiter, Charcoal.
9. Twin Brush All Purpose Rug Cleaner and Floor Conditioner.
10. 9-Transistor AM, FM Portable Radio.
11. Clock Radio, AM.
12. All-Purpose Mixer.
13. Osterizer Blender.
14. Five-piece Revere Ware set.
15. Five-piece Corning Ware set.
16. Four-Quart Electric Ice Cream Freezer.
17. 8 x 50 Binoculars.
18. Spinning Reel (Mitchell) and Rod.
19. Hair Dryer and Hat Box.
20. Camp Stove and Stand.
21. Card table with two folding chairs.*

*The Safety Department says you can purchase the other two chairs at a nominal price. The stock is "open."

Samples of each of the 22 awards will be on display at the

* * * 6-12429 * * *



AND HERE THEY ARE . . . the glamorous 22. Arranged above the the special safety awards which Y-12ers accumulated during 1964 . . . four periods, amassing 8,814,026 man-hours worked without a lost-time accident. Selection cards will be in employees' hands shortly.

portals . . . and at the Cafeteria showcase. Thus, the 'little woman' may view the items in person in the next few days at the portals.

Valued At \$19 Plus

The earned value of the curauled safety hours is \$19 . . . but since all of the above 22 items are of well-known "name-brands" anyone in his right mind knows you cannot purchase many of these items for any 19 bucks. Through mass-buying, employees can be awarded above the usual monetary value of the periods worked without a lost-time injury.

It was in July, 1963, that management decided to stop period-by-period safety awards, and allow Y-12ers to accumulate their no-lost-time records on an annual basis. The plant was well within the 34th accident-free time at that time.

Proud Safety Record

The plant's safety record continues to be a matter of pride to all employees . . . but there is much to be accomplished in improving the record. One lost-time accident in a year is one too many . . . and 1964 brought eight. Some of these brought permanent disability to employees.

It is through individual effort that safety consciousness is best maintained. Therefore, the job of a safe plant remains yours and mine.

Do your job well . . . and do it safely. The two words are synonymous!

WORLD'S OPINION

At the age of 20, we don't care what the world thinks of us; at 30 we worry about what it thinks of us; at 40, however, we discover that it wasn't even thinking of us at all.

Kinzel Named Head Of New Academy

Dr. Augustus B. Kinzel, vice president — research, Union Carbide Corporation, has been named the first president of the newly formed National Academy of Engineering.

The new academy will share in the responsibility given to the National Academy of Science to advise the federal government, upon request, in all areas of science and engineering. A primary objective of the National Academy of Engineering is "to provide means of assessing the constantly changing needs of the nation and the technical resources that can and should be applied to them; to sponsor programs aimed at meeting these needs; and to encourage engineering research.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated 33 Days Or 947,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through January 3 Phone 7755 For Daily Report On Accident-Free Hours

The Bulletin

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



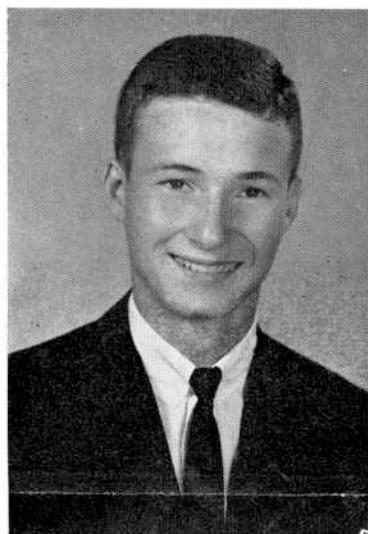
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Don Nation Awarded Wesleyan Scholarship

Student Leader
At Oak Ridge



Don Nation

The W. C. Nation family has just been notified by Tennessee Wesleyan College, Athens, that their son Don has been awarded a scholarship there. Don is a senior at Oak Ridge High School.

A 121-student competition, based on scholastic abilities, decided the scholarships, and young Nation placed second in the tests. He is vice president of the Key Club, chairman of the permanent concessions committee, and, of course, an honor student.

He plans to study history at the Athens college.

The Nations have one other son, Bill, a junior attending the University of Tennessee. Their home is at 504 Robertsville Road, Oak Ridge.

W. C. Nation is in Y-12's Technical Reports Department.

ACS Meet Set Next Tuesday

A joint meeting for the East Tennessee Section of the American Chemical Society and the East Tennessee Analytical Group is set. It is next Tuesday, January 12, at 8 p.m. at the Alexander Motor Inn, Oak Ridge.

Featured speaker will be Sidney Siggia, director, Analytical Services, Olin Research Center, New Haven, Connecticut. His subject will be "Application of Differential Reaction Kinetics to the Analysis of Mixtures."

Dinner, which is optional, will be at 6:30 p.m. Reservations should be made through R. L. Farrar, extension 3-8439 by Monday noon, January 11.

More than a million Earths could be contained in our sun.



In one of the year-ending programs, a commentator stated that one of England's most lucrative exports during 1964 was a group of long-haired youngsters called the Beatles. What the commentator failed to add was that it was this same country that exported the bubonic plague some 400 years ago that practically decimated the population of Europe.

Many holiday activities still remain in Y-12 to be reported. Let's begin in . . .

SHIFT SUPERINTENDENT AND UTILITIES

Holiday vacationers included J. L. DeMonbrun making a quick trip to Louisville, Kentucky . . . Lonnie Ellison took a long three-weeker . . . Don Bell vacationed at his Oak Ridge home, entertaining the boys.

Bob Schabot and Finley Creigh also vacationed during the holidays.

D. H. Rader took off with the misses and boys for a sunny vacation in Florida.

From D Group it was learned that J. D. Tolliver went to Williamsburg, Kentucky, to visit his father.

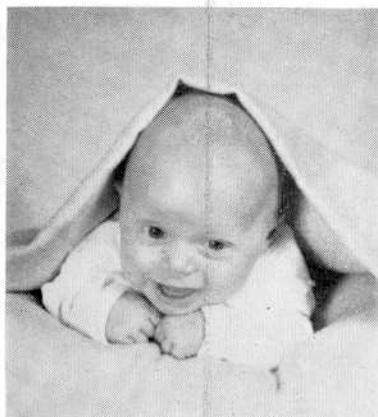
John McCall says he was going to try the ski slide at Gatlinburg if there was any snow . . . Jess Thomas visited his parents in Ellijay, Georgia . . . O. Jordan vacationed around home . . . and Ken Caughorn visited relatives near Cosby.

R. G. Hurst has done it again . . . He took his wife out for a big dinner . . . on their 14th anniversary.

J. H. Potter vacationed around middle Tennessee.

pened if television had come along before the cowboy?

FABRICATION



Charles Todd Walker

C. E. Walker, General Machine Shop, presents a little youngster . . . Charles Todd . . . age three months. Little Charlie has a brother six years, six hours older than he.

Beta Four sure had its share of gadabouts during the past holidays . . . W. B. Redmon, R. E. Liles, J. W. Van Bever, J. L. Henry, L. R. Benker, R. N. Evans, M. G. Vance, G. E. Carden, C. F. Butler, C. C. Crouch, T. S. Swindle, W. A. Martin and Bill Sahr all took off in 17 different directions.

J. M. Nevils finished up his vacation on a bird hunt . . . Jo Walpool took her last vacation days recuperating from Christmas.

E. B. Dyer and Tom Coleman also took Holly Day vacations.

One of the mighty hunters, known as "Truthful" Loope, on his famous deer hunt, saw a very unusual squirrel. According to Loope, it had a white face and was about as big around as a beagle and about 21.786" long. (Leave it to a machinist to go to decimals!) Anyway, we don't doubt his seeing such a queer animal, but what surprises us is him getting back alive, because squirrels do eat nuts!

(The above came in from A Nonny Mouse)



Randy Wade Perry

Presenting Randy Wade Perry, four months old grandson of L. L. Kilgore Sr., Steamplant. Parents are Fred and Reba Perry, Oliver Springs.

Wonder what would have hap-



Katy Kutkost
SEZ:

It's beside the point . . . Whether LBJ was interested in VOTES or DOLLARS when he turned off the White House lights at night . . . the IDEA is GOOD.

Larry Koontz, Electrical Engineering, claims Y-12 can cut the annual electric bill \$140,000 by switching off some lights during off-hours.

Give him a call and he'll tell you how it can best be done in your area.



Betty Fay Hundley

On December 6, this past year, the George and Betty Hundleys got a Christmas present early . . . this little girl, Betty Fay Hundley. Born at East Tennessee Baptist Hospital, Betty has two sisters and five brothers already at home!

Continued on Page 6



PINTUR—FOWLER

Two Y-12 families were united in the December 12 wedding of Miss Sandra Victoria Fowler to Mr. Stephen Michael Pintur Jr. The marriage was performed at 11 a.m., Saturday, December 12, at the Glenwood Baptist Church, Oak Ridge. Reverend Victor Watt officiated.

The bride is the daughter of Mr. and Mrs. W. J. Fowler, 116 Anna Road, Oak Ridge. Her father is in Y-12's General Metal Fabrication Shop. The groom is the son of Mrs. Powell Pintur, Huntington, Tennessee, and Mr. Stephen M. Pintur Sr., Waddell Circle, Oak Ridge. The father of the groom is in Y-12's Machine Maintenance.

Given in marriage by her father, the bride wore a traditional white satin gown. Her lace veil was held by a tiara of tulle rose petals and seed pearls. She carried gown-white orchids and white roses.

Mrs. William Askew, Oak Ridge, was matron of honor. Other attendants for the bride included Miss Kay Anderson, Knoxville, Miss Eva Shadden, Athens, and Elizabeth Ann Woodward, Oak Ridge. Ringbearer was Richard Eugene Woodward.

Bernard Jessie, Atlanta, Georgia, served as the groom's best man . . . and ushers were Wendell Parker and Ronnie Hayes, both of Oak Ridge.

A small reception honoring the members of the wedding was held at the bride's home after the marriage.

The bride is a 1964 graduate of Oak Ridge High School, and recently completed a business course at the National Business College, Knoxville. The groom is a 1963 graduate of Oak Ridge High School, and is attending Falls College, Atlanta, where he is employed with the Armour Agriculture and Chemical Company.



Mr. and Mrs. Stephen Michael Pintur Jr.



Mrs. Robert Winton Presley

the bride, was flower girl. She was dressed in the same motif as the bride's attendants.

The groom's father served as his son's best man. Ushers were J. D. Winegar, Cookeville, and Marshall Thurman and David Southern, Oak Ridge. Master David Presley, brother of the groom, served as ring bearer.

Mrs. Harry E. Carper, organist and Mrs. Luther Agee, vocalist, provided the nuptial music which included "Because," "The Song of Ruth," and "The Lord's Prayer." A reception honored the couple at the church immediately following the reading of the vows.

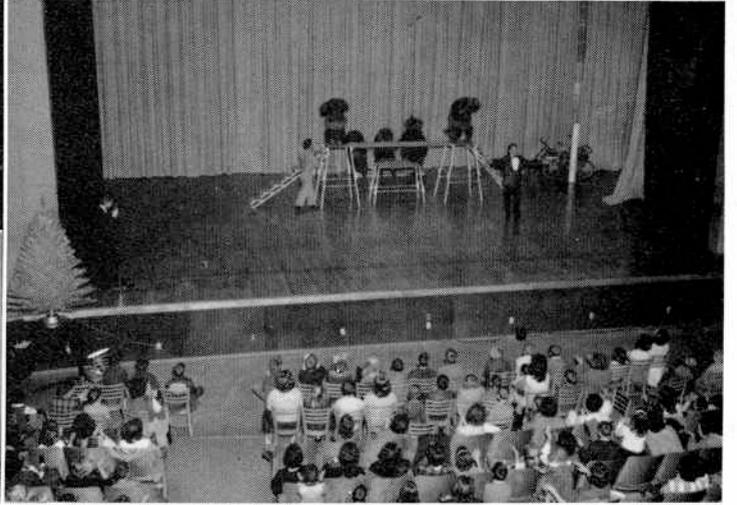
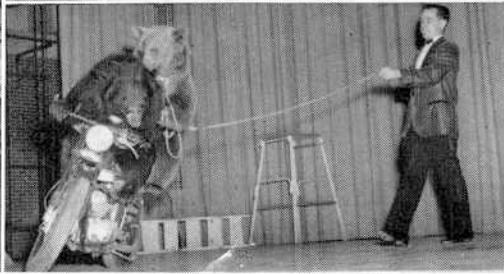
For travel the bride wore a light blue mohair suit with navy accessories and an orchid from her bridal bouquet.

After a wedding trip, the couple is at home at 240 North Purdue Avenue, Oak Ridge.

Recreation Office Moves To Room 108

The Recreation Office, which has moved almost as many times as The Bulletin headquarters, has done it again. Moving from Room 165, to new quarters in Room 108, Recreation says 'come and see us.'

The new suite is across the aisle from the conference rooms in the northeast wing of Building 9704-2, first floor.



SOME 7,000 HAPPY CARBIDE KIDS crowded into the Oak Ridge High School auditorium Wednesday, December 23. That was the appointed time for the five parties scheduled for children of employees. Paul Blakely, Oak

Ridge National Laboratory, emceed the program, which included singing carols, a big bear act (really trained, too), and a surprise appearance by the old gentleman himself. The bears skated, walked on their hind legs,

rode bicycles, climbed steps for the spellbound children. Folks at the 11 a.m. party got a special treat when one of the bruins broke loose and came into the audience.

Health Physics Group Sets Annual Meet, January 16

A successful year of activities by the East Tennessee Chapter of the Health Physics Society will be climaxed by the annual meeting Saturday week, January 16, at the Oak Ridge Holiday Inn. Festivities begin at 6:30 p.m., with dinner at 7.

Installation of new officers will be the main business item. President R. J. Cloutier, Oak Ridge Institute of Nuclear Studies, is succeeded by G. F. Stone, Tennessee Valley Authority. N. B. Schultz, K-25, assumes the office of president elect, and J. W. Brown Jr., Oak Ridge National Laboratory, replaces him as secretary. G. S. Hill, ORNL, is elected to the board of directors to fill the vacancy of the expired term of Eddie Roberts, Y-12. Treasurer C. H. Miller, ORNL, and Board Members D. M. Davis, ORNL, and R. L. Clark, ORNL, continue unexpired terms in their office.

John W. Landry, development engineer with the Chemical Technology Division, ORNL, will speak to the chapter. His program will cover some possible industrial uses of nuclear explosives behind "Project Plowshare," the research and development program toward the scientific and industrial application of nuclear explosives. Progress in the technology for using nuclear explosive to excavate harbors, canals, railroad passes, stripping overburden and crushing ore, producing earthslide dams, and many other applications in addition to some of the Health Physics problems associated with radioactivity from the blasts make an enlightening and enjoyable program.

Landry came to Oak Ridge in 1944 after graduating from the University of Wisconsin School of Chemical Engineering. He participated in the first underground tests at the AEC Nevada Test Site in 1956. He was there again in 1957 and 1958 and at the Carls-



John W. Landry

bad, New Mexico Test Site in 1960. His talk will present some of the challenge mankind has for the peaceful uses of nuclear explosives.

Tickets for the annual meeting and dance which follows, with music by the Doc Wilson Combo, are available from representatives in all three plants or may be purchased from R. J. Cloutier, Oak Ridge.

Badge Exchange Goes Til Next Wednesday

Y-12ers have until next Wednesday, January 13, to pick up their new badges in the current quarterly exchanges. After 11 p.m. January 13, no old yellow-bordered badges will be honored at the portals.

Get your badge exchanged before then!

Union Carbide Gives Plans For Taft Plant

Peracetic Acid Complex To Be Constructed

Union Carbide Corporation will build a large peracetic acid complex, according to a recent announcement from Birny Mason Jr., president. Construction is expected to begin following the establishment of a foreign trade sub-zone adjacent to the company's Taft, Louisiana plant site. The complex will have a peracetic acid capacity of 120 million pounds per year plus facilities for producing approximately 200 million pounds per year of derivatives, including 50 million pounds of caprolactam.

Plans for the Taft plant were first announced by Union Carbide in July. At that time the company said it would build on a 1,300-acre site in Taft, St. Charles Parish, about 20 miles above New Orleans. An ethylene unit to supply internal requirements and merchant needs in the area and an ethylene oxide unit with a capacity of over 300 million pounds per year were announced. The new peracetic complex will increase the corporation's initial investment at Taft to over 90 million dollars.

Products Breakdown

The products to be produced in the new peracetic acid complex break down into seven major groupings:

1. Epoxy plasticizers including Flexol plasticizer EPO (epoxidized soybean oil), Flexol plasticizer EP8 (epoxidized tall oil ester). In addition to direct sales of epoxy plasticizers, the company plans to offer toll conversion arrangements.
2. Unique cycloaliphatic epoxides for epoxy resins and coatings.
3. Caprolactam for sale to Nylon 6 manufacturers.
4. Caprolactone derivatives including polymeric plasticizers.
5. Textile resins for fabric finishes.
6. Intermediates and derivatives for specialty paints and industrial coatings.
7. Cyclohexylamine for synthetic sweeteners.

The peracetic acid produced will be primarily used for internal requirements.

The new facilities will be based on Union Carbide technology in which the company has strong patent positions and the company will do its own design and engineering work for the unique processes. The estimated completion date is the last quarter of 1966.

To Open New Markets

According to President Mason, the new complex offers an excellent opportunity to capitalize on technology the company has developed over the years and at the same time to open new markets.

Union Carbide has invested considerable time and money investigating the chemistry of peracetic acid and its derivatives. The technology developed has been proved out in interim commercial facilities (15 million pounds per year capacity) that have been in operation at Institute, West Virginia since 1959.

The new facilities will provide flexibility in terms of both products and processing capability. The company believes that its technology will give it a strong competitive position particularly in terms of the superior quality of products derived from peracetic acid and the company's strong patent position.



ORAN BUCK JR. signs a grant-in-aid with the University of Alabama. A friend, Donna Howard, right, looks on. Standing from left are Mrs. Buck, Coach Jack Armstrong, O. C. Buck (Shift Superintendents Division), and Jim Goostree, trainer, from Tuscaloosa, Alabama.

Young Buck Son Signs Pact With University of Alabama

The above photograph gladdened the hearts of two Y-12 families recently . . . the Oran Bucks, and the John L. Howard Jr. family.

Oran Buck Jr. was recently chosen by the University of Alabama for a grant-in-aid scholarship. Young Buck is an outstanding student at Oak Ridge High School, where he was president of the senior class, and was presented the Leadership Award by the Jaycees at their banquet. He was also selected by the American Legion to attend Boys' State at Lebanon.

Oran's girl friend, Donna How-

ard, was selected to go to Girls' State. She is secretary of the Student Council of Oak Ridge High School as well as state-wide secretary. She is an honor student and is secretary of the Penmanship Club. Both Donna and Oran attend First Baptist Church.

O. C. Buck Sr. is in Y-12's Shift Superintendents Division, and John L. Howard Jr. is in the H-1 Foundry. The Buck home is 620 West Outer Drive, and the Howards live at 120 Potomac Circle, Oak Ridge.

Trainer Jim Goostree, Tuscaloosa, Alabama, came to Oak Ridge to sign young Buck to a future Crimson Tide berth.

ASTME Meet Set At Deane Hill

The American Society of Tool and Manufacturing Engineers, Knoxville-Oak Ridge Chapter 107, will meet at Deane Hill Country Club tomorrow, Thursday, January 7, 1965.

Albert B. Albrecht, Technical Consultant, Monarch Machine Tool Company, will be the speaker. His subject, "New Concepts in Metal Turning," will cover new developments in the metal turning field as a modernization and machine tool justification. The influence of the computer and numerical control will also be discussed.

Albrecht holds an AB degree from Ohio Wesleyan and a BS degree from Ohio State University. He is a member of the American Society for Metals, the American Society of Tool and Manufacturing Engineering, and the newly formed Numerically Controlled Society.

Dinner, which is optional, will be served at 7 p.m. with the technical session beginning at 8.

All members and their guests are urged to be present for this meeting.

10,935 Union Carbide Years To Be Marked!

The anniversary column, featured weekly in the Bulletin, will mark a total of 10,935 years of Union Carbide service in 1965. There will be 192 Y-12ers with 20-year anniversaries; 345 marking 15-year dates; and 192 passing the 10-year mark.



THE NEW EVEREADY CAPTAIN is smartly packed in a gift box which can be converted into a jewelry box. The Union Carbide product has been called the most powerful light of its type and size. The flashlight batteries can be easily recharged in 16-18 hours by plugging into any 110-volt AC outlet.



A. B. Albrecht

Coast Area Subject Of Audubon Series

The third program in the 1964-65 series of Audubon Screen Tours, sponsored by the Oak Ridge Conservation Club, will be tomorrow night, Thursday, January 7 at 7:30. The screening will be held at Jefferson Junior High School. "Around the Bay" filmed and narrated by George Regensburg of Glassboro State College in New Jersey will be the program.

With a length of shoreline more than 50 miles long Regensburg shows the relationship between the land and the sea, and the creatures that inhabit both.

Tickets are available at the box office for non-season membership holders. They are one dollar for adults and fifty cents for students.

Goofers Take Mixed League's 1st Half; Second Round Opens During Holidays

The Goofers took the Mixed League's bowling honors for the first half, hands down. They captured four points from the Bingos during Christmas week, to cinch the title. Three point wins went to the Twisters over the Blue Angels, the Chumps over the Alley Oops, and the Alley Cats over the Turtles, in final stage play.

Delores Dyer, Alley Oops, took women's honors in singles, rolling a 159 scratch game. Jane Brown, Turtles, captured handicap honors, with singles of 213 and series of 566. Muriel Ferguson, Goofers, took scratch series, rolling 454. The Male Side saw Bill Dyer, Alley Cats, on singles with 245 and 274. Bill Stephens, Goofers, took a 558 scratch series and Mike Mount, Chumps, rolled a 622 handicap series.

The Goofers swept the boards on team honors, taking singles of 667 and 782 and series of 1874 and 2231.

1st Half Final Standings:

| Team | W | L |
|-------------|-----|-----|
| Goofers | 41 | 15 |
| Twisters | 37 | 17 |
| Chumps | 32½ | 23½ |
| Alley Cats | 29 | 27 |
| Turtles | 26 | 30 |
| Blue Angels | 23½ | 32½ |
| Alley Oops | 20 | 36 |
| Bingos | 15 | 41 |

In new action last week three teams tied for top spot, as the Goofers took the Alley Oops for three, the Blue Angels took three from the Bingos and the Turtles took three from the Chumps. The Alley Cats and Twisters shared two points.

Nancy Garrison, Blue Angels, took high single scratch game of 160. Ella Stansell, Goofers, and Jane Brown, Turtles, tied for handicap singles each with 204. Georgia Rader, Turtles, took a 447 scratch series . . . and Jane Brown won high handicap series of 573.

George Cantrell, Turtles, rolled a 199 single scratch game. Werner Schenck, Twisters, took a 239 handicap game . . . and Elbert Scott, Chumps, rolled a 522 scratch, 627 handicap series.

The Goofers rolled high scratch singles of 665 and the Twisters

Bowling Dead-Line Entries Is January 14

Attention, bowlers! Have you submitted your entry in the Y-12 Bowling Tournament? It is set for the week-end of January 23 and 24.

You must have rolled 12 games between August 1, 1964 and January 7 (tomorrow).

Entries must be submitted to the Recreation Department before next Thursday, January 14.

took handicap singles of 811. The Turtles rolled high series with 1764 and 2266.

League standings follow:

| Team | W | L |
|-------------|---|---|
| Goofers | 3 | 1 |
| Blue Angels | 3 | 1 |
| Turtles | 3 | 1 |
| Alley Cats | 2 | 2 |
| Twisters | 2 | 2 |
| Alley Oops | 1 | 3 |
| Bingos | 1 | 3 |
| Chumps | 1 | 3 |

Beavers Take Early Bush Alley Lead

The Bush League for Y-12 bowlers rolled well into their second half during the holidays, with the Beavers jumping to an early lead.

The eager ones took three points on December 21 from the Teds, as did the Outcasts over the Rollmasters and Spec Five by the Hi Balls. The only four-point win of the night went to the Beginners who eased by the Seven Sixties.

Bill Fleishman, Hi Balls, took a 213 scratch game; Herb Reynolds, Outcasts, cast a 249 handicap game. Bill Shelton, Outcasts, rolled a scratch series of 527 and Gerald Roberts, Teds, took a 623 handicap series.

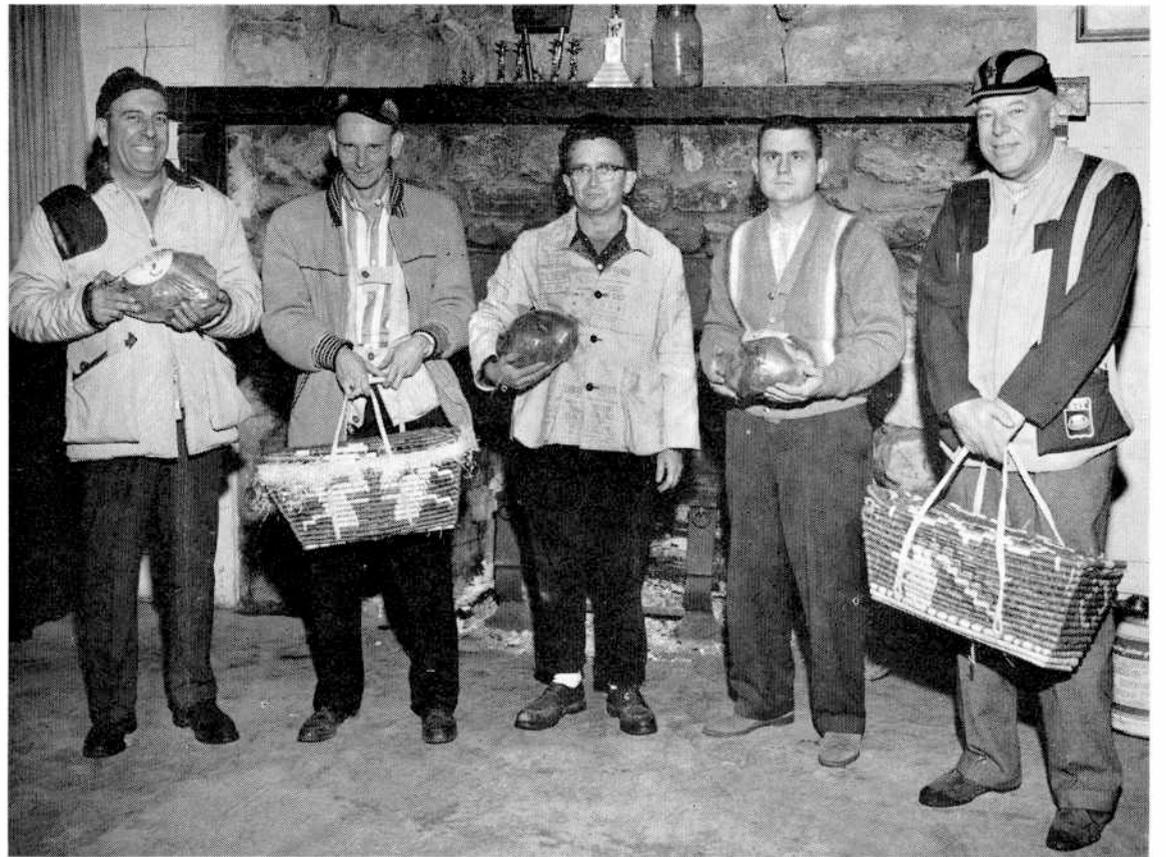
The Outcasts took highs all the way Christmas week, rolling singles of 847 and 994 and series of 2364 and 2854.

Last week the Beavers took four from the Beginners. Three points went to the Rollmasters over the Spec Five. The Teds and Seven Sixties shared two . . . and two and one-half points went to the Hi Balls over the Outcasts.

In New Year's week highs, it was Ralph Williams, Beginners, rolling singles of 210 scratch and 240 handicap. John Austin, Beavers, took series highs, posting scores of 562 scratch, 664 handicap. The Teds racked up high singles of 879 and 1055 . . . while the Beavers took series highs of 2394 and 2883.

League standings follow:

| Team | W | L |
|---------------|----|----|
| Beavers | 7 | 1 |
| Outcasts | 4½ | 3½ |
| Beginners | 4 | 4 |
| Spec Five | 4 | 4 |
| Rollmasters | 4 | 4 |
| Hi Balls | 3½ | 4½ |
| Teds | 3 | 5 |
| Seven Sixties | 2 | 6 |



BIG WINNERS IN THE FALL Skeet League include Charlie Asmanes, second place, Class AA; R. A. Allstun, first place, Class A; Fred Welfare, second place, Class AAA; M. E. Pruitt, second place, Class A; and Jack Case, first place, Class AA. Don Pitt, who repeated as grand champion for about the umpteenth time was not present for the presenting of the ham and cheese above.

Shifters May Fire In Pistol League

Any Y-12er working evening shifts that would be interested in doing some pistol shooting should contact R. L. Matheney, phone 483-3460. The Y-12 Pistol League is considering holding matches in the mornings at the Anderson County Gun Club in Clinton, if enough people are interested. The league would be run on a handicap system similar to the present Wednesday night matches, for the benefit of new firers.

The results of last Wednesday's match showed L. M. Bray with a 291.754 handicap score in first place, followed by R. L. Matheney's 286.554. The highest scratch score was fired by D. R. Alford, as he came in with 272.

PRESIDENTIAL RAISES

The salary of the U. S. President was originally set at \$25,000 a year. It was raised to \$50,000 in 1875; to \$75,000 in 1900; and to \$100,000 in 1949. Interested applicants should check with the two major political parties.

C Bowling League Ends Initial Half; Begins New One During Holiday Action

During Christmas week the C Bowling League wound up its first half of play. The Sunflowers took first place easily, blasting the Big Five for four points. The other sweeps of the night featured the Shud-A-Beens over the Hookers and the Lucky Strikes over the Hi Lifers. Three points went to the Rounders over the Five Roses, the Badgers over the Rodders and the Strikers over the Parbusters.

Final night highs went to John Householder, Strikers, as he took singles of 223 scratch, 244 handicap. Bill Stephens, Sunflowers, took high scratch series, rolling a 591; and Jim Miller, Lucky Strikes, rolled a 657 handicap series.

The Sunflowers and Badgers shared singles honors . . . with the Flowers taking a 923 scratch score, and the Badgers rolling 1032 handicap counting. The Sunflowers took both series highs, rolling 2672 scratch and 2940 handicap.

Final 1st Half Standings:

| Team | W | L |
|---------------|-----|-----|
| Sunflowers | 42 | 18 |
| Rounders | 36 | 24 |
| Five Roses | 35 | 25 |
| Badgers | 33½ | 26½ |
| Hookers | 33 | 27 |
| Big Five | 32 | 28 |
| Parbusters | 30 | 30 |
| Hi Lifers | 27 | 33 |
| Shud-A-Beens | 26 | 34 |
| Strikers | 23½ | 36½ |
| Rodders | 23 | 37 |
| Lucky Strikes | 19 | 41 |

Bounding back without a breath for the holiday weeks, C bowlers saw two sweeps on opening night December 28. The Hi Lifers busted the Parbusters, and the Strikers took the Five Roses . . . three points went to the Shud-A-Beens smothering the Badgers, the Rodders ramming past the Sunflowers, and the Lucky Strikes striking the Rounders. The Hookers and Big Five shared two points each.

Early season highs went to J. E. Morgan, Rounders, who rolled a 221 scratch game . . . Paul Evans, Badgers, took a 242 handicap game. Fred Fox, Sunflowers, posted a 573 scratch series, and Howard Gibbs, Lucky Strikes, struck a 676 handicap series.

The Badgers took high singles with 941 scratch, 1058 handicap

. . . and rolled a scratch series of 2593. The Shud-A-Beens took handicap series, posting a high 2992.

2nd Half Standings:

| Team | W | L |
|---------------|---|---|
| Hi Lifers | 4 | 0 |
| Strikers | 4 | 0 |
| Shud-A-Beens | 3 | 1 |
| Rodders | 3 | 1 |
| Lucky Strikes | 3 | 1 |
| Big Five | 2 | 2 |
| Hookers | 2 | 2 |
| Badgers | 1 | 3 |
| Rounders | 1 | 3 |
| Sunflowers | 1 | 3 |
| Five Roses | 0 | 4 |
| Parbusters | 0 | 4 |

Ten Pins Early E Bowling Leaders

E League bowlers got in their third week of action last week, rolling during the holidays. On December 23, the Ten Pins and Four Squares were locked in a tie for first place. The Squares had walloped the Cannon Balls for four, and the Pins had taken the Hot Shots for three. The Alley Bees and Pintwisters shared two points each.

J. Plaza, Four Squares, took high singles, rolling 222 scratch, and 249 handicap. T. Hummel, Four Squares, rolled high series, taking a 520 and 625.

The Alley Bees took team honors in singles rolling, with 676 and 835 . . . while the Four Squares took series of 1927 and 2341.

In play last week the Pintwisters took four from the Cannon Balls . . . the Ten Pins wrestled three from the Four Squares, and the Alley Bees also took three from the Hot Shots.

J. Kirchler, Hot Shots, rolled hot all the way. His singles of 201, 231 . . . and series of 566 and 656 were tops for the day. The Alley Bees swept team honors, with singles of 677 scratch, 819 handicap . . . and series of 1853 and 2269.

League standings follow:

| Team | W | L |
|--------------|----|---|
| Ten Pins | 10 | 2 |
| Four Squares | 8 | 4 |
| Pintwisters | 6 | 6 |
| Alley Bees | 5 | 7 |
| Cannon Balls | 4 | 8 |
| Hot Shots | 3 | 9 |



IF WINTER COMES . . . CAN SPRING BE FAR BEHIND? . . . that's not what Al and Zola White say. They say, "Let's go to Florida!" Here they are seen before their new vacation home at 1010 E. Penn Road, Lehigh Acres, Florida. If folks in Casting (where Al works) and Arc Melting (where Zola works) keep wondering why they prefer winter vacations, perhaps the above photo may explain the mystery.

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Continued from Page 2

In H-2 it's told that **B. E. Lett** is back from a North Georgia vacation hunting racoons . . . **J. C. Gibbs** returned to work after a long illness . . . **V. D. Cooper, E. F. Dalton, E. B. Seeber, W. L. Gaston** and **H. R. Mullins** took pre-Santa vacations to be with families and friends.

Best wishes to **John Reagan** who had surgery recently and will be away from work a few more weeks . . . Mr. and Mrs. **Ray Aytes** had holiday guests, Mr. and Mrs. **M. S. Nance** from Pensacola, Florida. Mr. Nance is Mrs. Aytes' brother.

M-Wing reports vacationers were **W. B. Stephens, C. Allen, C. Thompson, E. R. Eastwood** and **A. R. Agee**.



Bob and Kimberly

These two youngsters are **Robert Frank** and **Kimberly Joann Campbell**, children of **George F. Campbell**, Beta Four Machine Shop. Mighty handsome youngsters, don't you think?

Science has crossed a potato with a sponge. It doesn't taste too good, but sure soaks up the gravy!

TECHNICAL SERVICES



Donna Karen Spears

This little cutie is the daughter

of **Joyce and John Spears**, Statistical Services. She was about 10 weeks old in this photo . . . but is three months old now. She also has a little sister **Dianne** at home.

That's about it.

Malka Choset Gives Piano Recital Saturday

Saturday, January 9, will mark a special treat for Oak Ridgers. **Malka Mevorach-Choset** will present a piano recital at the Oak Ridge High School for the benefit of the Arts Council of Oak Ridge. The council is an organization for the support and encouragement of the arts in Oak Ridge.

Mrs. Choset was recently accorded a warm reception in Carnegie Hall, and has given concerts in several southern cities this winter. Her program will feature favorite works of **Bach, Beethoven, Schumann, Bensussan** and **Bartok**.

The concert begins at 8:15 p.m. Tickets are available from Mrs. **Lawanda Klobe**, telephone Oak Ridge 483-3948.

Gate Of The Year

"And I said to a man who stood at the gate of the year: 'Give me a light that I may tread safely into the unknown.' And he replied: 'Go out into the darkness and put your hand into the hand of God. That shall be to you better than light and safer than a known way.' So I went forth, and finding the Hand of God, trod gladly into the night. And He led me towards the hills and the breaking of day in the lone East."

The little poem was composed by **Minnie Louise Haskins**, and used by England's **George VI** in a radio broadcast to the Empire, December 25, 1939.

Instrument Society Meets Tonight In OR

The local chapter of the Instrument Society of America meets tonight, January 6, in the Green Room of the Oak Ridge Recreation Hall.

Richard Bauhaus, Hewlett-Packard Company, will speak on "A Microwave Spectrometer." The meeting is set for 8 p.m.

Members and interested parties are cordially invited to the ISA meeting.

W-2's Due For Mail Today, January 6

We hate to break into Twelfth Night festivities with the sad news! The Payroll Department expected to put W-2 forms to all employees (statements showing earnings and withholding taxes



BUSILY CHECKING OUT the many articles to be chosen by Y-12ers as safety awards for 1964 are the above folks. They are the committee appointed to narrow the field down to 22 items. (The photograph of the selections chosen appears on page one.)

Enter Those 1964 Fish Takes Now!

Friday week, January 15, is the deadline for entering the 1964 Fishing Rodeo. All catches must have been made before midnight, December 31.

Fish caught after that may be entered in the new 1965 Annual Fishing Rodeo. The Recreation Department, Room 108, Building 9704-2, has plenty of new forms for the new contest.

Awards will be made for the following species: large mouth bass, small mouth bass, striped bass, walleyed pike, sauger pike, crappie, blue gill and/or bream, rough fish (cat, drum, carp) and rainbow trout.

Photographs and verification of sizes and weights must be attached to entries in the annual competition. See Recreation for details, or call on extension 3-7109.

Recreation



calendar

Monday, January 11

BOWLING: C League, 5:45 p.m.; Bush League, 8 p.m., Ark Lanes.

Tuesday, January 12

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

Wednesday, January 13

BOWLING: E League, 10 a.m.; Mixed League, 8 p.m., Ark Lanes.

PISTOL LEAGUE: 7:30 p.m., Anderson County Gun Club, Clinton.

BASKETBALL: 6:30 p.m., Oak Ridge High School, See Schedule.

Thursday, January 14

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

DEADLINE for filing entries in the Y-12 Bowling Tournament, coming January 23, 24.

Friday, January 15

FISHING: 4:30 p.m. Deadline for entering fish caught in the past year's Annual Rodeo.

for 1964) into the mails today, January 6.

The year will be remembered (come April 15) as the time tax dropped, but withholding dropped even more. (We wish whoever thought up such an idea would loan us a little come filing time!)



Early-in-the-year celebrants flock to the Union Carbide Corporation veteran status. Congratulations.

20 YEARS

D. C. Wolfenbarger, Stores Department, January 8.

Charles W. Latham, Janitors Department, January 8.

Harold T. Potter, Research Services, January 8.

Charles Asmanes, Machine Tool Engineering, January 8.

15 YEARS

Floyd W. Manis, Buildings, Grounds and Maintenance Shops, January 9.

10 YEARS

Wilburn Borum, 9212 Shops, January 6.

Raymond H. Gassaway, Process Maintenance, January 10.

Fitchue L. Rigney, Buildings, Grounds and Maintenance Shops, January 10.

Eric E. Johnson, Statistical Services, January 10.

'The Roof' Is Film In AAUW Foreign Series

The next film in the Foreign Film Series, sponsored by the AAUW will be "Il Tetto" . . . The Roof, a prize-winning Italian film directed by **Vittorio de Sica**. In the tradition of "Shoeshine" and "Bicycle Thief" the masterpiece has documented the life of the poor in postwar Italy. The film took the **David O. Selznick Silver Medal Award** in 1959 and was named one of the best foreign films of the year by the National Board of Review.

Tickets for "Il Tetto" are available at the door, when the film will be presented, Sunday, January 10 at Jefferson Junior High School. Showings will be at 7 and 9 p.m.

'Ion Beam' Is Topic Of Thermonuclear Talk

The Thermonuclear Division announces its seminar this week to be conducted by **G. G. Kelley** and **O. B. Morgan Jr.** The subject will be "Ion Beam Production and Acceleration."

It is set for Thursday, January 7, at 9 a.m., in the TD Conference Room, Building 9201-2, Y-12.

Southern Bell Man To Speak To IEEE

The Oak Ridge Section of the Institute of Electrical and Electronics Engineers will meet on Thursday, January 14, at 7:30 p.m. in the Green Room of the Ridge Recreation Hall. The speaker will be **R. G. Haley**, senior engineer, Long Range Planning Section, Headquarters Engineering Department, Southern Bell Telephone and Telegraph Company, Atlanta, Georgia.

Haley will describe a new electronic switching system which may replace the electromechanical relays presently employed in central telephone offices. In his presentation, he will discuss reasons for developing the new system, its field of application, and possible new service offerings.

Since joining Southern Bell in 1957, Haley has held various assignments in toll and rental office engineering, and in Bellcomm, Inc., Washington, D. C. He is an electrical engineering graduate of Auburn University, a member of IEEE, Phi Kappa Phi, Tau Beta Pi and Eta Kappa Nu.

All IEEE members and guests are invited to attend. Refreshments will be served after the meeting.

John Hutton

Continued from Page 1 former **Margaret MacDonald**, and two children **John Gary** and **Barbara**, Hutton took his 'moonlight' degree just before the Christmas holidays. It was a fitting present for his family at 106 E. Price Road, Oak Ridge.

John served with the United States Merchant Marines from 1944 until 1948 . . . just prior to coming to Oak Ridge. He is a native of Bedford, Indiana, where he graduated from high school. Prior to his maritime service he had worked with the United States Navy Ordnance and Maxon Construction Company, Crane, Indiana.

The two Hutton children attend schools in Oak Ridge . . . **John G.** is a sophomore at Oak Ridge High, and **Barbara** attends Jefferson Junior High.

"If Margaret and I have anything to do with it," John stated, "Those two are going to get their education before they start to work."

Congratulations, John Hutton!