

71550

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MADE IN Y-12 . . . plastic 'skulls'! . . . Sam Simmons, General Machine Shop, and ORNL's C. C. Harris, inspect plastic models for calibrating radioisotope scanning equipment used in medical diagnosis. The models, representing human heads, may be filled with radioactive liquids. The spherical model at right is an ORNL concept, while the other 'square' head is used by some other institutions.

19 Y-12ers Complete Another Seminar In Value Engineering Analysis Recently

Various Plant Problems Are Tackled By Teams As Seminar Attendees Take On Varied Projects

Another Value Engineering Analysis seminar has been successfully concluded. Tool Engineering Superintendent J. L. Waters recently presented certificates to the 19 participating members.

Four teams were formed to apply Value Analysis to four separate plant problems. Captain J. F. Terrell and team chose "CWS Filter Housing" as their project. Captain Jack Blackerby and team selected "Circuit Boards—Datum Hole Applications." Captain Dave Alford and team worked on "Precision Tool Setting." The fourth team under H. G. Smith worked

on "Handling and Storage of Beta Two Components."

W. E. O'Dell was the general instructor, with Frank Fuis Jr. serving as chairman. Various other people lectured to the seminar on the value analysis emphasis.

Receiving certificates were Carl St. Onge, Fred Roettger, Leonard Abbatiello, Dick Green, Doug Carter, Rus Hensley, John Gardino, Jim Lawrence, Gay Smith, Dan Palkowski, Jack Blackerby, Jack Terrill, Dave Alford, Floyd Hipshire, Joe Feeman, Ron Miskell, Phil Shipp and P. J. Anderson.

6-12299 Continued on Page 46

Plant Suffers 7th Lost-Time Accident

Rigger Injures Legs Moving Heavy Object

Y-12 suffered its seventh lost-time injury last week. (Three of these seven have occurred in the past three weeks!)

On November 4, a rigger in Research Services sustained a disabling injury when a magnet coil tipped over on his leg. He and other employees were removing a lens focusing coil from the DCX-1 Experiment in Building 9201-2. The coil assembly weighs approximately 700 pounds and is located in a very congested work space. Because of limited space the men used a method of rigging that resulted in the assembly being top heavy when taken loose from its installed position. There were only two cables attached to the assembly and it tipped over when freed from its holding lugs.

The accident resulted in severe contusions to both upper legs and right forearm. There was also a torn ligament in the rigger's right knee which will require surgical repair. The employee will be off from work approximately four to six weeks.

Material handling is an essential part of almost everyone's job in Y-12. While most of the material many of us work with is of the non-hazardous nature, there are jobs to be done where heavy equipment and cumbersome materials are involved. Extreme care should be taken in moving any type material.

A total of seven lost-time accidents thus far in 1964 is too many. One is too many, for a lost-time injury brings pain, time off from work, and family concern.

Sometimes just a little thought of precaution can prevent a serious accident. Let's **think** safety!



ROD CREIGH, TECHNICAL REPORTS, calibrates the length of a sheet of uranium foil, fabricated in Y-12, rolled to a ten one-thousandths of an inch thick . . . probably the thinnest uranium ever made on a production basis. The foil, rolled for the National Aeronautics Space Administration, is thinner than the ordinary matchbook cover.

Thin Uranium Foil Fabricated For NASA's Research Center

Y-12 has fabricated what may be the thinnest — ten one-thousandths of an inch (10 mils) — uranium foil ever made on a production basis. This is thinner than the ordinary matchbook cover.

The foil, prepared in several sheets, contains a total of 100 kilograms (200 pounds) of depleted uranium. This is uranium from which most of the fissionable U²³⁵ has been removed. The foil was sent to the National Aeronautics and Space Administration's Lewis Research Center at Cleveland.

Y-12 was chosen to perform this work because of its long experience in uranium fabrication, and because of the availability of unique fabrication equipment necessary to meet the specifications.

The desired amount of uranium initially was cast into a billet approximately 20 inches long, 20 inches wide and three inches thick. The billet was then rolled and sheared into five separate sheets, each one-quarter inch thick.

The sheets were rolled on a Sendzimir precision rolling mill to attain a thickness of 20 mils. Tension-rolling on the foil was then employed to obtain the eight-foot-long and 10-mil-thick sheets required in the order.

MIT's Wedgwood Leads Physics Division Talk

Massachusetts Institute of Technology's F. A. Wedgwood will conduct Friday's Physics Division Seminar, at Oak Ridge National Laboratory. He will speak on "A Theory of Spiral Spin Structures."

It is set for Friday, November 13, at 3:15 p.m. in the East Auditorium of ORNL's 4500 Building.

New York Meeting Is Thursday Seminar Topic

Members of the Thermonuclear Division will discuss a "Survey of New York Meeting" at this week's seminar.

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



A TOTAL OF 19 CERTIFICATES was presented to a Tool Engineering group who completed another Value Engineering Analysis seminar. Seated from left are Dave Alford, Floyd Hipshire, Joe Feeman, Ron Miskell, Phil Shipp, P. J. Anderson and Chairman Frank Fuis. Standing are Leo Waters, department superintendent; Rus Hensley, Instructor Bill O'Dell, John Gardino (in front of Hensley), Jim Lawrence, Gay Smith, Dan Palkowski, Jack Blackerby, Jack Terrill, Doug Carter, Dick Green and Carl St. Onge. Absent when the photo was made were Leonard Abbatiello and Fred Roettger.

SAFETY SCOREBOARD

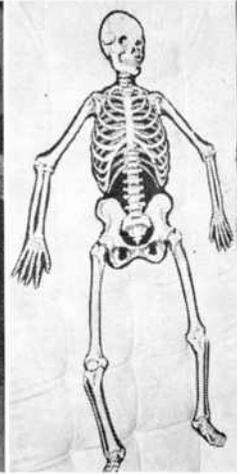
The Y-12 Plant Has Operated Four Days Or 95,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury

Through November 8

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PRODUCT ENGINEERING PERSONNEL gathered Friday, October 30, at the Holiday Inn in Oak Ridge for a gala Halloween Party. The Charlie Baker Five and the Sisters Four (we hope that's right) provided the necessary rhythms for the dancers to do the "dog" or whatever

it is they're doing in the above pictures. The lively doings (PE people did not want to come as goblins and spooks) brought out all the lace and trimmings, too. Product Engineering people decided it was time for a party, also they did not want to get in on the rush

next month when everybody has a party! As a committeeman said to the press last week . . . "Be sure to put in there that a 'goodly time was had by all!'" Other divisions are planning parties right and left for the upcoming holiday season.



MIKE MOUNT, Production Control, and **Don Wilson**, ORNL, won a television set and clock-radio, respectively, at Product Engineering's dance. Paul Febbo, Tool Engineering, won a transistor radio also.



JONES—BAILEY

Mr. and Mrs. James R. Bailey, Harriman, announce the marriage of their daughter Miss Lena Ruth Bailey, to Mr. James Thomas Jones. The wedding was solemnized at the Redeemer Lutheran Church, Kingston, Saturday, October 10, with the Reverend W. H. Ringhardt officiating.

Both the bride and groom are employed in Y-12, she in Radiation Safety . . . and the groom in Area Five Maintenance.

Mr. Jones is the son of Mr. and Mrs. Edward T. Jones, Fruitland Park, Florida. He attended the Georgia School of Technology and holds a BS in mechanical engineering from the University of Kentucky.

Mrs. Jones is a graduate of Harriman High School, and attended the Knox Business College, Knoxville.

Attending the couple at their wedding were Mr. and Mrs. Robert B. Culton, Oak Ridge.

After a wedding trip to Nassau, the couple is at home at 313 Pennsylvania Avenue, Oak Ridge.



Mr. and Mrs. James T. Jones

Utilities' Robertson Died In Vasper

Y-12 marks the death of Estel E. Robertson with regret on November 3. Funeral services were conducted Saturday, November 7, at 2:30 p.m. at the Vasper Baptist Church with the Reverend Richard Smith officiating. Burial followed in the New Vasper Cemetery.

Mr. Robertson, supervisor in Utilities Administration, came to Y-12 May 19, 1952. He was a native of Campbell County.



E. Robertson

Surviving are his wife, Mrs. Willie Biggs Robertson; sons Everett, Hammond, Indiana, Robert and Philip, in service in Germany, Donald and David Robertson, at home; parents, Mr. and Mrs. W. M. Robertson, Vasper; brothers, Bob, Vasper, Bill, Atlanta, Georgia; sisters, Mrs. Audrey Moss, Atlanta, and Mrs. Joyce Baker, Detroit.

Friends and co-workers in Y-12 express their sympathy to the Robertson family.

Camera Club Plans Instructions

The Carbide Camera Club has arranged to offer a course in Advanced Photography available to all Union Carbide employees and their families. If enough students can be obtained, the professional services of Joe Jernigan, Dave Bourgette and other photographers will be available for instruction.

The course would include selected subjects in portraiture, pictorial and industrial photograph along with advanced darkroom techniques. Lighting, composition and darkroom control would be emphasized. Knowledge of the basic camera and dark room operations would be assumed. Specific subject matter would be tailored to the desires of the students.

If interested, you should contact Horace Friedman, telephone extension 6-1378, or at his home 183 S. Purdue Avenue, Oak Ridge, or telephone Oak Ridge 483-6961. Immediate action is required, so that the classes may start promptly.

Technical Services Plan Gala Party

Technical Services Division is planning a gala Christmas party Saturday, December 19, at the Holiday Inn, Oak Ridge. Breakfast will follow the festivities, which begin at 9 p.m.

Special committeemen arranging the multi-department party include Daisy Ward, Mary Ann Wright, Bea Cameron, Dot Woulard, Charles "Bones" Seivers, Harold Payne, Jack Gresham, and Morgan Carter. They will have tickets available shortly for anyone interested in attending.

Portal, straight day. Bill McManus, plant phone 7-8445, home phone Knoxville 524-2020.

Engagement: ringing a belle.

AIEE Meets Tomorrow In Recreation Hall

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers will meet tomorrow, Thursday, November 12, at 7:30 p.m. in the Green Room of the Ridge Recreation Hall.

R. H. Dilworth, Oak Ridge-Technical Enterprises, will speak on "Design Criteria for Successful Commercial Products."

All members and interested parties are urged to attend the IEEE meeting.



Ride wanted from 107 Thayer Lane, Oak Ridge, to North Portal, straight day. Eileen Walbrecht, plant phone 7727, home phone Oak Ridge 483-4679.

Ride wanted from Karns to North Portal, H Shift. Virginia Martin, plant phone 7032, home phone Powell 947-6045.

Ride wanted from North Central (one-half block off), near Big Red Star, Knoxville, to West Portal, straight day. Nora Hurst, plant phone 7-8923, home phone Knoxville 634-1372.

Riders wanted from: Lincoln Park Section, Knoxville, to East

The Bulletin

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



JAMES A. YOUNG Editor

Member



Appalachian Industrial Editors' Association

OFFICE
Post Office Box Y
Oak Ridge, Tenn. 37831
Bldg. 9704-2 Room 137
Telephone 7100

6-10940

Assembly Gets Roarin' 20's Nostalgia

Shades of Scott Fitzgerald, can Santa Claus do the Charleston? The Assembly Division plans to find out.

Their Christmas Party this year will have the 'Roarin' Twenties' as its theme . . . bangs, cloche hats, long beads, straw hats, Beaver coats, and the works. The 'hey you kid' party is set for Friday, December 4, at Deane Hill Country Club, Knoxville.

The buffet dinner begins at 7:30 p.m. After that there are all kinds of things planned . . . a change partners dance . . . a short square dance . . . a program dance . . . a Project X (surprise, surprise) an open dance session. Contests will be held for the best-dressed flapper there . . . and also for the best-dressed 'chicken inspector.'

Ticket-salesmen within the division include Jack Adkins, R. G. Babb, Jane Brown, C. W. Cate, R. D. Ellingson, Mary Farr, H. L. Felix, R. V. Harrell, Johnny Hines, Virginia Newby, Ken Nuchols, and Kay Steed.

Dick Jones and his orchestra, with Miss Knoxville Judy Eggers doing the vocalizing, will keep the music interests up.

For the buffet there will be three or four selections of meat, fish, a variety of salads and vegetables and drinks and desserts.

Tickets are \$5 per . . . or \$10 for each couple. There will be a limited number sold. Many are already gone, so you'd better get in early. Ticket sales will be stopped when the magic number is reached.

(R. G. Spurling will call the short square dance session. This alone should be worth the price of admission.)

The committee says there's many a surprise left in store for those attending. So come on out and join the holiday fun. Kick the season off early. See any of the above ticket holders for a chance or two at a mighty fine evening.

Sunflowers Edge Toward C's Top

The Sunflowers edged up in C League bowling last week by taking three from the league-leaders the Hookers. Four point wins went to the Five Roses over the Parbusters, and the Big Five over the Hi Lifers.

More three point wins went to the Badgers as they struck down the Lucky Strikes, the Rounders as they decimated the Shud-A-Beens, and the Strikers as they rollicked over the Rodders.

E. V. Hawk, Big Five, had the best single game of the night with a 208 scratch. Howard Gibbs, Lucky Strikes, rolled a 246 single handicap game. F. A. Fox, Sunflowers, took a 590 scratch series and teammate H. Fox took a 662 handicap series.

The Sunflowers almost swept the board with singles of 925 scratch, series of 2697 and 3000. The Badgers blocked the rout by taking handicap singles in the order of 1052.

| Team | W | L |
|---------------|-----|-----|
| Hookers | 24 | 8 |
| Sunflowers | 23 | 9 |
| Badgers | 21½ | 10½ |
| Parbusters | 18 | 14 |
| Five Roses | 18 | 14 |
| Rounders | 17 | 15 |
| Big Five | 16 | 16 |
| Lucky Strikes | 12 | 20 |
| Rodders | 12 | 20 |
| Strikers | 10½ | 21½ |
| Hi Lifers | 10 | 22 |
| Shud-A-Beens | 10 | 22 |



Chumps Edge Up In Mixed Bowling

The Chumps moved up to touching distance of first place in the Y-12 Mixed League for bowlers last week. They drove past the Turtles for the full count. Another big one went to the Blue Angels over the Bingos.

The Goofers, still in first place, surrendered two points to the Alley Oops and the Alley Cats and Twisters swapped two each.

Ella Stansell, Goofers, had high game of the night for girls, with a 162 scratch game . . . Jeanne Cothron, Turtles, rolled the high handicap game, taking a 213. Sandra Stambaugh, Chumps, took series highs, posting a 450 scratch, 597 total.

Among the men it was Bill Stephens on scratch scoring, rolling a 207 single and 527 series for the Goofers. Werner Schenk, Twisters, took high single handicap game with a 243 . . . and A. V. Bible, Alley Oops took high handicap series with a 621.

League standings follow:

| Team | W | L |
|-------------|-----|-----|
| Goofers | 22 | 10 |
| Chumps | 21½ | 10½ |
| Alley Cats | 17 | 15 |
| Twisters | 17 | 15 |
| Blue Angels | 15½ | 12½ |
| Alley Oops | 15 | 17 |
| Turtles | 12 | 20 |
| Bingos | 8 | 24 |

Recreation calendar

Sunday, November 15
Carbide Skeet League, 1 p.m., Oak Ridge Sportsmen's Association

Monday, November 16
BOWLING: C League, 5:45 p.m.; Bush League, 8 p.m. (Ark Lanes)

Tuesday, November 17
PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gym

Wednesday, November 18
BOWLING: E League, 10 a.m.; Mixed League, 8 p.m. (Ark Lanes)

Thursday, November 19
BOWLING: Classic League, 5:45 p.m. (Ark Lanes)

Y-12 RIFLE LEAGUE, 7 p.m. (Anderson County Gun Club)

IT'S QUITE A SHOW
During an election year, the other circuses might just as well stay in their winter quarters.

Pitt Takes Reins Again For Skeeters

The sixth firing in the All Carbide Skeet League brought Don Pitt again to the forefront for marksmanship. His 143 tops all three classes . . . from a perfect score of 150.

Leading Class AA is Y-12er Jack Case, and Charlie Asmanes follows in second place with 134. ORNL's M. E. Pruitt leads Class A with a 188, while R. A. Allstun, Y-12, has a 114.

Only two more rounds of firing remain, and the seventh round will take place Sunday, November 15.

Firings are held at the Oak Ridge Sportsmen's Association and begin promptly at 1 p.m.

League standings follow:

CLASS AAA

| | |
|----------------------|------|
| Don Pitt, Y-12 | 143 |
| F. G. Welfare, ORNL | 141 |
| J. A. Swartout, ORNL | 136 |
| M. C. Wiest, Y-12 | 134 |
| K. W. Bahler, ORGDP | 128 |
| F. S. Patton, Y-12 | 111* |
| W. H. Davy, ORGDP | 95* |
| W. E. Brundage, ORNL | 88* |

CLASS AA

| | |
|----------------------|------|
| J. M. Case, Y-12 | 141 |
| C. Asmanes, Y-12 | 134 |
| C. G. Brewster, Y-12 | 120 |
| R. H. McNabb, Y-12 | 100* |
| Bob Powers, Y-12 | 98* |
| Newt Hamby, Y-12 | 76* |
| Bill Sahr, Y-12 | 55* |

CLASS A

| | |
|---------------------|-----|
| M. E. Pruitt, ORNL | 118 |
| R. A. Allstun, Y-12 | 114 |
| H. D. Wills, ORNL | 111 |
| Hugo Bertini, ORNL | 81 |
| Bill Ebert, Y-12 | 30* |
| J. P. Cowen, Y-12 | 19* |

*Incomplete Scores.

Febbo Rolls Big In Bush Bowling

Paul Febbo took his teammates on the Teds and romped through the Bush League last Monday night. They took three points from the Beavers. Febbo pushed his way into the spotlight by rolling a 243 scratch, 277 handicap single game.

Joe Cavosie, Seven Sixties, took series highs, rolling 521 and 647. The Teds swept the team boards, with singles of 953, 1131 and series of 2416 and 2950.

Other scoring saw the Outcasts take three from the Rollmasters. Other three pointers went to the Hi Balls over Spec Five and the Seven Sixties over the Beginners.

League standings follow:

| Team | W | L |
|---------------|----|----|
| Teds | 14 | 6 |
| Outcasts | 11 | 9 |
| Spec Five | 10 | 10 |
| Rollmasters | 10 | 10 |
| Beavers | 9 | 11 |
| Hi Balls | 9 | 11 |
| Seven Sixties | 9 | 11 |
| Beginners | 8 | 12 |

OLD TIMER: One who remembers when you could promise a child the moon without having to buy him a space suit.

Alley Bees Sting Felt On E Alleys

Faultless pin action was the word in the E Bowling League last week. Look at the Alley Bees scores! They tallied singles of 719 scratch, 868 handicap . . . series of 2057 scratch, 2504 handicap (and that's a four-man team, too!)

Their own P. Bullard took a single of 254 scratch, 298 handicap . . . with a 703 handicap series. H. Nobles, Ten Pins, kept the Bees from making a clean sweep of it by rolling a 585 scratch series. The sting of the Alley Bees naturally got them four points from the Four Squares.

The Ten Pins also took four from the Cannon Balls . . . and the Pintwisters took three from the Hot Shots . . . as the league tightened up.

League standings follow:

| Team | W | L |
|--------------|-----|-----|
| Four Squares | 22½ | 17½ |
| Pintwisters | 22 | 18 |
| Alley Bees | 22 | 18 |
| Ten Pins | 22 | 18 |
| Hot Shots | 19 | 21 |
| Cannon Balls | 12½ | 27½ |

Has Beens Still Hold Classic Loop

The Has Beens still dominate Classic League bowling . . . eight full points out in front.

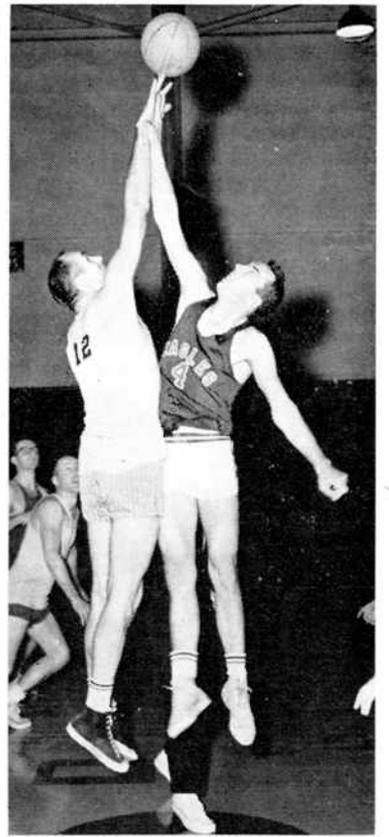
The only four point win of the week went to the Screwballs over the Eightballs, the Swingsters past the Bumpers, the Playboys past the Wasps and the Cubs over the Wolves. A two and one-half point score went to the Rebels over the Markers. Splitting two were the Has Beens and All Stars.

C. R. Lively, Screwballs, had high scratch hopes of the week with a 226 single and 600 series. George Flack, Cubs, rolled a 257 handicap single and Sam Bishop, Eightballs, took a 668 handicap series.

The Swingsters swung into the limelight in singles, with 981 scratch, 1085 handicap. Their 2758 scratch series was high, also. The Screwballs ended up with high handicap series, rolling a 3073.

League standings follow:

| Team | W | L |
|------------|-----|-----|
| Has Beens | 32 | 8 |
| Eightballs | 24 | 16 |
| Splinters | 22 | 18 |
| Rippers | 22 | 18 |
| All Stars | 22 | 18 |
| Tigers | 22 | 18 |
| Screwballs | 22 | 18 |
| Bumpers | 21 | 19 |
| Smelters | 20 | 20 |
| Swingsters | 20 | 20 |
| Markers | 18½ | 21½ |
| Playboys | 18 | 22 |
| Wasps | 16 | 24 |
| Wolves | 16 | 24 |
| Rebels | 15½ | 24½ |
| Cubs | 8 | 32 |



SHALL WE DANCE? Jim Beard and Jim Pugh jump center in a past season's court action. Basketball gets under way soon for Y-12ers. Is your team entered?

Winter Sports Activities Set

Aux armes . . . Aux armes . . . ye basketball and volleyball and badminton players. Recreation is paging again those wishing to participate in winter sports.

Several teams have already appeared 'front and center' in both basketball and volleyball. The inter-plant competition will get underway shortly, but the teams have got to show up first.

If you want on a team, or have a team already organized . . . call extension 7109 and get your name in the pot.

Time's a-wasteing!

Golf Course Features Tournament This Week

The new Cedar Lakes golf course in Oak Ridge has nine holes now ready for play. A 'get-acquainted' tournament is now in session through Sunday, November 15.

There is no entry fee and you can play as many times as you wish. All golfers will be welcomed as late Indian summer brings balmy days late this autumn.



DAN ZEHNER, Buildings, Grounds and Maintenance Shops recently vacationed in Panama City, Florida. He recommends the Gulf waters for the avid fisherman and produces the above photo as proof positive. That's Zehner at the left holding the giant sea bass.

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Strip Mine Expert To Address Societies

Reclamation Is Subject To ASM, AIME Groups



Mid-November finds many more Y-12ers celebrating anniversaries with Union Carbide Corporation. Congratulations.

20 YEARS

- James L. Crawford**, Research Services, November 13.
- Walter E. Gary**, Project Engineering, November 15.
- Earl A. Fritts**, General Metal Fabrication Shop, November 15.
- Walter M. Redden**, Electrical Department, November 16.
- Duane P. Anderson**, Shift Supervisors, November 16.
- Phyllis C. Johnson**, Process Analysis, November 16.
- Roy L. Luttrell**, General Machine Shop, November 17.

10 YEARS

- Earl E. Goodman**, Physical Testing, November 11.
- James R. McNabb**, Utilities Administration, November 12.
- Raymond W. Curtis**, Production Control, November 17.
- George M. Cox**, Tool Engineering, November 17.
- George H. Young**, Area Five Maintenance, November 17.

T'AIN'T VERY CROWDED

There's one advantage to walking the straight and narrow path—few people will try to pass you.



James A. Curry

"Strip Mine Reclamation" will be the subject of the next joint meeting of the Tennessee Section of the American Institute of Mining and Metallurgical Engineers and Oak Ridge Chapter of the American Society for Metals.

The dinner meeting is set for the Admiral Benbow Inn, Knoxville, and the social hour begins at 6:15 p.m., with dinner at 6:45 and the technical session at 8 p.m. It will be held next Wednesday, November 18.

James A. Curry, Strip Mine Reclamation Specialist, Tennessee Valley Authority, will speak on reclaiming Tennessee's striped mining areas. He joined TVA's Division of Forestry Relations in 1953 and was involved in general forest development work in Tennessee, western Kentucky and western North Carolina for the next 10 years. In 1963, he moved to TVA Forestry headquarters at Norris, and assumed responsibility for TVA's strip mine reclamation program.

Curry is a graduate of New York State Rangers Forestry School and holds a BS in Forestry from the University of Michigan.

Richard E. C. Duthie, Atomic Energy Commission, will give a coffee talk on "Mental Retardation in Children."

Dinner reservations (roast beef at \$2.75) should be made through J. W. Tackett, extension 6571.

GOOD LOOKS HELP TOO

One way for a girl to whip up a boy's interest is to give him a good eye-lashing.

Met Prep

Christmas Frolic!

December 12, 1964



OCTOBER SUPERVISORY CONFERENCES in Y-12 featured Assembly Superintendent K. W. Sommerfeld, who spoke on "The Supervisor and Cost Control." "Maintaining a good economic position in this country is a direct challenge to each individual and it is something we must accomplish if we are to maintain our position in industry and the position of this country as a leader in world affairs," Sommerfeld opened his presentation.

Akers-Campbell Set Tennis Play-Off

Final Tennis League results were played last week as Bill Akers swept the tail-end of the league, winning 12 points, losing none. He was scheduled to play Sam Campbell (winner of the first half) this past week. Akers defeated Bill Hackett last week 6-2, 6-3 . . . and won over John Pridgeon by default. Ralph Levey defeated Hackett 6-4, 4-6, 6-3.

Campbell King took a forfeit win also from Dick Huber.

Final standings follow:

| | W | L |
|----------------|----|---|
| Bill Akers | 12 | 0 |
| Sam Campbell | 11 | 1 |
| Ralph Levey | 8 | 2 |
| Campbell King | 6 | 6 |
| Bill Hackett | 4 | 5 |
| John Pridgeon | 3 | 3 |
| Ed Del Grande | 5 | 5 |
| Bob Bass | 4 | 6 |
| John Jones | 3 | 4 |
| Dick Huber | 2 | 7 |
| Roy Huddleston | 2 | 9 |
| Don Legacy | 1 | 7 |
| Al Fischer | 0 | 7 |

C. A. Pickens Rites Held In Oak Ridge

Funeral services for Cecil A. Pickens, Research Services, were held last Friday, November 6. The rites were performed by the Reverends E. D. Galloway, Cecil Hardin and Samuel Howie. Burial followed at the Oak Ridge Memorial Park.

Mr. Pickens died at his home, 101 Ulena Lane, Oak Ridge, Wednesday, November 4. He had been in ill health since June.

Surviving are his wife, Mrs. Mary Pickens, in Y-12's Process Maintenance; a son Richard R. Pickens, New Orleans; a daughter, Mary Cecile Pickens, also of New Orleans; brothers, Boyd and Edward Pickens, New Albany, Mississippi; sisters, Mrs. Beulah Rogers, New Albany, and Mrs. Bess Agnew, Clarksdale, Mississippi. Three grandchildren also survive.

A native of New Albany, Mississippi, Mr. Pickens came to Y-12 February 12, 1951. He was a supervisor in Research Services at the time of his death. Death was attributed to a heart attack. He had suffered previous heart attacks last year.

Sincere sympathy is extended Mrs. Pickens and her family.

Value Engineering Certificates

Continued from Page 1
 Formal reports were prepared and distributed by the four teams. Results ranged from being an exercise in learning value analysis techniques to practical solutions of the chosen problems. The overall intent of the seminar was to acquaint plant personnel with the benefits of using an organized VEA approach in discharging their daily responsibilities and effecting the Y-12 plant cost reduction program.

Subjects discussed in the Design Engineering seminar are also taken up in this month's supervisory conferences held by J. W. Strohecker.

Hula Dancer: Wild Waist Show.



"WE ARE PAST the point of making something regardless of its cost, and we are now faced with making a superior product at less cost," K. W. Sommerfeld stated in October supervisory conferences in Y-12.

Improper Climbing Can Cause Falls

Improper or lack of use of such items as ladders, scaffolds and platforms can cause serious injury. Many falls result when boxes, barrels or equipment are used as a substitute for a ladder. Falls also result when ladders are improperly placed or need repairs, and when employees try to reach out too far from them to perform a job.

Don't become a statistic in the serious game of falls. Never fall for a fall. Broken bones, or even death, could be your reward!

Whooping Cranes Count Goes Down Again . . .

Only 28 whooping cranes, America's tallest birds, were counted when they started their Spring journey from the Texas sanctuary to Canada in 1963. In 1961-62 there were 38. Wildlife observers of the U. S. Department of the Interior believe that no young ones were hatched last year during the birds' stay in Texas. The birds fly high and are difficult to track. The whooping crane is five feet tall, white, with red-crowned head and black-tipped wings. It has a wing-span of some seven feet.



ELEGANT IS THE WORD of the new Eveready "Captain" flashlights recently introduced in the above three popular sizes. Union Carbide's Eveready flashlights have become household words through their steady, dependable service-life.