



# — Y-12 BULLETIN

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

VOL. 20 — NO. 46

OAK RIDGE, TENNESSEE

Wednesday, November 16, 1966

## Billion-And-Half Investment Shown For AEC Facilities In Tennessee

Atomic Energy Commission's investment here is worth a lot of scratch! Recent figures released by the AEC show that the State of Tennessee has about \$1.5 billion in investment . . . the highest for any of the 50 states.

This figure and others revealing the major role of Tennessee in the nation's atomic energy program appear in the AEC's 1966 Financial Report.

The Commission's investment in plants and equipment in Tennessee is represented totally in the Oak Ridge area where broad programs of production, research and development are carried out for the AEC.

Approximately 14,000 persons are employed in Oak Ridge plants and laboratories, and last year these scientists, engineers, administrators and craftsmen had wages totaling more than \$116 million.

Oak Ridge National Laboratory now ranks first among the 10 AEC research laboratories in terms of completed plant and equipment. As of June 30, 1966, the AEC investment at ORNL totaled \$320 million. Operating costs of the Laboratory in FY 1966 totaled \$85 million.

There are two production plants in Oak Ridge — the Oak Ridge Gaseous Diffusion Plant, representing an investment of \$823 million and Y-12 with an investment of \$380 million. These plants and ORNL are operated for the AEC by Union Carbide Corporation.

Laboratories and facilities operated for the AEC by Oak Ridge Associated Universities represent an investment of \$5.2 million, and the Agricultural Research Laboratory, operated by the University

of Tennessee, show an investment of \$2.7 million.

The Commission's fourth Oak Ridge contractor, Management Services Incorporated of Tennessee, operates services facilities representing an AEC investment of \$10.4 million.

The Commission had total operating costs in Tennessee of almost \$220 million in Fiscal Year 1966, and the University of Tennessee carried out research for the AEC totaling some \$1.5 million.

Almost \$75 million in construction work related to AEC programs is presently under way in Oak Ridge.

## IEEE Topic Is Microcircuits

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers will meet in the Green Room of the Ridge Recreation Hall, tomorrow, Thursday, November 17. The meeting will begin at 7:30 p.m.

The speaker will be Paul Groner, supervisor, New Products Engineering, Corning Glass Works, Raleigh, North Carolina. He will discuss "Development and Application of Microcircuits."

The speaker received his BSEE degree from Polytechnic Institute of Brooklyn with advanced study at MIT and North Carolina State. He has worked in electronics in field engineering, instruction, manufacturing, design, research, and applications. Since 1962 he has worked with Corning Glass Works as a microcircuit engineer.

All interested parties are invited to tomorrow's meeting.



W. E. JOHNSON, NEW ATOMIC ENERGY COMMISSIONER visited in Y-12 recently. He views some graphite cutting in the above operation. To his left are R. F. Hibbs, Y-12 Plant Superintendent; E. J. Bloch, AEC Deputy General Manager, S. R. Sapirie, AEC-Oak Ridge Operations Manager. Commissioner Johnson served nearly 14 years as general manager of the AEC's Hanford, Washington, plant, and assumed his position with the AEC August 1. S. M. Hastings, Tool Grinding, is operating the machine.

## A SILVER LINING

About the only good thing that can be said of the new math is that it keeps the kids from finding out how little their parents know about the old.

## HP Society Will Hear AEC Larkin

The regular November meeting of the East Tennessee Chapter of the Health Physics Society will be held tomorrow, Thursday, November 17. The meeting begins at 7:30 p.m. at the ORINS Medical Division Conference Room, East Vance Road, Oak Ridge. Following a short business meeting, William J. Larkin, acting director of the reactor division for the Atomic Energy Commission will speak on "Nuclear Energy in International Activities."

Associated with the AEC for the past 16 years, Larkin has made several trips to Europe and the United Kingdom in connection with information exchange agreements between the US-AEC and the nuclear energy programs in England, Germany and France. He holds B.S. and M.S. degrees in mechanical engineering from the Massachusetts Institute of Technology, and at one time served as assistant director of MIT's Engineering Practice School in Oak Ridge. He has also earned an M.S. degree in Industrial Management from the University of Tennessee.

This meeting and program are open to members, guests, and interested persons. A special invitation is extended to all whose work is related to health physics, either directly or indirectly. For further information, contact Neil B. Schults, president of the local chapter.

## Instrument Society Begins Lectures

The Oak Ridge Section of the Instrument Society of America is beginning a new series of lectures. They will center around the use of integrated circuits in electronics, and begin next Tuesday, November 22. They run from 7:30 until 9 p.m. in the ORAU Training Building, Room W-18. J. J. Henry will be guest lecturer. Two other lectures follow in the series, November 29 and December 6.

These three lectures will cover both analog and digital microcircuits with emphasis upon selection, application and maintenance. Problems associated with auxiliary circuits and interconnection will be discussed, as well as diagnostic techniques for maintenance or testing of digital microcircuits.

Members and friends are invited to attend. Additional details may be obtained from H. S. McKown, extension 3-5649, or home phone Oak Ridge 483-1822.

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated 25 Days Or 705,000 Man-Hours (Unofficial Estimate) Through November 13 Without A Disabling Injury Safety Is Not A 'Sometimes' Thing



WAYNE GROPE AND J. L. ARROWOOD are joint inventors of a "Stutter Counter Circuit for a Digital Control System." The development is part of a program to position numerically machine tools with the aid of small computers. The counter will enable replacement of expensive bi-directional reversible counters with simple and more reliable circuits. The small computers cost substantially less than conventional controls and are inherently capable of much greater flexibility. The versatility of the computer makes it possible to incorporate technological advancements such as the stutter counter into everyday use. They are congratulated above by Bill Lee, left, and L. E. Burkhart, Laboratory Development. (Groppe, second from right is now in the Electrical Department.)

120623

6-13199

# The Bulletin

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



NUCLEAR DIVISION

JAMES A. YOUNG *Editor*

Member Appalachian Industrial Editors' Association

American Association Industrial Editors

OFFICE

Post Office Box Y  
Oak Ridge, Tenn. 37830  
Bldg. 9704-2 Room 137  
Telephone 3-7100

## Knoxville Rites Held For Martin

The Maintenance Services Department was saddened recently by the death of James D. Martin. Mr. Martin, a native of Sparta, died Saturday, November 5, after a long illness.

Surviving are his wife, Mrs. Rosie Lee Martin, 2551 Louise Avenue, Knoxville, also a Y-12er; a daughter, Mrs. Nancy Traylor and two grandchildren, Detroit, Michigan; a brother, Aulton T. Martin, South Pittsburg, Tennessee.

Mr. Martin attended the J. B. Smith College, Charlotte, North Carolina, and was employed by Stone and Webster here, and worked in Chattanooga and Middle Tennessee before coming to Y-12 in June of 1944. He was a Mason.

Funeral services were held Monday, November 7, at 1:30 p.m. at the Reed Chapel, Knoxville, with the Reverend W. T. Crutcher officiating. Burial followed in the Crestview Cemetery.

Sincere sympathy is extended Mrs. Martin and other members of the family.



Two car pool members wanted from Norwood, Victor Drive section, to any portal, straight day. C. A. Crutchfield, home phone Knoxville 689-9946.

Riders wanted or will join car pool from vicinity of Senators Club, Knoxville, Alcoa Highway section, to North Portal, straight day. A. W. Maxey, plant phone 3-7030, home phone 577-7432.

## VPI's Sun Chang Is Theronuclear Guest

Professor Tien Sun Chang, Virginia Polytechnic Institute, Blacksburg, Virginia, will be the guest lecturer at this week's Theronuclear Division seminar. His subject will be "Hydromagnetic Stability of Rotating Flow."

The seminar is set for tomorrow, Thursday, November 17, at 9 a.m. in the TD Conference Room, Building 9201-2.

You'll tie your back in a painful knot if you life with a stoop instead of a squat.



The days of November grow short . . . but not too short. More Y-12ers cross important landmarks with Union Carbide Corporation. Congratulations.

### 20 YEARS

**Taylor S. Arnold**, Chemical Services, November 17.

**Clyde W. Schaffer**, Dispatching Department, November 19.

**Jess Johnson**, Area Five Maintenance, November 22.

### 15 YEARS

**Lon W. McNeil**, Electrical Department, November 16.

**Irvin G. Speas**, Engineering Division, November 19.

**Glenn H. Barton**, Special Services, November 19.

**Clade Allmon Jr.**, Stores Department, November 19.

**Elmo P. Taylor**, A-2 Shops, 9212, November 19.

**James F. Brown**, Casting Department, November 20.

**Mendel Maskewitz**, Research Services, November 20.

**Olen C. Hutchinson**, Beta Two Ship, November 21.

**Helen H. Long**, Electrical Department, November 21.

### 10 YEARS

**Charles C. Niemeier**, Buildings, Grounds and Maintenance Shops, November 12.



*Katy Kutkost*

SEZ:

### JUNIOR BLOCKBUSTER REVEALED.

It's very pleasurable to read the Sunday sports page when your team wins the Saturday game. Not only is every word read, it's spelled. Every statement is soaked up and savored.

We got the same feeling two weeks ago reading the front page article on the automatic tool setter developed at Y-12. This is the little jewel developed by Ed Pipes, Charlie Moulton, Kermit Reedy of Electrical Maintenance and Development's J. B. Richards, which eliminates machinist's neurosis caused by fear of cutting tool misalignment. (Eliminating neuroses is almost as good as a green sheet!)

And the best part of all this is after one year it pays for itself in tool changing, time savings. Let's see, with 15 going in that's \$75,000/year in the bank . . . and that doesn't include savings from less part failures.

Indeed, a very good score.

## Mechanical Engineers Set Ladies' Night

The Oak Ridge Sub-Section of the American Society of Mechanical Engineers is having a Ladies' Night Banquet, tomorrow, Thursday, November 17, at the Oak Ridge Country Club.

Willard Yarbrough, Knoxville News-Sentinel columnist, will speak on "Our Living Past." Yarbrough is a newspaper veteran of some 30 years and has covered stories of all types on the American and European scenes. He was once the Democrat nominee for Congress from the Second District and is currently a roving correspondent covering East Tennessee and bordering states.

The public is invited to attend and reservations may be made through Lee Haack, Oak Ridge telephone 483-0586.



MARY CUSMAN, SECRETARY to the Plant Superintendent presided at recent Bosses Night festivities presented by the Oak Ridge Chapter of the National Secretaries' Association. Highlight of the evening was the naming of Mary's boss . . . as Boss Of The Year. At the banquet table, from left, are Mabel Tyer, local president; H. G. P. Snyder, Superintendent Industrial Relations and Mrs. Snyder. Mr. and Mrs. Roger F. Hibbs, Mr. and Mrs. Clark E. Center, and Mr. and Mrs. E. C. Kirstowsky, Mari-grace was chairman of the boss-of-the-year selection committee.

## R. F. Hibbs, Y-12 Plant Superintendent, Named Boss Of The Year By Secretaries

The Oak Ridge Chapter of the National Secretaries Association honored Y-12's Plant Superintendent recently, as Roger F. Hibbs was named "Boss-of-the-Year." The 13th annual bosses' night was held at the Dean Hill Country Club, Knoxville, Saturday, November 5.

Bosses' Night is designed by NSA to entertain and honor the most important half of the boss-secretary team . . . and to bestow the coveted title on one of the outstanding bosses. A special committee takes into consideration the accomplishments and general standing of the boss in his profession and community, in addition to his personal attributes. His support of the secretaries' group and its activities, together with his secretary's contributions to NSA's programs, its educational pursuits and the elevation of secretaryship as a profession, are also weighed in the judging.

Mary Cusman, secretary to the plant superintendent, acted as Bosses' Night chairman, presiding at the banquet ceremonies.

### Y-12er Is President

Rebecca Rickman, past state chairman of NSA, made a brief resume of the group's accomplishments, substituting for Mabel Tyer, local president, who could not give her report due to hoarseness. Mabel is secretary to the Industrial Relations superintendent in Y-12, and has been local president for the past two years.

Hibbs was presented a certificate and a statuette by out-going Boss-of-the-Year Clark E. Center, Center, Vice President of the Nuclear Division of Union Carbide Corporation, was so honored last year.

### Hibbs Biography

Superintendent Hibbs, a native of St. Louis, Missouri, joined the Manhattan Project in June, 1943, and was assigned to Rochester, New York, by the Tennessee Eastman Corporation. He transferred to Y-12 in October of that year and helped organize the analytical laboratory in Y-12. From then until 1952 he held various supervisory positions in the Isotopic Analysis Laboratory, becoming its superintendent. In 1952 he was appointed head of the Y-12 Laboratory Division, and in 1954 was named superintendent of the Chemical Division. From 1958 until 1962 he served as Technical Division Superintendent, and was made Y-12 Plant



A CERTIFICATE AND STATUETTE make Roger F. Hibbs "Boss of the Year." Mary Cusman, his secretary, holds the certificate and the Oscar is held by the plant superintendent. The National Secretaries Association, Oak Ridge Chapter, chose Hibbs as the boss of the year in their annual bosses' night activities held at Deane Hill Country Club, Knoxville.

Superintendent October 1, 1962.

Mrs. Hibbs is the former Mary Jane Aland, and the Hibbs' residence is at 502 Michigan Avenue, Oak Ridge.

Al Carpenter entertained the bosses and their secretaries at the festivities with his ballads.

### Honored Guests

Special guests were R. G. Jordan, Oak Ridge Gaseous Diffusion Plant Superintendent, and Mrs. Jordan; H. G. MacPherson, deputy director, Oak Ridge National Laboratory; Thomas Yount, president, Oak Ridge Technical Enterprises Corporation, and Mrs. Yount; and Mayor and Mrs. A. K. Bissell.

The National Secretaries As-

sociation, through its educational and scholarship programs, seeks to elevate the standards of the secretary to a professional level. Many Y-12 secretaries are active in the local group.

## Michigan's Kane Is Physics Seminar Guest

J. V. Kane, Michigan State University, will conduct this week's Physics Division Seminar. His subject will be "A General Purpose Interface between Experiments and Computers."

The seminar is set for Friday, November 18, at 3:15 p.m., in the East Auditorium of ORNL's 4500 building.



**PRIZE WINNERS AT E, F, G, H, and J Shifts big game night show off their loot in the above photographs. The Shifters plan another such party in early February in Oak Ridge.**

### Shifters Enjoy Fun Night In Green Room; Next Function Set In February

Game Night proved to be a fairly successful event in spite of a rainy evening, according to E, F, G, H and J Shifters. About an even hundred came to the Green Room Saturday, November 5, for the big event. Awards were distributed fairly even, but a really hot guest made an appearance as the Jack Spears' took four prizes (he took three, Mrs. Spears took one). All other winners were

single ones, that is they only took one.

This party wound up affairs for the Alphabet Soup Group for the year . . . so that shiftmen may be able to concentrate on the approaching holidays.

Another event such as Saturday's game night is planned for February 4, same time, same station.

You'uns come.

### Badgers Lengthen C Alley Lead

The Badgers bounced into a longer lead of C Bowlers last week by taking three points from the Royal Flush. Four-point wins went to the Rodders over the Sunflowers and the Parbusters past the Strikers.

The Big Five grabbed three from the Rounders, as did the Fireballs from the HiLifers. The Rollmasters rolled past the Invalids by the same score.

J. B. Fincher, Strikers, struck very high on single's boards . . . 234 scratch, 257 handicap! C. R. Lively, Fireballs, struck high series with 570 scratch, 666 handicap.

The Rodders rammed through with high singles . . . 868 scratch, 1027 handicap. In series highs, it was the Sunflowers in scratch count 2499 and the Rodders back with 2972 in handicap series.

League standings follow:

Team	W	L
Badgers	26	10
Rounders	23½	12½
Sunflowers	22	14
Big Five	20	16
Rodders	19	17
Strikers	18	18
Fireballs	17½	18½
Rollmasters	15	21
Parbusters	15	21
HiLifers	15	21
Royal Flush	14	22
Invalids	11	25

### Rollers Roll Hi In Mixed League

The Rollers rolled out in front by a thin margin of one point in the Mixed League last week, bowling past the Novices for three full points. The Roses 'N Thorns, close behind, shared two points with the Mustangs. Three points also went to the Alley Cats over the Hits & Misses and the Twisters over the Goofers.

C. R. Lively, Rollers, rolled hot, to take all honors . . . singles of 265 scratch, 275 handicap! His high series were 616 scratch, 673 handicap!

Dixie Stinnett, Twisters, rolled singles highs, scratch 183, handicap 236 . . . while Barbara Hackett, Roses 'N Thorns, rolled a 462 scratch series. Elinor Charpie, Alley Cats, mustered a 625 handicap series.

The Roses 'N Thorns aced high on singles . . . 685 scratch, 832 handicap . . . while the Rollers rolled high series of 1889 scratch, 2326 handicap.

League standings follow:

Team	W	L
Rollers	24½	15½
Roses 'N Thorns	23½	16½
Mustangs	22	18
Novices	21	19
Alley Cats	21	19
Twisters	20	20
Goofers	17½	22½
Hits & Misses	10½	29½

### Tigers Take Lead In Classic Alleys

The Classic Bowling League got a new leader last week as the Tigers tore into first place, by winning four points at the expense of the Screwballs. Other sweeps went to the Swingsters past the Smelters and the Rippers over the Eightballs.

Big three point wins went to the Markers over the Bumpers, the All Stars past the Eagles, the Cubs 'round the Playboys, the Rebels over the Has Beens and the Wasps better than the Splinters.

Wayne Groppe, Rippers, rolled a high single of 221 scratch. His series of 582 scratch was high also. Tom Pappas, All Stars, posted a 244 handicap single . . . while D. Phillippi, Swingsters, scored a 662 handicap series.

The Bumpers and Tigers shared singles . . . the Bumpers high in scratch with 914 and the Tigers high in handicap with 1028. The Swingsters swung into series highs with 2624 scratch, 2943 handicap.

League standings follow:

Team	W	L
Tigers	26	14
Bumpers	25	15
Markers	24	16
Swingsters	24	16
Rippers	24	16
All Stars	22	18
Smelters	21½	18½
Cubs	20½	19½
Has Beens	20	20
Rebels	20	20
Wasps	19	21
Screwballs	18	22
Eightballs	17	23
Playboys	15	25
Splinters	14	26
Eagles	10	30

### Brewer And Motley Table Tennis Tops

Gordon Brewer and Bill Motley continue dominating the Table Tennis Leagues, after last week's action.

In the Y League, Brewer downed Joe Lewin for three, Al Norris for two. Norris defeated Stanley Cantor for three full points. Ed Gambill pulled three from F. Kertesz, Ellis O'Rourke and two from Cantor.

In the X League, Motley defeated Ernest Schonfeld and Subba Raman for the full count.

Y League standings:

Player	W	L
Gordon Brewer, Y-12	14	1
Ram Uppuluri, ORNL	13	2
Al Norris, Y-12	11	4
Ed Gambill, Y-12	9	3
Fred Shull, ORNL	8	4
Stanley Cantor, ORNL	5	10
Joe Lewin, ORNL	5	10
Art Weinberger, ORNL	7	11
F. Kertesz, ORNL	0	15
Ellis O'Rourke, Y-12	0	15

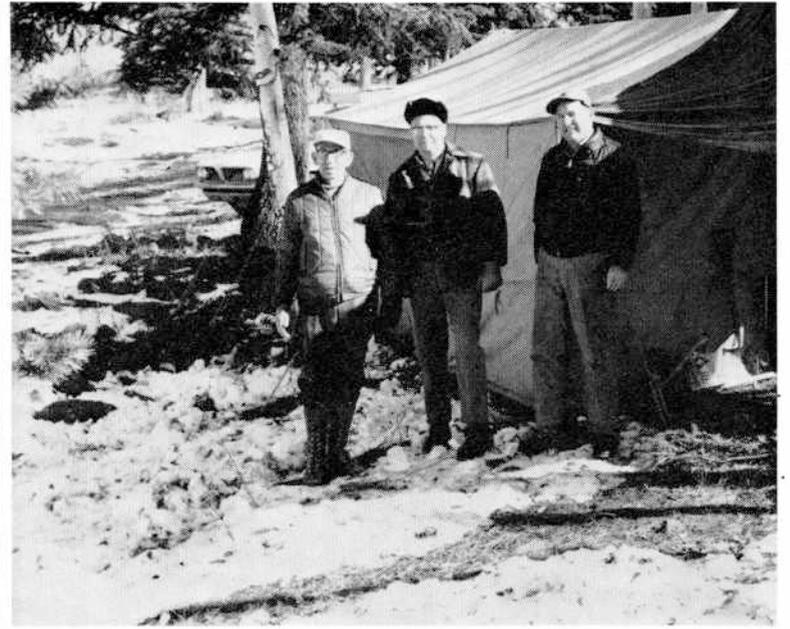
X League standings:

Player	W	L
William Motley, Y-12	15	0
Herb Mook, ORNL	9	3
John Stockdale, ORNL	9	3
Roy Huddleston, Y-12	8	1
Subba Raman, ORNL	6	6
Bob Bernard, ORNL	6	9
Ralph Einstein, ORNL	4	5
Ernest Schonfeld, ORNL	3	12
Henry Nicholson, ORNL	3	12

### Hardwood Sports Set For Opening Soon

Basketball and volleyball will not begin next week as was originally planned. Due to the Thanksgiving holiday, play has been rescheduled to begin next Monday, November 28.

Further details will be announced in next week's Bulletin.



**SNOWBOUND IN THE FAR ROCKIES** are these Y-12ers . . . Paul Bass, C. C. Dinkins and Ed Owings. The trio, along with Dinks' uncle, went on a deer hunt early in October in Colorado, and an early snow-storm descended on them.



**A GIANT BUCK, 10 POINTS**, as a matter of fact, was brought down by Paul Bass . . . as the Y-12 threesome took six deer and one elk on a jaunt west. Venison, anyone?

### Owings, Bass And Dinkins Hunt Deer In Snowstorm During Colorado Trek

Eagle, Colorado, was the scene. As three Y-12ers trekked to the far west for a deer hunt, along with a fourth for bridge, the early season snows came. This did not deter our valiant crowd in the slightest.

A total of six deer and one elk came back . . . and one of the deers was almost a record, too . . . a 10-point buck, an old one, Paul Bass says.

The trio, Paul Bass, Production Scheduling; Ed Owings, SS Control; and C. C. Dinkins, H-1 Foundry, together with Dinkins' uncle Harvey Dinkins, agrees that early

October is much too early for a deep snow. Colorado, however, does not agree.

The foursome pitched tent in the wilds of the Rockies to forage for deer and elk. They have some wild tales to relate, also, about the rugged terrain, the freezing winds, and the "big ones that got away."

### Recreation



**Monday, November 21**  
BOWLING: 5:45 p.m., C League, Ark Lanes.

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

**Tuesday, November 22**  
PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

**Wednesday, November 23**  
SMALLBORE RIFLE LEAGUE: 7 p.m., Clinton Indoor Range.

**Thursday, November 24**  
THANKSGIVING DAY: Holiday for Y-12ers.

### OLD DOG—OLD TRICKS

Student: "It says here that if a man studies hard, doesn't drink or smoke or run around with girls, he'll live longer. Is this true?"

Old Teacher: "We'll never know, son, 'til somebody gives it a try."

### Y-12 22ers Slip Again In Firing

The Y-12 team slipped again in the ninth firing of the smallbore rifle group recently, dropping under total scoring for the other two teams. Handicap scores were: Y-12, 1444.329; X-10, 1453.407; Independents, 1453.371. Scratch totals were: Y-12, 1402; X-10, 1433; Independents, 1431.

Bert Searles led the Y-12 squad in both scratch and handicap scoring . . . 290 and 293.105. B. L. Powers followed in scratch count with 287, J. L. Huff scored 277. Handicap seconds went to W. D. Phillippi with 288.969, and Power with 288.733.

League standings follow:

Team	Points
X-10	42
Y-12	28
Independents	26



**UNION CARBIDE CORPORATION**  
**NUCLEAR DIVISION**  
 P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

(RETURN REQUESTED)

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

## Y-12 Plant Hosts Traffic Conference

Y-12 is hosting a meeting this week for the United States Atomic Energy Commission Joint Traffic Management Conference. The conference began yesterday, Tuesday, November 15.

Aims and objectives of the AEC's Traffic Conference may be defined as provision of a means for the industry traffic managers who are directly involved in the movement of materials between installations, or all major operation areas, to discuss traffic management problems of general and mutual interest in a direct and informal manner. Opportunity is also afforded to discuss problems between two or more installations, with the benefit of advice of others who may contribute materially to the resolution of existing problems.

Personnel visiting at the conference include A. A. Anselmo, Idaho Nuclear Corporation, Idaho Falls, Idaho; R. J. Barton, Mason & Hanger-Silas Mason Company, Amarillo, Texas; Claude Brock, National Lead of Ohio, Cincinnati; G. B. Brooks, Oak Ridge Gaseous Diffusion Plant; George M. Chraft, Reynolds Electrical and Engineering Company, Las Vegas, Nevada; E. K. Yates, Paducah Gaseous Diffusion Plant; J. H. Harrison, National Lead Company, Cincinnati; Arthur F. Heitkamp, Monsanto Research Corporation, Miamisburg, Ohio; J. B. Henson, Oak Ridge National Laboratory; Richard N. Hill, Brookhaven National Laboratory, Upton, New York; Charles F. Hof, Atomics International, Canoga Park, California; D. A. Knapp, General Electric Company, Richland, Washington; R. E. Miller, Bendix Aviation Corporation, Kansas City, Missouri; Claude Noel, Mason & Manger, Burlington, Iowa; Horace E. Noyes, Los Alamos Scientific Laboratory; Los Alamos, New Mexico; J. J. Onderko, Edgerton, Germeshausen & Grier, Inc., Las Vegas, Nevada; W. F. Romine, Dow Chemical Company, Golden, Colorado; Howard F. Shea, Edgerton, Germeshausen & Grier, Inc., Bedford, Massachusetts; W. R. Simpson, Goodyear Atomic Corporation, Piketon, Ohio; and C. C. Wise, Lawrence Radiation Laboratory, Berkeley, California.

Attending the conference from Y-12 will be J. K. Cox and E. E. Goode, both of the Traffic Department. The conference will end this afternoon after an ORNL tour for the group.

### WITH THESE HANDS

With these hands I thee injure! Six of our lost-time accidents in Y-12 this year have been hand and finger injuries . . . five resulting in actual amputation of finger or fingers. First consider how important the hands are to our job and livelihood. Secondly, handle with care. Save our hands for the vital job that lies before us.



Mrs. Thomas Edwin Diener

### DIENER — MATLOCK

Many Y-12ers attended the Saturday, November 12, marriage of Miss Patricia Ann Matlock to Lieutenant Thomas Edwin Diener. The marriage took place at high noon at St. Mary's Catholic Church, with the Reverend Luzerne A. Schnupp officiating.

The bride is the daughter of Mr. and Mrs. O. D. Matlock, 114 West Iona Circle, Oak Ridge. Her father is in the Thermonuclear Division here, and her mother is in Biology. The groom is the son of Mrs. Fred P. Diener, 1112 S.W. 13th Street, Boca Raton, Florida.

Given in marriage by her father, Mrs. Diener wore a gown of pale ivory silk peau de soie designed with an empire bodice overlaid with re-embroidered Alencon lace beaded with seed pearls and crystals. The long monk sleeves featured the beaded lace banding the edge. The A line skirt flowed into a full chapel length train. An open circle of silk with a front cluster of hand clipped lace and silk rosebuds held a cathedral length veil of silk illusion. She carried a bouquet of white rosebuds and lilies of the valley.

Attendants to the bride were Mrs. Robert T. Santoro, matron of honor; while Major John P. Diener served the groom as best man. Ushers were Donald A. Matlock, brother of the bride,



**SAFEST OF THE SAFE** is the label for this group of Fabrication Division employees. In the front row, from left, are T. W. Compton Jr., R. F. Long, C. B. Wilson, J. B. Brabson, H. Trivett, S. V. Shepherd and W. C. Slagle. In the back row are C. R. Cary, W. B. Redmon, J. M. Nevils, N. H. Wise, D. S. Scott, B. R. Cabage, G. L. Tate and E. M. Hunnicutt. Absent from the picture are A. M. Maples, C. D. Ward, Sr., E. B. Seeber, O. T. McDaniel Jr., E. P. Taylor and L. G. Lankford. The group was recently honored for their sterling attendance and safety performance, both on and off the job.

## Fabrication Honors Safe Performances

The "safest of the safe" 21, of the Fabrication Division, achieved a remarkable safety and attendance record. During the period July 1, 1962 through September 30, 1966, these men were continuously employed here, had no on-the-job injuries and were not absent from work due to illness or off-the-job accidents or injuries.

Approximately 1,000 men and women in the entire division were surveyed, and these 21 employees were found to have sterling records.

The employees included C. R. Cary, W. B. Redmon, J. M. Nevils, N. H. Wise, D. S. Scott, B. R. Cabage, G. L. Tate, E. M. Hunnicutt, T. W. Compton Jr., R. F. Long, C. B. Wilson, J. B. Brabson, H. Trivett, S. V. Shepherd, W. C. Slagle, A. M. Maples, C. D. Ward Sr., E. B. Seeber, O. T. McDaniel Jr., E. P. Taylor and L. G. Lankford.

Personal recognition of safety performance brought special awards and commendations to the group of Fabrication employees.

The performance by the 21 employees could very well be a standard the rest of the plant could emulate. Congratulations.

Brownsville, Tennessee; and Thomas Sintef, Willingsboro, New Jersey.

Mrs. Diener is a former Y-12er herself, having been in Production Control. She is a graduate of East Tennessee State University, and is employed in the Bureau of Children's Services, Mt. Holly, New Jersey.

The groom is a graduate of St. Lawrence University, Canton, New York, and is presently a lieutenant in the Supply Corps of the U.S. Navy.

After a honeymoon in San Juan, Puerto Rico and St. Thomas, Virgin Islands, the couple will be at home at 408 Millside Manor Apartments, Delran, New Jersey.

### SOFT-AS-A-WHISPER

A new nylon monofilament is replacing soft animal hair in cosmetic and other fine brushes that must be soft as a whisper.



**F. V. TILSON, GENERAL MACHINE SHOPS**, presents S. V. Shepherd a special safety award with other Fabrication men receiving recognition. From left, are R. F. Long, T. W. Compton and H. Trivett.

## Silicone Division's Products Are Varied

The products of Union Carbide's Silicone Division are made principally from silicone metal produced by the Mining and Metals Division and organic chemical raw materials from the Chemicals Division. They consist of oils, elastomers, resins, and chemicals with unique properties that make them ideal for use in a broad range of civilian and military applications. The Division's silicones are used, for example, in formulating cosmetics, toiletries, and household consumer products, and in the production and finishing of fibers and fabrics. They are also used in the manufacture of foam for cushioning used in furniture, bedding, and automobiles, and in making such varied products as tires, paint, insulated electrical cable, and electronic devices.

### FAVORABLE ODDS

Once a King condemned one of his subjects to die. The wretch proposed and the King agreed to call off the execution if, within a year, the condemned man could teach the king's horse to fly.

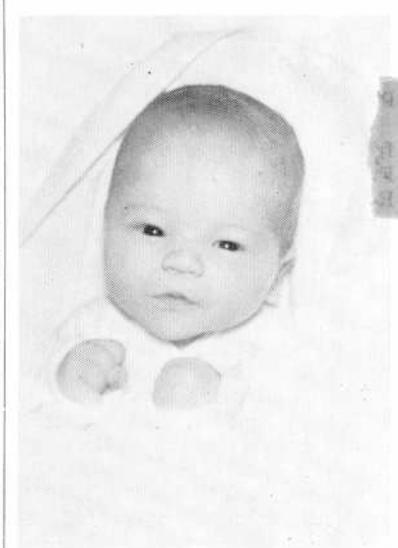
"Why postpone the inevitable?" a friend asked the condemned.

"Actually the odds are four to one in my favor," replied the jailed person. "First, the King himself might die within the year;

I might die; the horse might die; or I might actually teach the beast to fly."

### KNOWLEDGE FOR SALE

Classified ad: "For sale. Complete set of encyclopedias, atlas, almanacs. Never used. Teen-age son knows everything."



**IN THIS CORNER**, at nine pounds, six ounces, age one day is Scott Tyler (Tiger) Hilton, Coffman Drive, Knoxville, the son of Mr. and Mrs. Carl Hilton Jr. Scott, born September 28, is the grandson of George F. McPherson, Guard Department.