

CARBIDE Y-12

Spring Dance

OAK TERRACE BALLROOM
MAY 14, 1965
9 P.M. To 1 A.M.

\$1.50 PER PERSON

DOOR PRIZES

JERRY COLLINS ORCHESTRA

Ticket-Seller Reorders For Big May 14 Dance!

An orchid to Mary Thompson, Building 9998! She wasn't even on the ticket-selling list for the big dance May 14 . . . and she sold out already. Her husband Jim Thompson loaned her the tickets . . . and bless Pete, she sold them all. Well, another supply of tickets has gone (this time to Mrs. Thompson) out . . . so folks in 9998 will have someone to buy from.

Have you purchased your ticket yet? They are only \$1.50 per . . . and the door prizes have been selected this time.

Jerry Collins and his orchestra will be on hand Friday week to provide the tuneful background to help Y-12ers usher in the Spring season.

- Ticket sellers include:
- Bobbie Watkins, 9212
 - Elizabeth Kilby, 9764
 - Madeline Keck, 9739
 - Merilyn Barnhill, 9204-2
 - Shirley Humphrys, 9720-8
 - Jo Ann Isham, 9212
 - J. C. Thompson Jr., 9201-1
 - Kathleen Milligan, 9201-1
 - Doris Mathis, 9706-2
 - Daisy Ward, 9995
 - Gene Barnes, 9733-2
 - Dottie Fielder, 9720-6
 - C. M. "Hap" West, 9711-1
 - Frances Donahue, 9734
 - Jeanne Cothron, 9201-5
 - Faye Duncan, 9215
 - J. P. Smith, 9733-3
 - Betty Whitehorn, 9202

- Ella Stansell, 9723-14
- Helen Long, 9723-15
- Jo Walpool, 9204-4
- Mildred Scott, 9706-2
- R. T. Cantrell, 9704-2
- Cafeteria, 9711-5
- E. M. Massey, 9203
- C. E. Gillihan, 9706-1A
- Mary Thompson, 9998

Dancing begins at 9 p.m. on the 14th . . . so make it a date now before something else comes up.

The big Oak Terrace ballroom will be trimmed out in Spring finery . . . and we'll be looking for you at the dance.

Erlangen's Seyboth Leads Physics Seminar

This week's Physics Division seminar is announced as "Mossbauer Effect of ⁶¹Ni Using Coulomb Excitation." Leading the discussion will be Dietrich M. Seyboth, on leave from the University of Erlangen.

The seminar is set for 3:15 p.m., Friday, May 7, in the East Auditorium of Oak Ridge National Laboratory's 4500 building.

ODORLESS OFFSPRING

Fawns are void of any telltale odor but the mother takes on an additional odor to lure away predators which might harm her baby.

Insurance Benefits Increase Greatly

Employees in the three Union Carbide Corporation installations at Oak Ridge last week shared \$122,710 in group insurance dividends. This represents approximately 9 per cent return on the premium payments made by employees in 1964 for group insurance and sickness and accident insurance under the Group Insurance Plan.

In addition to this premium credit, Carbiders and their families received \$1,850,000 from the death benefits and sickness and accident provisions of the Plan. This was \$300,000 more than was paid in 1963, when \$200,000 was returned in premium payments. In 1963 \$1,550,000 was paid in benefits.

Fall Brings On Lost-Time Accident

Y-12 suffered its first disabling injury of 1965 last week. On Tuesday, April 27, a carpenter in Area Five Maintenance fell from a ladder. The fall resulted in a compression fracture of the first lumbar vertebra in the employee's back.

The accident brought to an end the current accident-free period of 4,363,000 man-hours, which began December 2, 1964.

The misuse of ladders and falls have been the causes of painful injuries in the plant. It is highly important that the selection of appropriate ladders and the proper usage be exercised when heights are involved in work.

While the employee only fell about six to eight feet, the concrete floor on which he landed provided the injury. He was hospitalized, and will be off from work for some time.

Let's put the green lights back on at the portals, and leave them on for a long time!

Nondestructive Testing Group Meets Tuesday

The Oak Ridge Section of the Society of Nondestructive Testing will meet next Tuesday, May 11, at the Holiday Inn. The dinner meeting will begin at 6:30 p.m., and the technical meeting will start at 8.

Dr. Hugo L. Libby, Hanford Atomic Products Operations, Richland, Washington will speak on "Eddy Currents."

All members and interested guests are cordially invited to attend. Dinner reservations may be made through K. V. Cook, extension 3-6640.

Directors Approve \$1 Quarterly Dividend

The board of directors of Union Carbide Corporation has declared a quarterly dividend of one dollar per share on the outstanding capital stock of the corporation payable June 1, 1965, to stockholders of record at the close of business May 6, 1965, but before giving effect to the change and split of the shares of capital stock.

The last quarterly dividend was one dollar per share paid March 2, 1965.

New First Quarter Record Set Stockholders Told At Meeting

Higher Profit Margins, Improved Efficiency, Tax Credits Result In Increased Earnings

Union Carbide's results for the first quarter of 1965 indicate that the corporation is "off to a very good start," Birny Mason Jr., president, told stockholders last week. He reported that the first three months of 1965 sales were \$483,780,000, an increase of 16 per cent over the previous first-quarter record of \$417,455,000 set last year. Net income was \$51,776,000, or \$1.72 a share, also setting a new first-quarter record. This was 27 per cent above the \$40,617,000, or \$1.35 a share, earned in the first three months last year.

President Mason stated that the overall improvement in all phases of Union Carbide's operations made it possible to take actions contemplated for some time. He referred in particular to the recent increase in the quarterly dividend (from 90 cents to \$1 a share) and the two-for-one stock split, which was acted upon favorably at the meeting.

In recent years, Mason continued, Union Carbide has had considerable difficulty in raising its earnings despite a steady increase in total sales volume, primarily because of persistent erosion in the level of its product prices. However, higher profit margins have now been achieved through programs to reduce costs and improve efficiency. These factors, coupled with a strong sales volume and tax credits, have resulted in the marked increase in earnings.

Importance Of Technology

The growing magnitude and complexity of Union Carbide's business was described to stockholders by Kenneth Rush, an executive vice president of the corporation. It was pointed out that in today's intensely competitive industrial climate, the corporation's continued successful existence and future growth depend in substantial measure upon its ability to understand, utilize, and control the technology that underlies its highly diversified operations. Union Carbide's annual expenditures for research and development have more than doubled since 1954. Both sales and earnings have also doubled, and construction expenditures have increased about two and one-half times. In 1964, \$271 million was invested in new facilities, and more than that is expected to be spent this year.

The corporation's huge new petrochemicals complex at Taft, Louisiana, was cited as an example of projected major expansion.

It was stated that as soon as certain governmental decisions concerning raw material sources are favorably resolved, Union Carbide expects to build facilities at this location costing over \$100,000,000 in the initial stages of construction, and that this plant would doubtless grow rapidly in size in future years. Total expenditures for chemicals and plastics plants alone in 1965 will be over \$200,000,000.

Just as Union Carbide's expanded capital programs indicate the growing magnitude of its business, so do the size of the facilities now being built and the



Birny Mason Jr.
Union Carbide President

magnitude of the markets being served. Just a few years ago, for example, a polyethylene plant was thought of in terms of a capacity of 50 million pounds a year, while today it is 200 million pounds. It was mentioned that the corporation's sales of polyethylene in the worldwide market last year were over one billion pounds, over seven times more than what they were 10 years ago!

In connection with overseas operations, it was reported that Union Carbide either owns or is affiliated with over 50 overseas operating companies, with assets totaling about \$500 million. In 1964, these companies spent \$33 million on new facilities, chiefly to provide additional capacity for chemicals, plastics, and consumer products. In regard to the government's concern over the balance of payments problem, it was pointed out that Union Carbide has always had a favorable balance. In 1963, it amounted to \$75 million, and in 1964 to over \$135 million.

QUO VADIS?

"Every cradle asks us, 'Whence?' and every coffin, 'Whither?'" The poor barbarian, weeping above his dead, can answer these questions as intelligently as the robed priest of the most authentic creed. . . . Ingersoll.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated Five Days Or 130,000 Man-Hours (Unofficial Estimate) Without A Disabling Injury Through May 2 Phone 3-7755 For Daily Report On Accident-Free Hours

The Bulletin Lawnmower Becomes Menace At Home Increasing Accidents

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



NUCLEAR DIVISION

JAMES A. YOUNGEditor



OFFICE Post Office Box Y Oak Ridge, Tenn. 37831 Bldg. 9704-2 Room 137 Telephone 3-7100

Milt Carey Heads Playhouse Drive

The Oak Ridge Playhouse has opened its 1965-66 membership drive. The efforts will be under the direction of Milt Carey, Membership Chairman. Carey is in Y-12's Production Control. Brochures containing Playhouse information and membership cards are available at the Box Office this week . . . through the final performance of "The Taming of the Shrew." Sunday night, May 9. They may be also obtained from Carey or Mrs. Paul Ebert, or by writing directly to the Playhouse on Jackson Square.



Next season includes something for everybody . . . with the musical everyone liked, "The Music Man," a comedy about the Army, missiles, ESP and love, entitled "Roman Candle;" "The Lark," a direct and fresh version of Joan of Arc; "Reclining Figure," a funny view of artists, art dealers and art buyers; and an original drama by Robert Anderson, "The Days Between." The Studio Theatre production next year will be "Don Juan in Hell." Other readings will be announced.

Playhouse patronships, regular membership and convenience cards are all available. Student prices are offered for the latter two categories. Studio Theatre productions are open to all members free of charge.

POINT OF VIEW It is said that bachelors have nicer living areas than married men. Married men have better halves . . . then single men have better quarters!

Know when to zip your lip.

While a power lawnmower may look harmless, it can be the most dangerous piece of machinery around the house. While open toed shoes may be the style (or are they?) nobody wants to lose his hallux in the process. (The



WITH ALL STICKS, paper and debris moved, Dean is now ready to cut the grass. Power mowers with their increasing popularity are bringing on more and more off-the-job accidents.



May flowers bring more anniversaries to Y-12ers, celebrating important dates with Union Carbide Corporation. Congratulations.

- 20 YEARS
Debora W. Hubbs, Production Analysis, May 8.
- Kenneth S. Fugate, Chemical Services, May 10.
- J. R. Robinette, Stores Department, May 11.
- 15 YEARS
William H. Moses, Research Services, May 8.
- Walter A. Rutherford, General Metal Fabrication Shop, May 9.
- 10 YEARS
Ralph R. Moore, General Metal Fabrication Shop, May 9.
- William L. R. Scruggs, General Weld Shop, May 9.

Arts Calendar
 May 7, 8, 9—DRAMA — "The Taming of the Shrew," Oak Ridge Playhouse, 8:20 p.m. (8 p.m. on Sunday)
 May 9—COSMOPOLITAN CLUB — Potluck Supper, 7 p.m., Chapel-on-the-Hill. Everyone invited.

hallux is the big toe and the most frequently injured part in power lawn mower accidents.) The National Safety Council has outlined some 'rules of the road' in trimming the turf, and scattering that wild-onion smell all over the neighborhood.

For instance, • Allow expansion space when filling the fuel tank. The sun's heat can cause gasoline to expand and if it spills fire can occur. **Never refill when the engine is hot.** Always fill or refill the engine out-of-doors.

• Never store gasoline in glass jugs or jars; use approved safety cans, metal cans, or plastic containers specifically designed for this purpose.

• Wear safety shoes to avoid foot injuries.

• When starting your mower, stand firmly and make sure your feet are well away from any whirling parts.

• Know how to disengage the clutch or stop the engine quickly.

• Remove all stones, sticks, wire, or other debris from the mowing area.

• Never allow inexperienced persons or children to operate the mower.

• Keep all bystanders and pets away from the mowing area.

• Keep in step with your mower for good control. Don't lag behind or let the mower pull you.

• Always cut hills and banks sideways, not up-and-down. In this way, if you should lose control the chances of your feet sliding under the mower or having it roll back toward you are greatly reduced.

• If using a riding-type mower, avoid steep inclines or dips in the lawn that might cause the mower to tip.

• Disconnect the spark plug wire or electric cord whenever adjusting or working on your mower, especially the under-side. Never reach under the deck or touch any moving parts while the mower is running, and never attempt to remove any object from the mower until the motor is completely stopped.

• When using an electric power mower, be certain the entire mower and power cord are in perfect condition. Be sure the motor and other metal parts are properly and completely grounded.

• Never use a power mower when the grass is wet.

Extreme respect must be given those newest of 'man-made monsters!' Painful injury and even death can result from the careless use of the power mower. Remember, they are created to cut grass . . . not flesh, bone and marrow. But they can unless you watch it!



"LET THE MOTOR COOL before you re-fill with gas," says Bill W. Dean, H-2 and F Area Shops. Note the approved gasoline container Dean is using also, at his 769 West Outer Drive, Oak Ridge, home.

Let's Take Y-12's Safety Philosophy Home With Us

The entire month of May is being used in Safety Meetings throughout Y-12 to try to cut down on off-the-job accidents. Our safety record here in the plant has long been a source of pride to us all.

Last week, Y-12 suffered its first lost-time accident of this year. The toll isn't in yet on how many man-hours have been lost due to accidents at home and on the highways.



J. M. Case

But the grim statistics mount each year. There is a solution to this, however. We as employees can take home the same safety philosophy used so well in our work. If it works in the plant, it will work at home, too.

Now with summer days upon us, our activities will increase. We will be on the roads more . . . in the water more . . . and up to more during our waking hours. It is to our own advantage to think before we act. Thoughtlessness eliminated means accidents eliminated.

Sure, the lawn needs mowing, the garden needs working, and the kids want a Saturday afternoon on the lake. But we owe more to them than a summer afternoon cruise. We owe them

health and security, brought about only if we are capable of giving it.

As Y-12 redoubles its efforts to reduce off-the-job accidents, let's 'take it easy' at play or at those 'off-the-job' chores that have to be done.

It is a distressing fact to leave the gate every night and suddenly realize how much greater the odds on our being injured have become . . . just by merely going home!

J. M. Case
Assistant Plant Supt.

Stockholders Break Record In Annual Meet

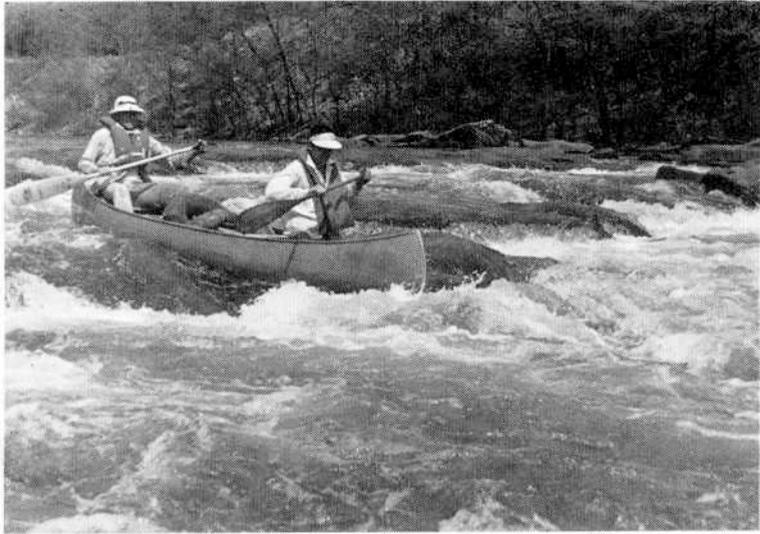
Over 950 stockholders attended the April 22 annual meeting of Union Carbide Corporation. The stock split was approved and the amendments to the non-contributory pension plan for employees and a new incentive compensation program were approved. There were 26,034,411 shares voted at the annual meeting held in New York City. This represented 86.29 per cent of the total outstanding shares of the corporation—the largest percentage ever voted at an annual meeting.

LIGHT GREY MATTER

Brain cells used in a single mental effort in a human have a weight of not more than one-quarter of one ounce.



MORE THAN 120 STRONG, friends of Sunny Richardson gathered at the Elks Club April 23 to bid farewell to the old-time Safety Man. In panel one, from the left, are E. G.'s working compatriots in Safety, C. E. Johnson, B. I. V. Bailey, the honoree, J. E. Temple, and L. M. Lawhorn. In panel two, John P. Murray, former plant superintendent, now with the Stellite Division, Kokomo, exchanges some remembrances at the party. In panel three a random shot of the happy diners is seen . . . and in panel four Safety Head Clarence Johnson pays tribute to the retiring Richardson. A happy event, indeed . . . paying tribute to Sunny.



ROARING DOWN THE EMORY RIVER are Bill Nelson and Jerry Cosgrove. There is a place to canoe in this area . . . in fact, many of them. The East Tennessee White Water Club enjoys canoeing, but believes it should be done safely.

Whitewater Club To Present Film

Just plain fun and healthy exercise. That's what the East Tennessee Whitewater Club in Oak Ridge thinks of canoeing. Considered dangerous by the public, and it is if the craft is not operated properly, canoeing can be an invigorating sport. To be skilled one must be instructed in the proper techniques of the sport and for this purpose the ETWWC is planning a get together next week.

The ETWWC, an affiliate member of the American Whitewater Affiliation, will show an AWA color training film this Friday, May 7, at 7:30 p.m. at Jefferson Junior High School.

Up until now, such a film was not available anywhere in the world. Therefore, it is a very unique product and should be seen by any person or group that explores our waterways by canoe. The actors and actresses in the film are all members of the AWA and have proven their skills in the rugged wilderness streams in remote areas of our country and in competition at the world-championship white-water races in Europe.

In addition to the canoe training film, the ETWWC will show a 16mm color film of an actual canoe trip down a wilderness river and a film taken at the 1963 World Championships in white-water racing at Spittal, Austria.

All in all this show should give all interested a fine evening of entertainment and instruction.

Y-12 Rifle Team Improves Firings

Y-12 improved its firing in the eighth match of the Rifle League . . . as the team equalled X-10's five points. The handicap scores were: Y-12, 1450.420; X-10, 1441.754; Independents, 581.260. In scratch firings the teams came out with: Y-12: 1420; X-10: 1429; Independents: 579.

Jack Huff led Y-12ers in both scratch and handicap counting, firing a 291 scratch, 291.502 handicap total. Mike Jamison was second in handicap firing with a 290.013. Dave DeWalt finished second scratchwise with a 286.

Team standings follow:

Team	Points
X-10	35
Y-12	22
Independents	15

DUNCE STOOL

By a strange twist, the name of a theologian and philosopher of the 13th century, John Duns Scotus has come to mean "simpleton." His critical contemporaries derogatorily called his followers Dunses, who later became known as dunces.

Admission is free and the host, ETWWC, welcomes all interested to this show Friday, May 7, at 7:30 p.m.

Additional information on the show or the club may be obtained from Richard Reed, president, extension 3-1801, home phone Oak Ridge 483-3458; or John Bombay, trainer, 3-1331, or 483-8146.

'Play Ball' Cry Goes Out Next Week

18 Big Teams Gear For Summer Play

The Carbide Slo Pitch League for 1965 is set to go. The 18-team-strong competition begins next Monday, May 12, and continues on Tuesdays and Thursdays throughout the good ole summertime. A total of six Y-12 teams are in there, two from Oak Ridge Gaseous Diffusion Plant, and 10 from Oak Ridge National Laboratory.

Play this year will take place at Oakwood Park, just directly behind Pinewood (where the league played last year). Schedules are already in the hands of managers . . . so all that's left is for somebody to holler "Play ball!"

The teams and managers, and assistant managers (if there is one) follows:

BAT BOYS, Y-12. B. C. Sims, Romeo Green.

TEDS, Y-12. Don Stinnett, Harley Law.

EAGLES, Y-12. Tom Watts, John Pridgeon.

K-25 Instruments, K-25. J. L. Howard, F. E. Duncan.

BRAVES, Y-12. Wilburn Combs, Lloyd Wyatt.

NUCONS, Y-12. Fred Jeffers, P. J. Anderson.

K-25 METS, K-25. W. C. Gordon, John Keith.

ATOMS, Y-12. E. C. Farris, J. D. Culberson.

APPRENTICES, ORNL. Hugh G. Byrd.

BUMS, ORNL. N. A. Griffith.

ORNL METS, ORNL. Willard Martin.

P & E's, ORNL. Bob Copeland.

BIOLOGY, ORNL. Bob Stafford, John Murphy.

PERMETS, ORNL. R. A. Vandermeer.

INSTRUMENTATION & CONTROLS, ORNL. C. E. Kirkwood, Carl West.

ISOTOPES, ORNL. J. N. Underwood.

BALL HAWKS, ORNL. R. D. Lanier.

STEMS, ORNL. Jim Conklin.

Time's a-wasting . . . somebody go on and shout "Play Ball!"

Last Call Goes Out For Tennis Players

This will be the last call for Tennis players in the summer league. Recreation has set next Wednesday, May 12, at 4:30 p.m., as the deadline for entering competition.

Is your name in the pot yet? Schedules will be rigged shortly . . . and play should get underway in the next week or so.

Grapes And Oranges 'Piggybacked' Long Way

The Linde Division of Union Carbide recently announced that regular cross-country piggyback railroad shipments of perishables under nitrogen refrigeration have been made for the first time. Cargo-Sure of Fresno, California, sent more than 20 shipments of grapes and oranges to wholesale dealers in New York and New Jersey. Shipments received in the East arrived in U. S. Grade 1 condition, with no decay or shrivel, and minimum moisture and condensation reported. The refrigeration equipment operated without malfunction or maintenance.

Take the time to be sure your file is locked.



D Shift Fish Rodeo Begins 4 P.M. Today

D Shift is holding a big "any-waters" Fishing Rodeo, beginning today, May 5, at 4 p.m. and extending through tomorrow at 5 p.m.

A list of species is found on the entry blank. These blanks can be picked up from any D Shift supervisor.

Entries must be turned back to

Stock Car Drivers Paged To Wartburg

Anyone interested in stock car driving, racing, or building should attend the organizational meeting tonight, Wednesday, May 5. It is set at the Fire Hall in Wartburg at 8 p.m.

Several Y-12ers are congregating to establish a racing association to serve Roane, Anderson and Morgan Counties. They say if you're interested just come on out tonight.

the supervisors at 2 a.m. (that's the time they gave, honest!) Saturday, May 9.

It is always time for security.



BOWLER LOU ANFINSON got identified recently in the Bulletin as a 'golfer supreme.' Even though she was pictured with bowling trophies reaped in the All-Carbide Tournament. Actually, bowler Lou is a golfer and contemplated entering Y-12's big tournament this past week-end. Women are eligible to enter, Bowler-Golfer Anfinson!

Nearby Powell's Beaver Brook Is Scene Of Y-12's Golf Tournament For May 22

Powell's popular Beaver Brook Country Club is the scene of Y-12's next golf tournament . . . set for Saturday, May 22.

You 152 Y-12ers who turned out on the Wallace Hills course . . . come on out, plus any and every duffer in the plant. The par-72 course, 18 holes, of course, bears a green fee of \$3. It's closer driving than some of the others scheduled for Y-12 tournaments this year, too.

Below appears an application blank for foursomes to enter May

22's big contest. At least three must appear on the ballot.

The deadline for entering the Beaver Brook tournament has been set at 4:30 p.m., Wednesday, May 19. Tee-off times will be drawn next morning, and the foursome captain will be notified by telephone when his team shall appear on the greens.

The application will be repeated again next week, but it's not too early to get in now. So, plan that foursome and get the blank below in to Recreation, Building 9704-2.

Tee-Off Time Application For Beaver Brook Tournament

Saturday, May 22

Foursome

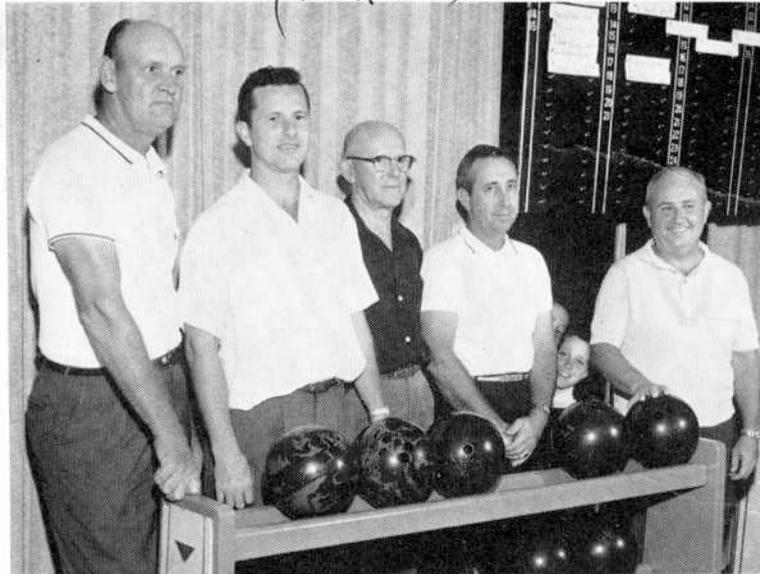
_____, Leader

Leader's office phone _____

Home phone _____

Tee-Off Time Preferred _____

Fill out completely and return to the Recreation Office, Building 9704-2. Deadline for entering is 4:30 p.m. Wednesday, May 19. Tee-off times will be drawn the next day, May 20, at 9 a.m.



WINNERS AGAIN ARE THE RIPPERS in Y-12's big Classic bowling league. The big team is no newcomer to the magic circle, either. They were champs in 1963, runners-up in 1961, and in the top bracket in past years as well. From left are Paddy Peckman, Wayne and Al Groppe, Jay Holzknicht and Nelson Tibbatts.

**UNION CARBIDE CORPORATION
NUCLEAR DIVISION**



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Albert Daughter Is Honor Grad At School Takes Scholarship At Harriman High

Kendrick Albert, daughter of Edna Jean Albert, Purchasing, will graduate with honors from Harriman High School this month. She has scored in the 99 plus percentile in the National Merit Scholarship Award Finals . . . the highest score ever achieved on the NMS tests by a Harriman student. An 'honor with distinction' graduate, she also won this year's DAR Good Citizenship Award, the school's Bausch and Lomb Science Award and was chosen by Bell Laboratories for special commendation as an outstanding science student.

Kendrick's extra-curricular activities include Art Club, Bible Club, Beta Club, Summer Mathematics Contest, placing sixth in this region last summer, Student Director of the Inter-Class play, first and second prize winner in the Art Fair, Class Editor of the school yearbook, and voted the girl 'most likely to succeed.'

This fall, Kendrick will enter the University of Tennessee, where her brother Mark will be a junior.



Kendrick Albert

Editor Attending AAIE Conference

James A. Young, editor of the Y-12 Bulletin, is this week attending the American Association of Industrial Editors annual conference in Buffalo, New York.

The 27-year-old industrial editing group, almost 500-member strong, has members from all over the United States and Canada. It is made up of nine affiliate groups . . . one of which is the Appalachian Industrial Editors' Association.

Editor Young is president of the local group, having served as vice president, and secretary-treasurer for two years. He also serves on the national group's executive board . . . last year as an affiliate representative, and this year as an appointed director.

He will serve as Arrangements Chairman for the Chicago Conference in 1966.



Jim Young

(Polsonville)



ASTME OFFICERS FOR 1965 include W. D. LaRue, treasurer; Charles Bateman, secretary; Seth Wheatley, 2nd vice chairman; Joe Hall, 1st vice chairman; Sidney Specter, chairman; Justice Alexander, National Director, reading from left to right.

ASTME Meeting Set Thursday

The Knoxville-Oak Ridge Chapter of the American Society of Tool and Manufacturing Engineers will meet this week. The meeting is planned for tomorrow, Thursday, May 6, at the Elks Lodge, Oak Ridge. Dinner, which is optional, will be at 7 p.m., and the technical session will begin at 8.

ASTME members will hear Howard Anderson, Master Manufacturing Company, Inc., speak on "The Evils of Over-Mechanization." He is vice president in charge of engineering, Wichita Chapter of ASTME, and received degrees and certificates from Kansas State University, William and Mary and the United States Navy.

Ralph L. Rose, director of industrial development, city of Oak Ridge, will be the coffee hour speaker.

ASTME installed officers for the new year back in March. New officers include Chairman Sidney Speckter, K-25; 1st Vice Chairman Joe Hall, ORNL; 2nd Vice Chairman Seth Weatley, K-25; Secretary Charles Bateman, The Tool Crib; and Treasurer W. D. LaRue, Y-12.

All members and guests are urged to attend as tomorrow's meeting promises to be an interesting event.

Ocean Large Storehouse Of Untapped Minerals

The ocean, which makes up nearly three-quarters of the earth's surface, is the world's largest store-house of untapped minerals. A hundred million gallons of sea water contain about 150,000 tons of mineral salts. One of the richest of these is gold — \$3,800 worth of it is estimated to be found in a cubic kilometer of water.

IEEE Meeting Set For May 13

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers will have a dinner meeting next week. It is set for Thursday, May 13, at the Elks Club in Oak Ridge. The social hour is set for 6 to 7 p.m.

C. Craig Harris, Thermonuclear Division at Oak Ridge National Laboratory will speak on "Instrumentation for Localization of Radiation in Medical Patients." Harris has been at ORNL since 1950, working primarily with instrumentation for measuring radiation. In 1954 he began work in the use of scintillation spectrometry in the medical field and has been engaged almost full time in radioisotope scanning since 1959. His current interest is in larger collimated detectors, data portrayal and utilization, and automatic data extraction.

He is the author or co-author of several papers on radioisotope scanning and scintillation spectrometry in the medical field. A member of the Research Society of America and the Society of Nuclear Medicine, Harris received his degrees in Electrical Engineering from the University of Tennessee.

All IEEE members, wives, guests and interested parties are invited to attend. Reservations may be made through R. E. Cooper, plant extension 3-3258, or Oak Ridge 482-1346.

FAIR CARGO

England had an interesting solution for a problem back in the mid-1600's. They organized 'bride-ships' for the new world. To the 12-year-old Colony of Virginia they shipped eligible maidens . . . solving two problems at once, a growing number of spinsters on the mother island, and a means of populating the newly established colony on America's shores.

'Fusion Theory' Topic At Thermonuclear Talk

The Thermonuclear Division's seminar this week will feature "Fusion Theory." Leading the discussion will be T. K. Fowler, and others.

The seminar will be held Thursday, May 6, at 9 a.m. in the TD Conference Room, Building 9201-2.



Two riders wanted from Maryville via Knoxville to East, North or Central Portal, straight day. W. W. Pugh, plant phone 3-5066, home phone Maryville 982-1443.

Ride wanted from Karns Community, directly on highway, to Biology Portal, straight day. Net Crowe, plant phone 3-7451, home phone Knoxville 588-6194.

Ride wanted, or will accept riders, from Papermill Road, Knoxville, via Middlebrook Pike, to North Portal, straight day. W. M. Roberts, plant phone 3-7216, home phone Knoxville 584-3616.

Ride wanted from Wolfe Valley Road, between South Clinton and Claxton, to North Portal, straight day. George G. Smiley, plant

phone 3-7628, home phone Clinton 457-0246.

One rider wanted from Washington Pike, Valley View area, Fountain City, to East, North or Central Portal, straight day. W. L. McCormick, plant phone 3-7951, home phone Knoxville 522-5207.

Ride wanted from Ridgedale Community on Solway Highway to North Portal, straight day. James Billingsley, plant phone 3-7541, home phone Knoxville 588-6075.

Unattended documents invite compromise.



GEORGE HOWARD, STANDING at extreme left bids farewell to co-workers in Area Five Maintenance, just prior to his retirement. The retiring Howard rounds out more than 21 years with Union Carbide . . . all in Y-12.



STORES PERSONNEL PRESENTED retiring Robert L. Babb a wrist watch last week before his retirement. Babb is seen accepting the watch from Bill Stanton. The retiring stockkeeper was here 13 years, plus some time back in the "early days."