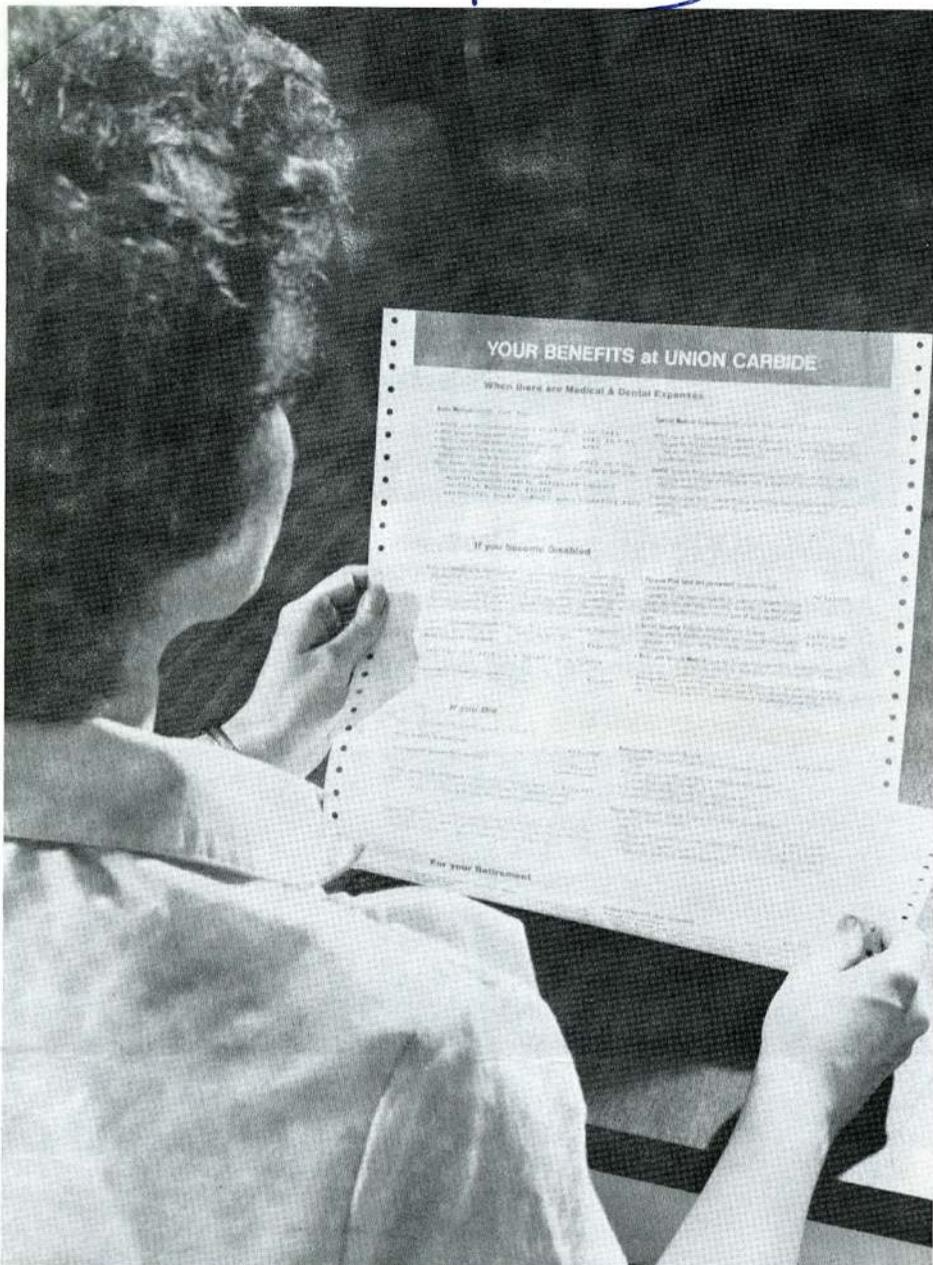


181-143



BENEFIT STORY — Although she is too young to think about retiring this Y-12 employee studies a copy of her last J. Q. Carbide report. The massive data provide individualized reports to each employee using salary and age as criteria. More than 40 cents is now spent for every payroll dollar for these 'fringe benefits.'

Carbide will initiate college 'matching funds'

A matching gift program to benefit colleges and universities which receive employee contributions will begin September 1, William S. Sneath, Union Carbide chairman, has announced.

Under the program, the corporation will match, dollar for dollar, each annual contribution an employee makes of \$50 or more up to \$1,000. Union Carbiders who work in the United States, Puerto Rico, or are internationally assigned may participate. Schools eligible to benefit from the matching gifts program must be accredited colleges and universities located in the United States or Puerto Rico.

"As schools experience the effects of spiraling inflation, they must increasingly rely on the generosity of individual contributions," said Sneath. "Now, employees will be able to provide extra assistance to institutions of higher learning.

"We are announcing the program to give employees the opportunity of planning their contributions for the next academic year," he said.

More detailed information will be made available in the months to come.

J. Q. Carbide report scheduled for early May

Benefits: Your Hidden Paycheck, it's called. Another J. Q. Carbide report, newly prepared, will be mailed to all employees early in May. Personalized to coincide with your date of birth and continuous service date, it will show the amount of your benefits for medical and dental expenses, disability, death or at retirement.

For every payroll dollar spent in 1980, the Nuclear Division spent 40 cents for benefits. A total of 13.3 cents of this amount was pay for vacations, holidays, sick leave and other time not worked, and was actually included in your paycheck. Another 26.7 cents went to pay for other benefits, such as retirement, hospitalization, medical and dental insurance and the savings plan.

Since nearly all of Union Carbide's benefits are geared to your pay, your benefits automatically keep pace as your pay increases. The J. Q. Carbide report is structured to show how the various parts of the benefits program

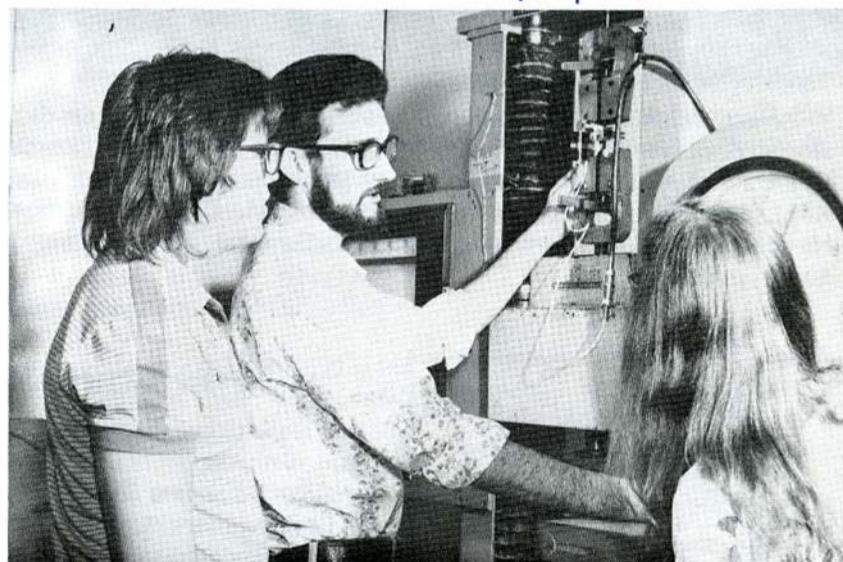
interact for your financial security. Social security benefits are also estimated in the report based upon the law in effect on January 1, 1981.

The Company pays the full cost of some of the benefits: dental and basic medical coverage, pension plan benefits and the continuation of your salary should you become disabled. In other areas, the Company shares the cost with you. These benefits include basic group life insurance, major medical, social security and the savings plan.

At the bottom of the J. Q. Carbide report, you will find a printed estimate of the annual cost to the Company for your benefits — or your "hidden paycheck." But even this figure does not tell the whole story. For example, it does not reflect the payroll costs associated with salary paid for time not worked (vacations, holidays, etc.). Nor does it include the value of such "fringe benefits" as educational refunds, safety awards or 25-year awards.

In this issue...

The Training and Technology project in Y-12 is preparing for its 5000th graduate next month. In the photograph below some of the present students are seen in a nondestructive testing class. The success story of the TAT program is told on pages 4 and 5.



PHYSICAL TESTING — TAT trainees Stanley D. Weaver and Pam A. Skubic watch as instructor Harold C. Smith demonstrates a testing apparatus.

Other features:

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Dr. Lincoln	Page 5
Y-12 begins appearance campaign	Page 7
Appalachian Festival set May 1, 2	Page 8
Carbide scholars named	Page 8

Quality assurance contest winners honored

81-1303

6058



DOUBLE WINNER — Lowell A. Anderson (second from right), ORGDP capacity expansion management team, was named ORGDP and overall winner of the recent quality assurance contest. Shown with Anderson are from left, Fred D. Mundt, Division quality assurance coordinator; Finis S. Patton, Division director of engineering; and Kenneth W. Sommerfeld, ORGDP manager.



PADUCAH WINNER — Joe Blagg, second from left, an electrical engineer at the Paducah Plant, wrote the winning slogan for the Quality Assurance message contest. Sharing in the award presentation were, from left, Gene Miller, head of Instrument Engineering; Blagg; Clay Zerby, Paducah manager; and Bill Taylor, Plant Engineering Division manager.

200054

1598-81



Y-12 WINNER — Bob Heydasch, Fabrication Division, won the Y-12 slogan contest. He is seen being congratulated by fellow Y-12ers. From left are Harvey T. Kite, Y-12 quality assurance coordinator; Keith G. Kahl, Fabrication Division manager; Jack M. Case, Y-12 manager; Heydasch; and Tommy R. Webber, General Shops Department superintendent.



ORNL QA WINNER — Larry H. Wyrick (second from left), ORNL Information Division, was named the Laboratory's winner of the recent quality assurance message contest. Attending the presentation ceremony were, from left, Division QA Coordinator Fred D. Mundt; Wyrick; ORNL Director Herman Postma; Information Division Director G. Daniel Robbins; ORNL Executive Director for Support and Services Clyde C. Hopkins.

"Quality Assurance from the past; that's the reason things last." (Submitted by Curley Simmons, Paducah.)

Time change

It's that time of year again. At 2 a.m. Sunday, April 26, it will automatically become 3 a.m.

Shift workers clocking in Saturday night will come to work on standard time and clock out on daylight saving time. In Oak Ridge, that's Eastern Daylight Saving Time; in Paducah, it's Central Daylight Saving Time.

Memorial Day

Our next holiday is Monday, May 25, not May 18, as reported in the last issue of *Nuclear Division News*.

The fourth Monday in May is now designated as a federal holiday, marking Memorial Day.

Safety Scoreboard

Time worked without a lost-time accident through April 15:

Y-12 Plant	205 Days	7,233,000 Employee-Hours
ORGDP	208 Days	6,237,081 Employee-Hours
ORNL	339 Days	8,076,045 Employee-Hours
Paducah	260 Days	2,403,000 Employee-Hours

Patents Granted

William J. McDowell and Forest G. Seeley, both of ORNL, for "Recovery of Aluminum and Other Metal Values from Fly Ash."

Forest G. Seeley and William J. McDowell, both of ORNL, for "Salt-Soda Sinter Process for Recovering Aluminum from Fly Ash."

Question Box

What about checking presents?

QUESTION: A memo has been issued at ORGDP relative to spot checking articles coming into the plant. What about wrapped gifts for showers, retirements, etc.?

ANSWER: Consistent with long-standing regulations, articles coming into the plant have always been spot checked to make sure that firearms, ammunition, explosives, cameras, radios, transmitters, recorders, alcoholic beverages, and other prohibited items are not brought into the secured area without proper authorization. Since the contents of wrapped packages cannot be easily identified, you are advised either not to wrap gifts or, if wrapped, have the package contents accessible for inspection.

UCC savings plan

QUESTION: Re: Carbide's Savings Plan. "You at Union Carbide" states:

"Each month, Union Carbide adds 10, 20 or 30 cents to each dollar of your basic deduction, depending on your years of company service credit." It's my understanding that the amount of money Carbide contributes is based on the length of time the individual participates in the plan. If the booklet is correct, an employee with 20 years company service—but a first-time participant in the plan—would be entitled to maximum contributions by the Company. Which is correct?

ANSWER: Your understanding is incorrect. The amount of Carbide's payment depends on your company service credit, not on the length of time an employee has participated in the plan. An employee with 20 years' service, but a new participant in the plan, would be entitled to 30 percent payments.

Sampson, Harris promoted at ORGDP

Richard S. Sampson II and Troy D. Harris were recently promoted at ORGDP.

Sampson, a maintenance mechanic in the Technical Services Division, has been named a senior inspector.

A native of Columbus, Ga., Sampson, served six years in the Navy in the Nuclear Power Program. He joined Carbide in 1977, and in 1980 graduated magna cum laude from Roane State College with a pre-engineering degree.

He and his wife, Edith, live with their son, Ricky, and daughter, Donna, at 1801 Oak Hill Drive, Kingston.

Harris, formerly a senior engineering assistant, has been promoted to



Sampson



Harris

engineer in the Operations Division. He joined the Nuclear Division in 1976 after graduating cum laude with a bachelor's degree in industrial technology from Tennessee Technological University.

He lives in Madisonville.

UNION
CARBIDE

Nuclear Division News

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NUCLEAR DIVISION
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PADUCAH

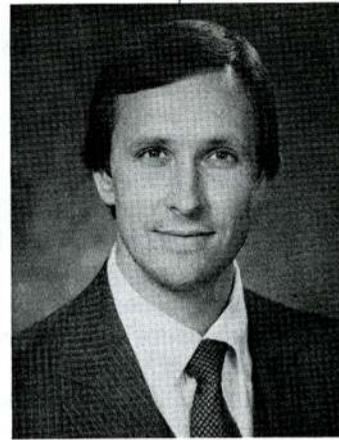
Darlene M. Mazzone, Bell 208

Published every other week
for employees such as:



D. Joseph Inman, Safeguards and Special Materials Management Department, ORNL Laboratory Protection Division.

L. Michael Cuddy appointed mechanical engineering head



Cuddy

L. Michael Cuddy, formerly Research Services Department superintendent in ORNL's Plant and Equipment Division, has been named mechanical engineering manager at the Laboratory.

Cuddy previously served as head of the engineering mechanics depart-

ment at the Y-12 Plant; diffusion plant project principal engineer and design engineering group leader at ORGDP; and mechanical design engineer, Engineering Division, Y-12 Plant.

A native of Kingsport, Cuddy received his BS in mechanical engineering and MBA in finance and operations research from the University of Tennessee. He joined Union Carbide in 1967.

Cuddy is a member of the Tennessee Society of Professional Engineers, Pi Tau Sigma honorary mechanical engineering fraternity and Beta Gamma Sigma honorary business fraternity.

He and his wife, the former Carolyn Babb, live at 11207 Crown Point Drive, Knoxville. They have one daughter, Candace.

Save Energy / Share the Ride

ORGDP

BUS SERVICE to K-25 from Roane County. Phone 6-0204 or 882-5618.

VAN POOL from Norwood through Oliver Springs to K-25. Straight days, Portals 8, 4 & 2. 435-6097 or 4-8222. One space available. Linda Chadwick.

BUS RIDERS from West Knoxville to Portals 1, 2 and 4, 8-4:30 shift. Steve Buffalo, plant phone 6-7314, home phone Knoxville 690-5610.

VAN POOL RIDERS from Norris, Andersonville, Clinton, to Portals, 2, 3, 4, 7, 8 and 9, 7:45-4:30 shift. Milas E. Stooksbury, home phone Clinton 457-9809.

ORNL

VAN POOL RIDER from West Knoxville, Walker Springs, Cedar Bluff, Cedar Springs Shopping Center areas, via Lovell Road, to South or West Portals, straight day. Mike Caldwell, plant phone 4-4885; home phone 691-4194.

VAN POOL RIDERS NEEDED from Rocky Hill/West Town Mall area, Knoxville, to South and West Portals, 8-4:30. W. L. Pattison, plant phone 4-6888; home phone 691-0781.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

CAR POOL MEMBER NEEDED from Deane Hill Recreation Center or West Town area to East Portal and 7900 area, 8-4:30. E. Collins, 4-7071; B. Worley, 4-6106; or S. Jordan, 4-5463.

VAN POOL RIDERS NEEDED from Middlebrook Pike area to any portal, 8-4:30. A. J. Boatwright, plant phone 4-4218; home phone 970-2154.

CAR POOL MEMBER NEEDED from Kingston to South or West Portal, 7:45-4:15. Sandy Odom, plant phone 6-4784.

BUS RIDERS NEEDED from Kingston (Highway 70 and North Kentucky Street areas) to any portal, 8-4:30. H. R. Clower, plant phone 4-4228; home phone 376-3436.

Y-12

VAN POOL RIDERS from Cumberland Estates/Norway area, Knoxville, to East, North or Central Portals, 8-4:30. Dick Sampsel, plant phone 4-4093; home Knoxville 688-6561.

RIDERS FOR CAR POOL from Walker Springs/Cedar Bluff areas, West Knoxville, to North or Pine Ridge Portal, 7:30-4:00. Jerry Whitaker, plant phone 4-0886; home phone 693-4718.

CAR POOL RIDERS from West Knoxville, Crestwood Hills, via Walker Springs Road, Walker Springs apartments, Warren House apartments, to North or Central Portal, 7:30-4:30. Nick or Penny, home phone Knoxville 693-7213.

VAN POOL RIDERS needed from Lenior City, 8-4:30. Gene Lawrence, plant phone 4-4458; home phone 983-4347; or Joel Horton, home phone 983-9160.

VAN POOL RIDERS from West Town, Kingston Pike, Cedar Bluff, Mabry Hood areas, Knoxville, to any portal, 8-4:30. C. W. Greene, plant phone 4-0437, home phone Knoxville 690-3762.

TAT Program to graduate 5000th trainee in May

The Training and Technology (TAT) Program at the Y-12 Plant, begun in 1966 as an experimental project, will reach a milestone May 7 with the graduation of the 5000th trainee.

TAT is an industrial-based skill training program operated jointly by the Nuclear Division and Oak Ridge Associated Universities (ORAU) with support from DOE. Its purpose is to train disadvantaged people to enter the fields of machining, combination welding, pipefitting, physical testing and industrial drafting.

Program support

Initial support for the program was from the Department of Labor under the Manpower Development Training Act. When that act was ended in 1974, it was replaced by the comprehensive Employment and Training Act (CETA).

Most of today's training at TAT is paid for with CETA funds or through various agencies, including the State of Tennessee, Tennessee Private Industry Council, Vocational Rehabilitation, Oak Ridge High School, Chattanooga Human Services Department, Hamilton County CETA, the State of Kentucky and Kentucky Private Industry Council. Special contracts are available through Job Corps and Cherokee Employment and Training, and other programs are under way for migrant and seasonal farmworkers, displaced homemakers and minorities. Individuals who are not disadvantaged and do not

meet sponsor guidelines may pay their own tuition and expenses.

Division responsibilities

The Nuclear Division is responsible for technical training at TAT, and provides supervisors and skilled craftsmen to serve as instructors (some 29 staff members in all). ORAU provides administrative services and takes responsibility for long-range planning, program development, trainee services, job-related education and job placement. Equipment used for training is on loan from DOE.

The entire program, including classrooms, laboratories and shop areas, is housed in Building 9709, a 52,000-square-foot facility formerly occupied by the Materials and Services Division.

Enrollment

Typical program enrollment consists of approximately 300 trainees (150 in each of two shifts). Of these students, about 20 are involved in drafting, 70 in machining, 70 in welding, 60 in pipefitting and 90 in physical testing. Each of the programs lasts six months, except drafting, which is a nine-month course. Trainees spend about 25 percent of their course time in classrooms, while the remainder is spent in the work area getting actual "hands-on" experience.

TAT's industrial setting is a prime ingredient of its training success.

Trainees enter the plant through a regular gate, punch time cards, wear badges, abide by the same regulations as employees and use up-to-date industrial machines and equipment. "We hope we have a simulation of industry. We call TAT an industrial training center," explained B. Ralph Pearson, Nuclear Division program director.

Employment rates

The program's success is evident. The full-time employment rate for TAT graduates is over 90 percent for the 15 years of the program's existence. Another impressive statistic is the average starting salary for TAT graduates — approximately \$14,000 per year, compared to a \$7,500 pre-program average for fiscal year 1980.

Pearson also pointed out that program training costs are returned to the government within about three years in the form of taxes.

Employers

TAT has established a network of more than 50 employers to place graduates in unsubsidized jobs, including agencies and companies like TVA, Joy Manufacturing, Avco Aerospace Division, Fluor Engineering and Newport News Shipbuilding. The Nuclear Division has employed approximately 800 TAT graduates since the project began.

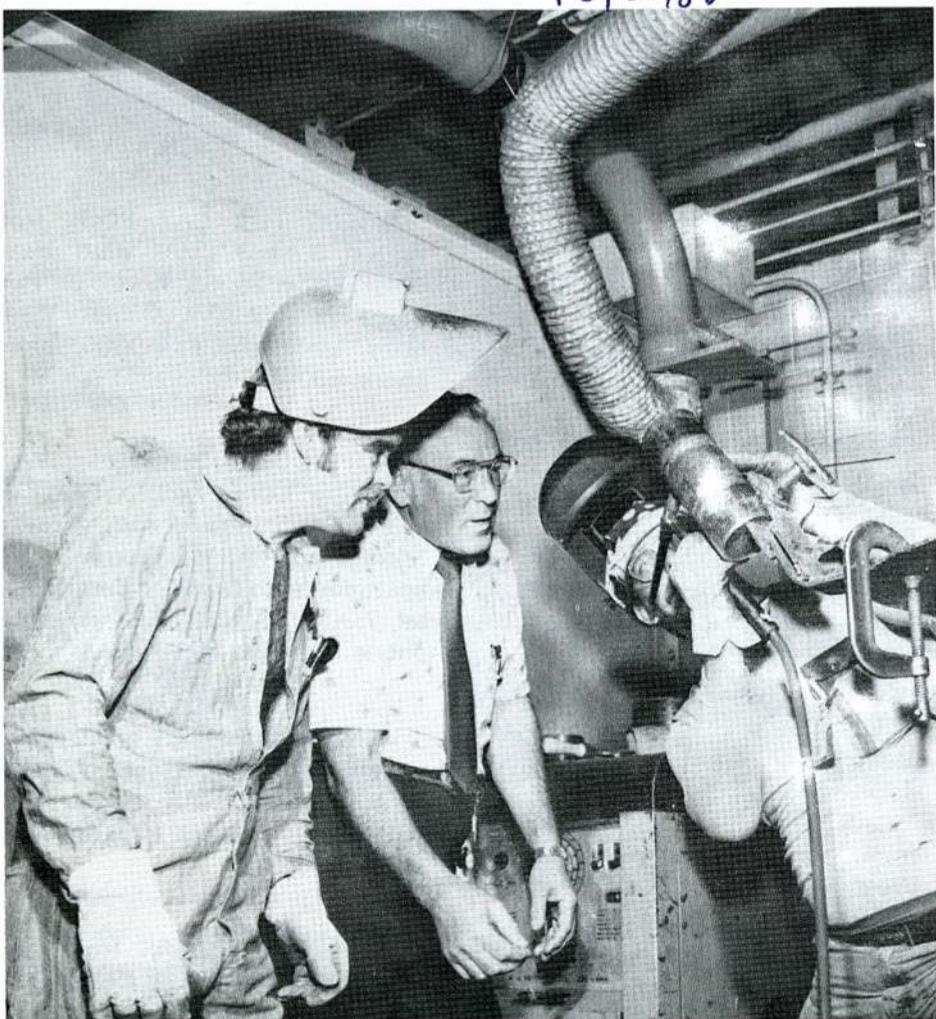
"We've been dealing with the same employers for years," Pearson noted. "They keep participating, so we hope that means we're doing a good job."

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PIPEFITTING PROGRAM — TAT instructor Harold C. Smith (right) works with pipefitting trainees Edmund N. Mitchell and Jack L. Applegate.

181-189



WELDERS AT WORK — TAT instructor William J. French, supervisor Everett N. Rogers and trainee Roger M. Glass (left to right) examine a weld.



TAT CLASSROOM — Trainees complete a mathematics exam. Approximately 25 percent of TAT training time is spent in the classroom.



DRAFTING PROGRAM — TAT drafting instructor Tony Whitus and trainee Roberta K. Mumma discuss techniques in the classroom.

Training supervisor strives to challenge TAT students

581-183



Richard E. Dew

machinist, foreman and department head at Y-12. He also has been involved in recruitment and job development work with Oak Ridge Associated Universities, which operates the TAT Program along with the Nuclear Division.

His first involvement with TAT came when he was asked to develop a course outline for an eight-week vocational teacher in-service training program. "At the same time, I was involved in finding equipment, staff members, and so on for the first worker training program," Dew explained.

His current responsibilities as a training supervisor include the machining, drafting and pipefitting areas, and require close working relationships with course instructors, who are also Y-12 employees.

Dew and other TAT staff members strive to keep the program interesting and challenging. "We design our own work projects to provide both repetition for learning and a variety of setups needed for adapting to different jobs. The work is different each day; every project has something new," he said.

The Knoxville native, who lives in Powell with his wife, Evelyn, said that his work with TAT has been very rewarding. "My greatest feelings of satisfaction come from seeing unskilled, unemployed people leave our program with jobs waiting for them," Dew explained.

"Our staff members must be willing to share their knowledge and skills and must have the patience to work with students. They are dedicated people, and they certainly are our program's greatest asset."

With these words, the Training and Technology (TAT) Program's Richard E. Dew described his associates at the industrial training center located at the Y-12 Plant. And Dew certainly should know. As a training supervisor, he has been with the program since its inception 15 years ago.

Dew joined the TAT program in April of 1966, after 22 years as a

Coffee and cancer of the pancreas

by T. A. Lincoln, M.D.



The recently reported association of coffee consumption with cancer of the pancreas may have worried some coffee drinkers. Many consumers regard each cup as a nearly essential pleasure. Coffee can brighten the day, promote the flow of thought and provide a keener appreciation of sensory stimuli. It can even clear the palate after a heavy meal. Surely no one would suggest that such a basic pleasure is harmful!

Unfortunately, the study that revealed this potentially harmful association was performed by one of this country's foremost epidemiologists, Brian MacMahon, and his associates at Harvard University.

Dr. MacMahon's researchers located 405 patients with acutal tissue diagnoses of cancer of the exocrine pancreas. Exocrine refers to the tissue that secretes the pancreatic digestive juices and is distinguished from the endocrine pancreas (the Islets of Langerhans), which secretes insulin directly into the blood. These patients were located in 11 large hospitals in the Boston area between October 1974 and August 1979. Some died before they could be contacted, some were too sick to be interviewed and a few could not understand English. Only 26 refused to cooperate. Some 369 patients were questioned in detail about their habits, including smoking and drinking alcoholic beverages, coffee and tea.

Control population

The control population's study consisted of 644 hospitalized patients who had been admitted to the same hospitals under the same physicians' care, but with diseases not thought to be associated with smoking or with alcohol, tea or coffee consumption. Sixty-five of them had other cancers. Other common diagnoses were hernia, colitis, fistula, varicose veins and urinary infection. The questions on tea and coffee consumption were limited to the number of cups regularly consumed each day **before** their current illnesses began.

When the data were analyzed, an association between coffee consumption and pancreatic cancer was found. Since heavy smokers frequently consume a great deal of coffee, it was necessary to attempt to adjust the coffee drinking data for smoking. There was a "consistent association of pancreatic cancer within each category of smoking, and data for all smokers and nonsmokers showed a consistent trend of coffee drinking after adjustment for smoking." No association was found with the use of alcoholic beverages, tea or pipe tobacco and cigars.

Several observations may reassure coffee drinkers. Among men, drinking more than five cups of coffee per day did not seem to increase the relative risk over those who only drank one or two. Among women, the relative risk increased with the number of cups per day, but not as greatly as one might expect. The relative risk from drinking 3 to 4 cups of coffee per day was 2.3 times as high for men and 3.3 times as high for women, compared to non-coffee drinkers.

The per capita consumption of coffee has declined during the past 20 years, even though rates of cancer of the pancreas have increased since 1950. The increase has leveled off however, in recent years, possibly due to better methods of diagnosis. Cancer of the pancreas is extremely difficult to detect in the early stages, and the diagnosis is sometimes missed even after surgical exploration.

Mortality rate

Cancer of the pancreas is the fourth leading cause of cancer deaths in the U.S., resulting in approximately 20,000 deaths per year. The age-adjusted mortality rate was 9 per 100,000 in 1970. Some 80 percent of the cases occur in persons between the ages of 60 and 80. It is a little more common in men than in women, and in blacks and Japanese Americans than in whites. It is twice as common in the U.S. as in Japan, yet Japanese immigrants seem to gradually equal or exceed U.S. rates. The disease is more common in the South, but that may be partially due to racial distribution. For some unknown reason, the rate in New Zealand is twice that of the U.S.

This cancer occasionally runs in families and is associated with several genetic pancreatic diseases. Acute and chronic inflammations of the pancreas (pancreatitis) and diabetes, however, do not seem to predispose a person to this cancer. Smoking cigarettes definitely increases the risk, but the effect appears to be independent of coffee consumption.

The discovery of an association does not mean causation. If the association of coffee drinking and cancer of the pancreas is eventually confirmed, then most people are already vulnerable. Numerous other factors are obviously important, because the incidence of this cancer is relatively low and coffee drinking is so common. It is disturbing, however, that the incidence of this cancer is much lower in Mormons and Seventh Day Adventists, who abstain from smoking and drinking coffee!



Marshal Adams finishes first

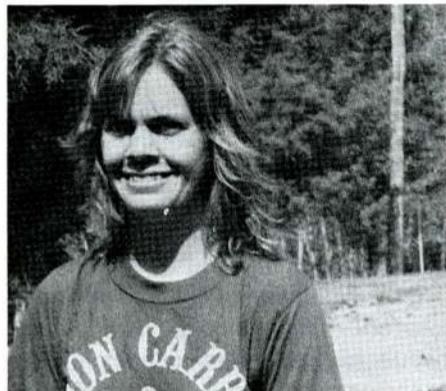
Marshal Adams outruns four-milers in road runner

A total of 170 speedsters participated in the second edition of Carbide's Road Run Four Miler. Marshall Adams had the best time in the run, with a 21:05 for the full course.

Other men winners included Mike Hickey, Frank Homan, Jack Still and C. D. Hylton.

Women winners included Sue Tiegs, beating all other women runners with a time of 29:52, Nancy Owens and Wendy Williams.

Runners participated in age brackets...and everyone finishing the race was awarded a tee shirt.



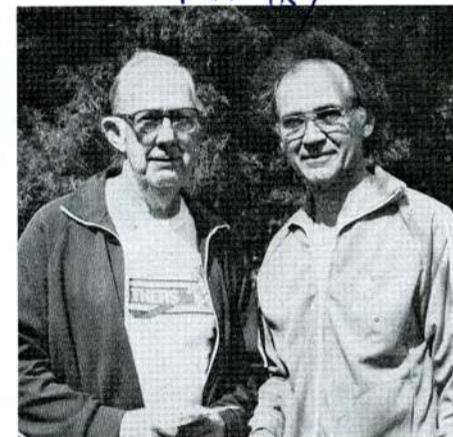
Sue Tiegs



Nancy Owens and Kathy Gethers



Wendy Williams and Peggy McNutt



J. Tredinnick - C. Hylton

Around the alleys...

UCC Mixed...

The Lickity Splits (Gail Culton, Bonnie and Jerry Cooper, and Jim Thompson) won the second half of the UCC Mixed League hands down. They face the Split Images (Randall and Sheila Wood, Trish and Roger Lankford) in a roll-off this week for league championship. Season highs belong to the Rolling Stones team with a 2509 handicap total and to the Coneheads for a 924 single.

K-25 Wednesday...

The Amps look like winners in the K-25 Wednesday League as the season nears an end. They are at least nine full points out in front of the planners. Lou Finley's 708 series still stands, with David Byrd's 703 and John Peer's 691 coming in close.

K-25 Tuesday...

The All Stars have wound it up to take the K-25 Tuesday League, light years ahead of the Atoms and Mishaps. The team, however, holds high rolling honors for the year with a 3158 handicap series. The Mishaps have a cinch on singles with 1133. Individual highs to C. H. Peterson, 578 scratch; 668 handicap for a recent week of rolling.

Carbide Family Mixed...

The Oops team looks like a sure winner as the Carbide Family Mixed League hits the final days of rolling. Edith Duckworth's 568 scratch series stands, as does Nelline Ross's single of 22, 2781 Don Carpenter's 594 series and his 242 single game stand in scratch accounting.

ORNL A League...

The ORAU team is a one-point leader in the ORNL A League, ahead of the Woodchoppers. Team highs recently went to the Limits, 2998 handicap.

ORNL C League...

The Hit Men look like it for ORNL C League, as they jump ahead of the Knuckleheads and Remkeys. The Old Men took highs early in April, posting a 3058 handicap series, proving to be not so old after all.

Y-12 Classic...

The Atta-Boys and Splinters are tied for the lead in the Y-12 Classic League, which has to be the oldest of the Carbide leagues. They are only one point ahead of the Ridgers and Tigers...so it could go any way. Bill Patrick's high game of 289 handicap still stands high on the boards...with Ken Brown's series of 722 still there too.

ORGDP Women's...

The Woodbees are comfortable leaders in the ORGDP Women's League...in front of the Pinups and Spotters. George Guinn set the alleys afire recently, a single of 223, 254; and a scratch series of 561. Cheryl Young hit a 681 handicap series!

UCC Monday Mixed...

The Lucky Strikes lead the UCC Monday Mixed League by two points over the Pacesetters. The Free Spirits are only three points into third place. Mary Johnson paced bowlers with a hot 540 series.



Jack Still - Ed Nicholson Ray Kennedy

Hi Power Rifle...

Jack Spurling of Y-12 won the first match of the High Power Rifle League with a 768 out of a possible 800. Roger Wiegand, Y-12, was second with a 738; while Larry Weston, ORNL, followed with a 733. Other scores were: D. Kiplinger, ORNL, 713; Hugo Bertini, ORNL, 653; H. Fell, Y-12, 643; Merl Baker, ORNL, 533; and A. Beasley, Y-12, 490.

ORNL C League...

Individual highs for ORNL C League went to Bill Sise, 224 scratch, with a series to match of 607. Team highs went to the Sunflowers, 932 scratch, 2750 scratch and 3092 handicap for series counting. The Rollmasters put a 1063 handicap single up there. Sise's handicap rolling was high, too, with a single of 250, series of 685.

Retirees plan picnic-reunion, another tour

Union Carbide Retirees Association is planning another big reunion picnic Friday, May 22, at the Clark Center Recreation Park. Festivities are set to begin at 10:30 with lunch at noon. Everyone is requested to bring his/her own lunch and a dessert to share. Tea and coffee will be furnished.

"Growing things" will be exhibited...so if you have any unusual hanging baskets, flowers or whatever, bring them along.

UCRA also announces that one bus is already full for the fall tour of New England...set October 3-11. The total cost for the trip is \$429, which includes transportation and lodgings, plus two meals in the Pennsylvania Dutch country. (No other meals are furnished.) A \$25 check is required to reserve space and should be made out to the Greyhound Tour Club, and mailed to UCRA, P.O. Box 3501, Oak Ridge, 37830.

The second bus will fill rapidly, so action is required at once. Retirees state that active employees are welcomed on the tour, and that only one week of vacation will be required to see the autumn colors in New England.

Attention Knoxville area bowlers — Carbide summer leagues now forming for Western Plaza Lanes. Call Dean Treadway, 4-6580, for more information.

Campaign begun to improve Y-12 appearance

200/38

A man's home is still his castle, but since we spend most of our waking hours on the job, a new phrase, "a person's workplace is his/her home," could easily be coined.

This idea, coupled with concern about the deterioration of buildings constructed at Y-12 — many of them almost 40 years ago — has prompted management to start a program to improve appearance, cleanliness and safety at the Y-12 plant.

Hugh C. Beeson, superintendent of the Maintenance Division, is chairman of the Y-12 Plant Appearance Committee. The committee is made up of division chairmen and representatives throughout the plant, including ORNL divisions located at Y-12. Members are listed below.

The program is designed to improve both the interior and exterior appearance of Y-12. It will be an ongoing, year-round activity. In addition to overall clean up operations, it will involve restoring, repairing, replacing and/or painting broken and damaged items.

Targeted areas will be inspected before and after improvements are made. A subcommittee to conduct quarterly reviews and serve in an advisory capacity has also been established. Its members are Beeson, Jack M. Case, Finis S. Patton, Clyde C. Hopkins, James C. White and Roy D. Williams.



Y-12 APPEARANCE COMMITTEE — A recent meeting of Y-12's Appearance Committee outlined thrusts of action to clean up the plant and make working environments more attractive. Seated from left are Jim Sykes, Materials and Services; Product Engineering and Scheduling; Jack Yaggi, Metal Preparation; Hugh Beeson, Maintenance (chairman of the committee); and Keith Kahl, Fabrication. Standing are Larry McLaughlin (for George Evans), Security, Plant Protection and Utilities; Gene Morgan, ORNL Chemical Technology; Vic Kruzic (representing Bill Morgan), ORNL Fusion Energy; Herb Trammell, ORNL Engineering Technology; Herm Snyder, Employee Relations; John Harding (substitution for Harry Bailey), Engineering; Ken Bernander, Product Certification; and Ted O'Dell, ORNL Biology. The divisions also represent the areas of responsibility.

Plans are under way to conduct a plant-wide contest for a slogan and identifying symbol that can be used in the program. Employees in the Y-12 Plant will receive details about the contest and rules for entry in the near future.

The program will involve participation by employees at all levels and will enable us to take pride in our work surroundings. The committee needs your help. Please contact any of the members with ideas or suggestions on how your area and others might be improved.

Y-12 PLANT APPEARANCE COMMITTEE

Division	Chairman	Representative
Maintenance	Hugh C. Beeson*	James C. Davis
Biology	Richard A. Griesemer	John R. Bosson
Development	William H. Dodson	Jack Elmore
Materials & Services and Prod. Engr. & Sch.	James B. Sykes	James W. Hamby Jr.
Fabrication	Keith G. Kahl	Joe A. Layne
Metal Preparation	Jack Yaggi	Ernest W. Young
Security, Plant Protection & Utilities	George W. Evans	Kenneth E. Thomas
Product Certification	N. Ken Bernander	David M. White
Assembly	D. Jeffrey Bostock	Donald R. Craig
Y-12 Engineering	Harry L. Bailey	Solomon T. Burress
Chem. Technology	Eugene Newman	Randall E. Brown
Engineering Tech.	Herbert E. Trammell	Robert B. Fullard
Fusion Energy	O. Bill Morgan	Jake B. Dodd
Employee Relations	Herman G. P. Snyder	Oscar L. Williams
Finance	Gordon F. Fee	
Public Relations	Ruby A. Miller	

*Plant Appearance Committee Chairman

Anniversaries

ORGDP

35 YEARS

Charles M. Douglas, Maintenance; Edwin P. Warrington, Maintenance; Warren R. Bradshaw, Maintenance; Theodore Kwasnoski, Technical Services; Jackson G. Thompson, Enrichment Technology; Alvin D. Hair, Operations; Mattie M. Ragan, General Accounting; Everett B. Edwards, Purchasing.

30 YEARS

Everett H. Tomlinson, Operating Contractors Project Office; Fred Campbell, Computer Sciences; Robert L. Wilkins, Computer Sciences; Nancy A. Hay, Computer Sciences; Harry E. Shell, Purchasing; Earl J. Tullos, Engineering; Theodore F. Wagner, UCCND-Employee Relations; Lila G. Hamilton, Technical Services; Rubin M. Chadwick, Maintenance; Carlyle A. Goddard, Maintenance.

25 YEARS

Robert Stepp, Engineering; Betty J. Rose, Computer Sciences; Oscar T. Smith, Computer Sciences; William N. Barron Jr., Enrichment Technology; Ray W. Wear, Separation Systems; Madge D. Newton, Maintenance.

20 YEARS

William A. Martin.

ORNL

35 YEARS

William D. Todd, Plant and Equipment; Juanita C. Anderson, Industrial Safety and Applied Health Physics; John E. Cunningham, Metals and Ceramics; Richard A. Ticknor, Plant and Equipment; Paul A. Agron, Chemistry; Reuben V. McCord, Operations; Paul W. Reinhardt, Health and Safety Research; Daniel R. Carter, Finance and Materials; and Paul M. Griffin, Physics.

30 YEARS

Joseph Halperin, Chemistry; Tollie N. Jones Jr., Metals and Ceramics; Lester C. Oakes, Instrumentation and Controls; Orlen M. Sealand, Environmental Sciences; Trula K. Gardner, Finance and Materials; Milton A. Meacham, Instrumentation and Controls; William D. Carden, Industrial Safety and Applied Health Physics; Keith M. Henry Jr., Instrumentation and Controls; Wiley W. Johnston Jr., Instrumentation and Controls; and Harry G. Plemons, Finance and Materials.

25 YEARS

E. T. Wilson, R. H. Forde and Freda R. Cox.

20 YEARS

William L. Nichols and Comer C. Hall.

Y-12 PLANT

35 YEARS

James B. Soward, Development Division (January 7).

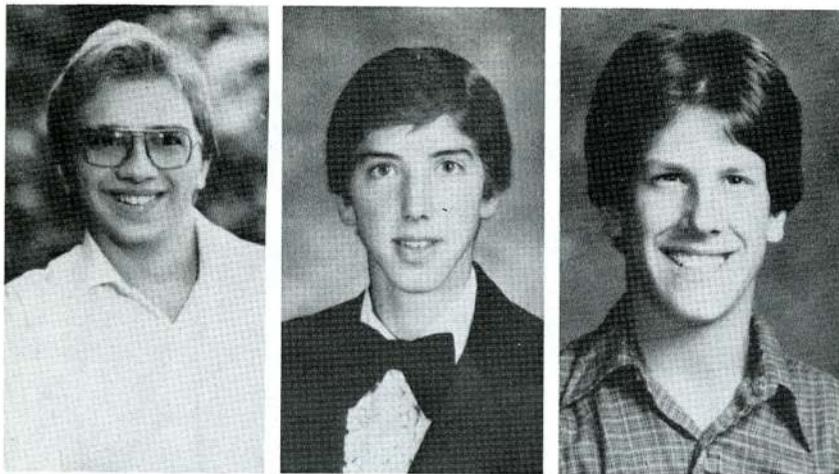
30 YEARS

Kenneth E. Smith, Engineering; J. D. Hall, Radiation Safety; Lawrence D. Heath Jr., Alpha 5 Processing; Robert E. Lively, General Shops; John C. McCown, Plant Laboratory; George H. Caylor, Special Services; Robert O. Love, Dispatching; James N. Brewer, General Shops; William L.

Boutwell, Chemical Services; Paul J. Long, Physical Testing Operations; Victor D. Sherrod, General Shops; Charles G. Peck, Development; Miles C. Dansby, Building Services; Joseph D. Davis, General Can Fabrication Shop; and Carl M. Neff, Plant Laboratory.

25 YEARS

William O. Pokela, Charles B. Burris, Ernest W. Heline, Harris C. Webb, Billy A. Cochran and Charles E. Rose.



Calvert

Denton

Jameson

Congressional workshop students chosen from area

Three high school students from East Tennessee have been chosen to attend the Washington Workshops Congressional Seminar, April 26 to May 2, as Union Carbide Scholars.

The students are Lawrence L. Calvert Jr., Oak Ridge High School; Randy L. Denton Jr., Roane County High School; and Robert A. Jameson Jr., Clinton High School. The students were nominated for the honor by the faculties of their respective high schools. The nominations were supported by the Nuclear Division.

The seminar will include classes, discussions with members of Congress, attendance at House and Senate Chamber sessions and committee meetings, and talks by Cabinet members and other national leaders, both in and out of government. The scholars will be housed at Mount Vernon College, where most of the seminar sessions are conducted.

Calvert, who lives at 111 Amanda Drive, Oak Ridge, is a senior at Oak Ridge High School where he has a

3.99 average. He is a member of the student council, the National Honor Society, the North American Model United Nations and has served as delegate to NAMUN.

Denton lives on Route 4, Kingston. He is a Roane County High School senior with a 3.97 average. Denton, a Boy's State Representative, is a member of the Beta Club, Math Club and Science Club, and is on the high school basketball team.

Jameson, of 625 Riverbend Road, Clinton, is a junior at Clinton High School where he has an "A" average. His school activities include statistician and scorekeeper for the high school basketball team and student reporter for the *Clinton Courier News*. He is a member of the National Honor Society, the high school band, and for two years served as student government representative.

As Union Carbide Scholars, the students will have the full cost of their participation in the Washington Workshops program defrayed by Union Carbide Corporation.

Several employees participating in Appalachian fair May 1,2

Bluegrass and country music and crafts of the southern mountains will highlight festivities when the Children's Museum of Oak Ridge opens its Appalachian Music and Craft Festival May 1 and 2. In addition to an old time fiddlin' and cloggin' contest Friday, May 1, from 6:30 to 10 PM, the museum will offer a full day of activities for young and old on Saturday, May 2.

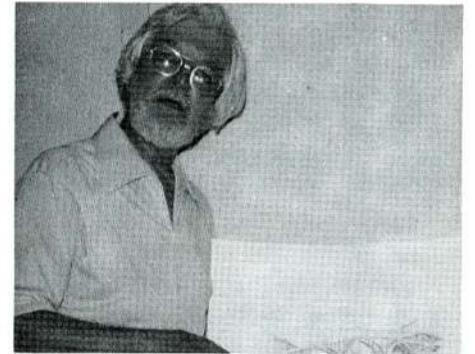
Beginning at 10 Saturday, Festival goers will hear the multitalents of folk musicians Rich Kirby and Tom Bledsoe leading a Children's Hour. Award-winning Boy Scouts in the Cherokee Indian Chapter will perform several old and new Indian dances that won them fourth place in the country last summer.

Following the dancing, young and old alike will enjoy guitarist and singer Homer Harris leading his horse Stardust in a dance sequence.

Over 50 craftspeople from the region will be on hand throughout the day to demonstrate their talents and sell some of the finest handwork in the southeast. Among those who will be at the Festival from 10 AM to 7 PM are Fred Heddleson, ORNL retiree, who will have dozens of his barn sketches and other artwork available for sale; the Community Craft Center in Norris, under the direction of Director Carol Ketelle (wife of Richard Ketelle) that will have weavers, spinners, dollmakers, toymakers and many others working in their booth; Newell Thompson, lapidary artist, with numerous samples of his rock collection for sale; Cherokee Indian Nancy Conseen of North Carolina, demonstrating, and selling her honeysuckle baskets; and groups such as Sequoyah Arts and Craft Center, Coker Creek Crafts with baskets made by Ken and Kathleen Dalton, The Woodpile with treeware and wooden flowers by Arthur and Dorothy Hope and Greg and Ann Hope and appliqued pillows by J. C. and Willie DeLozier — among many others.

There will also be a formal opening of Roane State's Art Department Spring Art Show at the museum. Both staff and students' work will be featured, and all festival attendees are invited to enjoy the artwork and refreshments in mid-afternoon.

At 3:30 PM traditional musicians



Heddleson

Lee and Jean Schilling will present a concert of music once heard throughout the mountains. Their repertoire will encompass ballads and folk music through bluegrass and early string music of this century to the modern country and folk music of today.

Culminating the day's activities will be a session entitled "Music on the Radio: the 1940's". For this session, the Children's Museum will bring together ten outstanding area musicians who can take us back to that decade of World War II and the post-war period — a time of great change and excitement in America and East Tennessee. A large part of that music was country and the emerging style of bluegrass.

At the Appalachian Festival the Children's Museum will offer an opportunity to all who attend to hear the music of that time, and reminisce with performers who pleased millions during the 1940's with their talent and thus eased America's transition to a new day and time. Featured will be Charlie Acuff, Danny and Charles Bailey, Mack Sievers and Willie Sievers Sharp, Newman Wise, Homer Harris, Curly Fox and Tom Morgan. Author-folklorist Charles Wolfe will emcee this exciting panel-performance session.

A lunch, a petting zoo and many more activities have been scheduled for this year's Festival.



SUPERVISORS COMPLETE PROGRAM — Ten ORNL Plant and Equipment Division employees recently completed the first Supervisors Development Program for 1981. The six-week course is designed to teach supervisors the importance of safety on the job. At the presentation ceremony were, in the back row from left, A. Larry Allen; L. R. (Stacky) Sullivan; D. Neal Smith; Bob E. Carden; Guinn A. Lockett; Jerry B. Young; Bruce E. Wilson; George W. Oliphant, Plant and Equipment Division director; Bob M. Farnham; Carl L. Fox. In the front row are John A. Auxier, Industrial Safety and Applied Health Physics Division director; Otis F. Latham; Charles J. Brown; Ray E. Millspaugh; Ed W. Cunningham; Bruce H. Mynatt; Ray H. Ward.



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