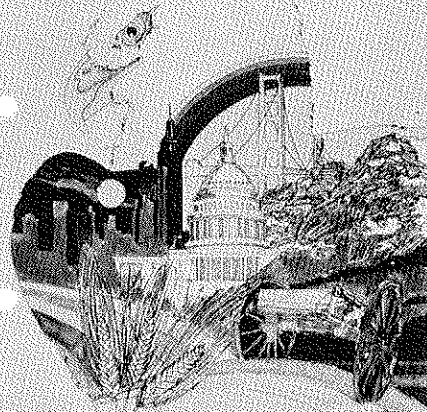


## TAKE STOCK IN AMERICA

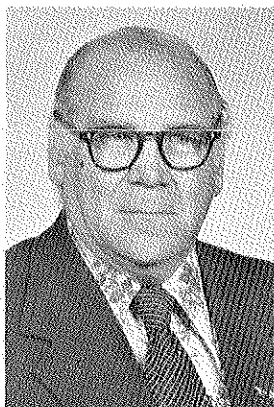


Buy U.S. Savings Bonds

### Dividend Declared

Goodyear's directors have declared a regular quarterly common stock dividend of 27.5 cents a share, payable June 16 to shareholders of record May 16.

### Manning Receives Silver Beaver



Roy Manning, Process Engineering, was the recipient of scouting's highest adult honor when he was awarded the Silver Beaver at the Chief Logan Council's Annual Recognition Banquet in Chillicothe recently.

Also honored at the banquet was Roger Jackson, Materials Sampling and Testing, who was presented a Scout Statuette for outstanding services rendered to the Chief Logan Council Program.

Others from GAT who are past recipients of the Silver Beaver Award are: Jim Dysart—1961 (now with GT&R), Charles Hobbs—1963, Don Caughlan—1968, Pat Mullins—1969, Carl Crawford—1970, Al Williamson—1971, Clyde (Sid) Secrest—1972, and Louis Shy—1973.

More than 2,000 boys are involved in Goodyear Scouting activities throughout the world, according to the annual summary reported by C. E. Bloedorn, director of recreation for the parent company in Akron.

# Bank On America; Buy U. S. Bonds

Our 1975 poster is another interpretation of the theme, "Take Stock in America." It conveys strength. And that's what Bond-buying can do for America and Americans: help maintain our economic strength in a non-inflationary way. Gabriel Hauge (Board Chairman, Manufacturers Hanover Trust), who is 1975 U. S. Industrial Payroll Savings Chairman, says: "U. S. Savings Bonds are a

cornerstone of U. S. debt management because they offer a ready source of non-inflationary financing. Maybe you never thought of Savings Bonds as a loan to your country. But that's exactly what it boils down to. And it's a loan the government guarantees will be repaid at 6 per cent when held to a maturity of 5 years."

Bond interest is exempt from

state or local taxes and Federal tax may either be declared annually or deferred.

All employees are encouraged to take advantage of this means of systematic savings. Any employee wishing to sign up for the purchase of U. S. Savings Bonds by payroll deduction or desiring to increase their deduction authorization should contact the Payroll Department.

## The WINGFOOT CLAN

A Subsidiary of

Goodyear Atomic Corporation

The Goodyear Tire & Rubber Company

Volume 22

Piketon, Ohio, June, 1975

Number 6

### GT&R Covers Enriching Processes

## GAC Develops Gas Centrifuge

Goodyear Aerospace Corporation has taken the lead in producing a new type of equipment to enrich uranium.

President Morris B. Jobe announced May 1 that GAC has designed gas centrifuges and that they are successfully undergoing test operations in our Akron facilities.

"We are farther along in centrifuge development than any other privately funded company in the United States," he said.

Other centrifuges developed in the U. S. were funded by the Energy Research and Development Administration (ERDA), which is a successor to the Atomic Energy Commission.

Our centrifuges, Jobe said, "show great promise" of enriching uranium more efficiently—hence, more economically—than is being done in present enrichment plants.

Our development efforts are completely independent of Goodyear At-

omic work, Jobe said, and are being conducted under a contract that gives us access to classified ERDA data.

Our work also is independent of Goodyear's venture in Uranium Enrichment Associates (UEA).

Centrifuges whirl the lighter U-235 atoms into special collection piping. They require only 10 per cent as much electricity as diffusion. Jobe said GAC plans to produce and sell centrifuges to companies, consortiums or government agencies that will build and operate the many enrichment facilities needed in the U.S.

## GT&R And Bechtel Plan UEA Project

The Goodyear Tire and Rubber Co. has joined Bechtel Corporation of San Francisco in Uranium Enrichment Associates (UEA).

The UEA partnership tentatively plans to build the nation's first privately sponsored uranium enrichment plant.

Additional domestic and foreign partners are expected in the venture, according to Jerome W. Komes, Bechtel president, and Charles J. Pilliod, Jr., Goodyear board chairman.

UEA, established in late 1972, also has renewed an option on 1,720 acres of land near Dothan, Alabama, as the tentative site for a gaseous diffusion plant.

Komes said construction of the facility is contingent on government support and additional U. S. investment. He said the plant, which could be operational by mid-1983, would have a yearly capacity of nine million separative work units (SWU's)—about 4,500 tons of enriched uranium.

Based on 1974 estimates, the plant would cost \$2.75 billion with revenues forecast at more than \$600 million a year.

Komes said he welcomed Goodyear's participation early in the venture because of its "general competence," its 22-year experience in operating the gaseous diffusion enrichment plant at Portsmouth, and because of Goodyear Aerospace's "significant investment" in self-sponsored work on centrifuge technology for uranium enrichment.

UEA expects to start definitive design work on the plant later this year upon culmination of the current transition phase of the project.

Komes said UEA is projecting a U. S. market for about 40 per cent of the plant's capacity with the balance to go to non-U. S. utilities.

He noted that 62 per cent of ERDA's present enriching contracts serve domestic customers and the balance involve foreign customers (excluding several conditional contracts abroad).

## Swope And Smith Awarded Patent

The work of two GAT employees has resulted in a recent U.S. patent. Lawrence G. Swope and Emory A. Smith are the inventors of a "Gas Chromatograph Column Material" for which U. S. Patent Number 3,877,894 was issued. The two men were working in the Process Technology Department, D-521, when the invention

was developed. Mr. Swope has since transferred to the Safety Department, D-241.

A gas chromatograph is used to determine the composition of mixtures of gases. Sample mixtures are allowed to flow into the gas chromatograph column where they are sep-

(Continued on Page 4)

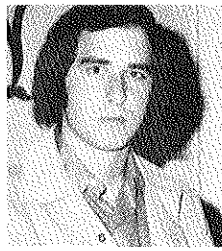
# Congratulations



**Paula Christopher**  
Georgetown College  
N. F. Christopher D-554



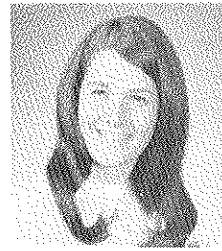
**William D. Clark**  
Ohio University  
B. J. Clark D-522



**Jeff Eleess**  
Rio Grande College  
M. O. Eleess D-523



**Teresa Gullett**  
Ohio University  
D. Gastelle D-852



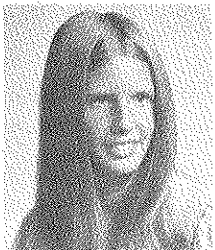
**Elaine A. Hoskins**  
University of Kentucky  
R. N. Hoskins, Jr. D-533



**Atlas M. Jones, Jr.**  
University of Podiatry  
Cleveland  
A. M. Jones, Sr. D-816



**Leanne K. Milligan**  
Milligan College  
D. L. Knittle D-8



**Anita D. Bennett**  
Minford  
G. R. Bennett D-732



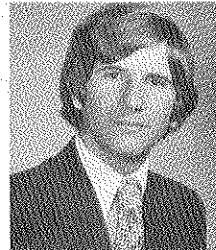
**Judy C. Blair**  
Minford  
B. Blair D-722



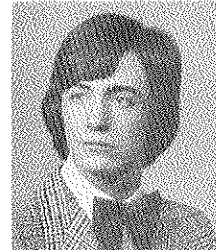
**Vickie Blakeman**  
Eastern  
J. Blackman D-424



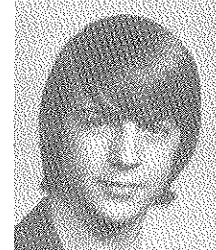
**Ramona F. Bloomfield**  
Clay  
L. J. Bloomfield D-532



**Douglas B. Bowers**  
Chillicothe  
B. L. Bowers D-113



**Jody Brown**  
Waverly  
D. R. Brown D-711



**Joe E. Brown**  
Minford  
I. E. Brown D-712



**Kathy A. C. Jackson**  
B. J. Clark D-5



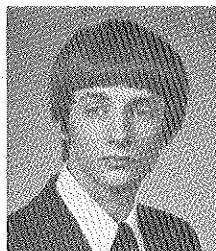
**David A. Flannery**  
Portsmouth  
W. Flannery D-424



**Rhonda Foster**  
Portsmouth West  
J. O. Foster D-113



**Suzie Frazier**  
Clay  
H. E. Frazier D-851



**Gregory R. Fyffe**  
Waverly  
R. Fyffe D-711



**Lori S. Glass**  
Wheetersburg  
R. T. Glass D-422



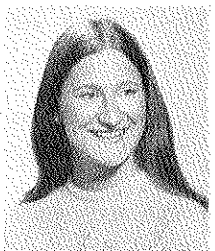
**Jocelyn M. Glover**  
Chillicothe  
W. E. Glover D-554



**George S. Hall**  
Minford  
J. F. Hall, Sr. D-734



**John L. Harris**  
Northwest  
T. J. Harrison D-



**Dana J. Hyland**  
Green  
J. A. Hyland D-375



**Arlene Kohut**  
Waverly  
S. A. Kohut D-761



**Carlene Kohut**  
Waverly  
S. A. Kohut D-761



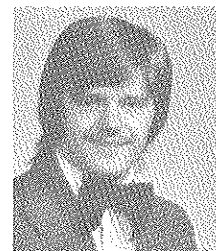
**Cathy Landrum**  
Chillicothe  
W. E. Landrum D-811



**Cynthia Legg**  
Waverly  
R. F. Legg D-731



**Marilyn K. McCoy**  
Clay  
R. L. McCoy D-722



**Kim W. Manley**  
Clay  
D. N. Manley D-761



**David L. Maple, Jr.**  
Waverly  
D. L. Maple I D-



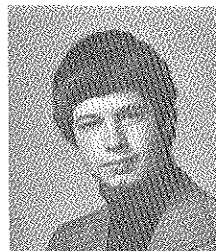
**Pamela J. Murray**  
Valley  
S. Murray D-112



**Lesa Mustard**  
Waverly  
G. L. Mustard D-535



**Marlena Parker**  
Valley  
J. T. Parker D-732



**Robert G. Penn**  
Pikeston  
D. M. Penn D-101



**Valli Prall**  
Waverly  
H. D. Prall D-734



**Tanya G. Pullin**  
Greenup County  
N. K. Pullin D-816



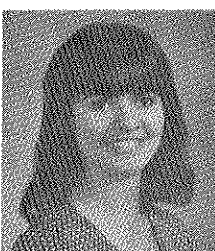
**Sherryl J. Ridgeway**  
Jackson  
E. E. Ridgeway D-761



**Greg Roach**  
Notre Dame  
A. E. Roach D-76



**Lindy Smith**  
Jackson  
A. D. Smith D-711



**Vanita L. Smith**  
Chillicothe  
J. R. Smith D-712



**Donna L. Spring**  
Chillicothe  
H. Spring D-552



**Richard A. Talda**  
Bishop Flaget  
A. Talda D-712



**Janice A. Waldron**  
Vinton County  
N. M. Waldron D-722



**Rick Webb**  
Clay  
M. G. Webb D-424



**Judy A. Weber**  
Portsmouth West  
J. A. Weber D-811



**Susan L. Weghorst**  
Portsmouth West  
C. H. Weghorst D-85

# Class of 1975



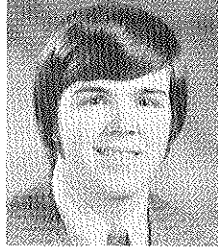
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Grace Theological  
Seminary  
Wesley L. Niner D-424



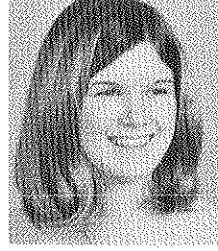
Karen S. Powell  
Rio Grande College  
M. W. Powell D-552



Kenita L. Robinson  
Ohio University  
C. E. Horner D-424



Michael Trivisonno  
Ohio Institute  
of Technology  
C. F. Trivisonno D-552



Patricia Trivisonno  
University of Kentucky  
C. F. Trivisonno D-552



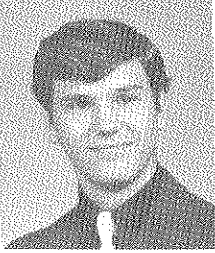
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Rio Grande College  
N. J. Vulgamore D-817



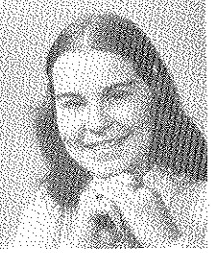
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Capital University  
P. M. Young D-533



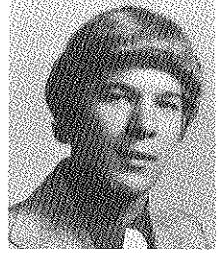
Nancy L. Clark  
Jackson  
Nancy L. Clark D-341



John Cooper  
Pike County  
Vocational School  
D. Cooper D-721



Sue A. Corns  
Portsmouth  
W. H. Corns D-851



Dennis J. Donahoe  
Minford  
W. J. Donahoe D-113



Donna Duffey  
Chillicothe  
R. L. Duffy D-761



Joe Elcess  
Oak Hill  
M. O. Elcess D-523



Joseph M. Eyre  
Chillicothe  
J. J. Eyre D-710



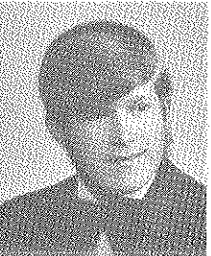
Joyce A. Fannin  
Clay  
H. T. Fannin D-852



Ielmie Hatfield  
Eaton Flaget  
P. Hatfield D-738



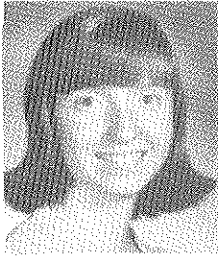
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Jackson  
C. R. Holdren D-761



Ronald Holsinger  
Glenwood  
V. Holsinger D-829



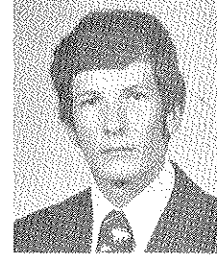
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Portsmouth  
R. F. Hoover D-722



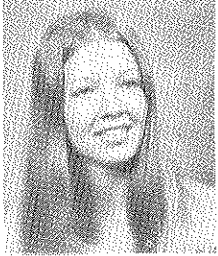
Carolyn A. Horne  
Eastern  
M. L. Horne D-426



Brenda Horner  
Bloom Local  
C. E. Horner D-424



Timothy L. Hoskins  
Waverly  
R. N. Hoskins, Jr. D-533



Cathy G. Howard  
Greenup County  
H. C. Howard D-851



Chip Maxey  
Chillicothe  
Casari D-761



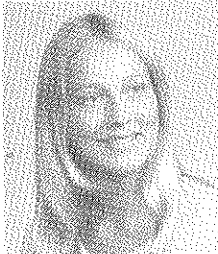
Becky A. Merrill  
Wheelersburg  
J. B. Merrill D-712



Brenda Miller  
Jackson  
D. S. Miller D-351



Randy Miller  
Valley  
C. D. Miller D-851



Sarah L. Mills  
Valley  
H. D. Mills D-710  
A. B. Mills, Jr. D-722



Tamela A. Mills  
Laurel Oaks  
Vocational School  
P. W. Mills D-112



Paul L. Mullens  
Eastern  
R. W. Mullens D-826



Robert B. Mullins  
Waverly  
W. Mullins D-112



John A. Roberts  
Glenwood  
E. Roberts D-829



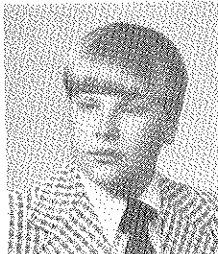
Jane Robinson  
Waverly  
J. W. Robinson D-554



Randall E. Schlister  
Minford  
R. E. Schlister D-816



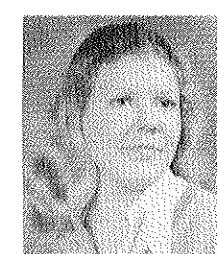
James R. Schneider  
Clay  
G. R. Schneider D-712



Philip P. See  
Valley  
S. J. Radabaugh D-540



Sharon Shaw  
Clay  
R. W. Shaw D-311



Peggy Simpson  
Chillicothe  
W. R. Simpson D-421



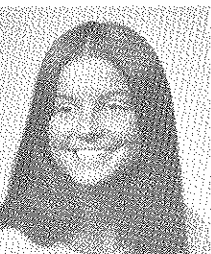
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Waverly  
J. Skinner D-711



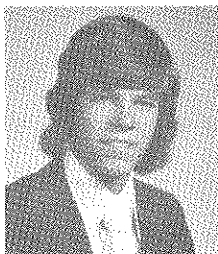
Lisa Welch  
Waverly  
L. Welch D-817



Marcia Welton  
Portsmouth  
W. A. Welton D-823



Kimberlee White  
Portsmouth  
R. D. White D-761



Eric Williams  
Portsmouth East  
G. J. Williams D-540



Pamela Willis  
Chillicothe  
C. D. Willis D-550

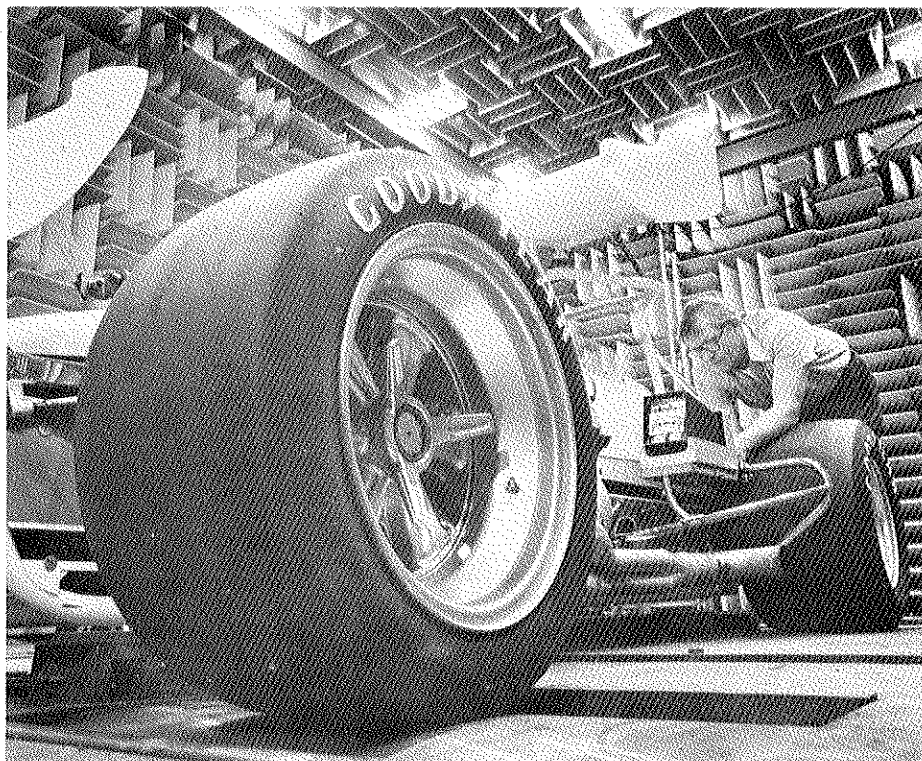


Suna E. Woods  
Chillicothe  
J. M. Woods D-531



Lynn E. Yerian  
Jackson  
W. J. Yerian D-761





Goodyear race tires were brought indoors for testing in the tire industry's most advanced sound and vibration chamber in preparation for the Indianapolis 500. Instruments inside the test car—

whose wheels turn on rollers built in the floor—determined if the tires were free of unusual vibrations that could affect the handling of the 210-mile-per-hour Indy race cars.

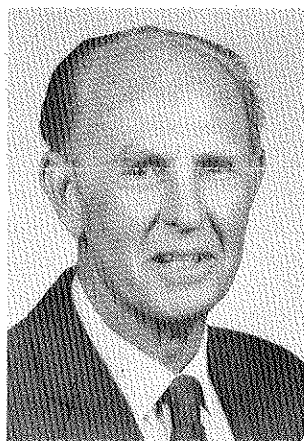
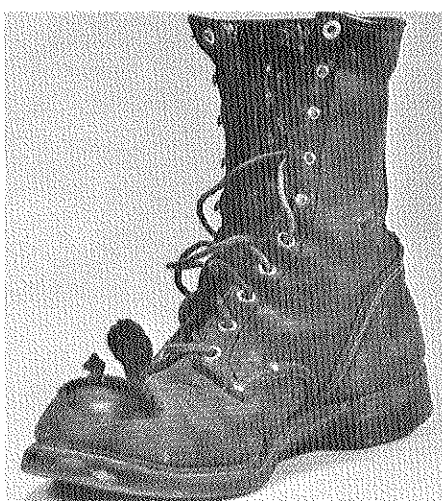
### Wear Safety Shoes

## Only Bruised

On May 9, Aiva Evans, D-112, was using a power lawn mower at his home and as he was mowing a bank his right foot slipped and slid under the mower.

The mower blade struck his shoe several times before he could get his foot free from the mower. Fortunately, Mr. Evans was wearing safety shoes and the steel toe-cap in his shoe saved him from serious injury. Mr. Evans' toes were bruised by the force of the blows, but they were not cut.

Mr. Evans states that he wears safety shoes as a matter of course when performing work about his home. All GAT employes can obtain safety shoes and should develop a habit of wearing them when working at home.



## Osborne Retires

Irwin E. Osborne, Maintenance Mechanic in D-724, retired under normal retirement procedures May 1 with over 21 years of service.

## Classifieds

1973 Ranchero GT. Power steering, power disc brakes, a/c, bucket seats. 17,000 miles. \$3,200. Call Jim Miller 776-2851.

House on Brewer Hts., Chillicothe. 3 bedrooms, finished basement, attached two-car garage. Full details, call 774-2853.

1972 Kawasaki motorcycle, 100 (G-4). Only 700 miles. 289-2450.

House, 607 Moulton Place, Portsmouth, Ohio. Call 353-7698.

Delux Thomas Transistor Organ. Leslie Speaker system. Color glow. Excellent condition. \$500. Telephone Jackson: 286-5233 after 5 P. M.

# Innovations Applied at 500

Builders of race cars for this year's Indianapolis 500 spent the winter hunting—for a little more speed from a little less fuel. Thanks to some new ideas and innovations in chassis, engine and tire design, they may have found it.

They got a chance to test their new ideas on the Indy track during the first two days of time trials. Racers also had a chance to qualify for the May 25 classic at trials on May 17-18.

A. J. Foyt had some good news for the other competitors—after taking an easy victory in the California 500. The good news was the talented Texan thought Goodyear's new race tire was worth about an extra three miles per hour.

The three-time Indy champ also had a new gadget in the cockpit that allowed him to control the fuel and air mixture going into the fuel injectors. If he has plenty of fuel, he can turn up the wick and go like gangbusters; if fuel is running low, he can lean the mixture to conserve fuel.

In addition, Foyt has discovered a way to eliminate the need for a rear sway bar on his new cars. The

Texan says this keeps more of the rear tires on the ground and gives him better traction. A lot of chief mechanics would like to know his secret.

Goodyear got into the creating and came up with a new race tire not only for the California 500 but with an improved version for Indianapolis.

"The new tire we had for the California 500 was about three miles per hour faster than last year's tire and we came up with some new ideas to make it even better for Indianapolis," said John Shackleton, head of Goodyear's race tire development. "Both the front and rear tires are new in construction and compound."

## Patent Awarded

(Continued from Page 1)

ated as a result of physical properties of the column material. The column material for which the patent was granted is resistant to degradation by gases containing fluorides, so it is particularly useful in the uranium enrichment industry. The material is now used in laboratory investigations that are intended to bring about improvements in the gaseous diffusion process.

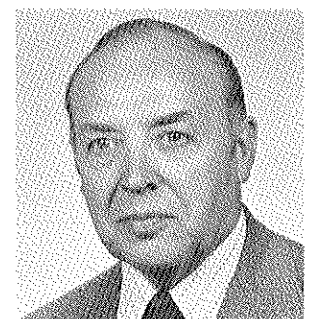
In the twenty-three year history of Goodyear Atomic Corporation, nine unclassified patents have been granted and two classified inventions have been allowed by the U. S. Patent Office in the names of Goodyear employes. All rights for these inventions are assigned to the United States Government. Private individuals and corporations may negotiate non-exclusive licenses with the Government for use of any unclassified patents.

## Zeek Promoted In 800 Division

Robert M. Zeek was promoted to Supervisor of Cascade Operations on May 2, 1975. Bob was hired in July of 1953 as an Assistant Cascade Coordinator. He held several positions in the Production Division including Supervisor of Process Area in April, 1956.

He exited in July of 1964 to work for a military pyrotechnical company, PACE, in Memphis, Tennessee. He returned to GAT in December 1967 as an Engineer, Sr., in the Production Division.

A Chemical Engineering graduate of Ohio State University, Bob has taken several additional graduate courses at O. S. U. and the University of Cincinnati. He and his wife, Mary, live on Belair Drive in Lucasville.



Zeek

Return Requested

Goodyear Atomic Corporation  
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Piketon, Ohio 45661

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