

# The WINGFOOT CLAN

Goodyear Atomic Corporation

A Subsidiary of  
The Goodyear Tire & Rubber Company

Volume 26

PIKETON, OHIO

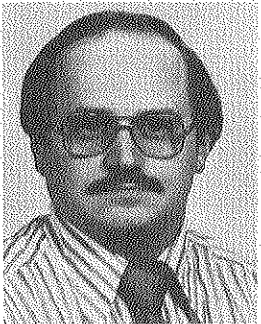
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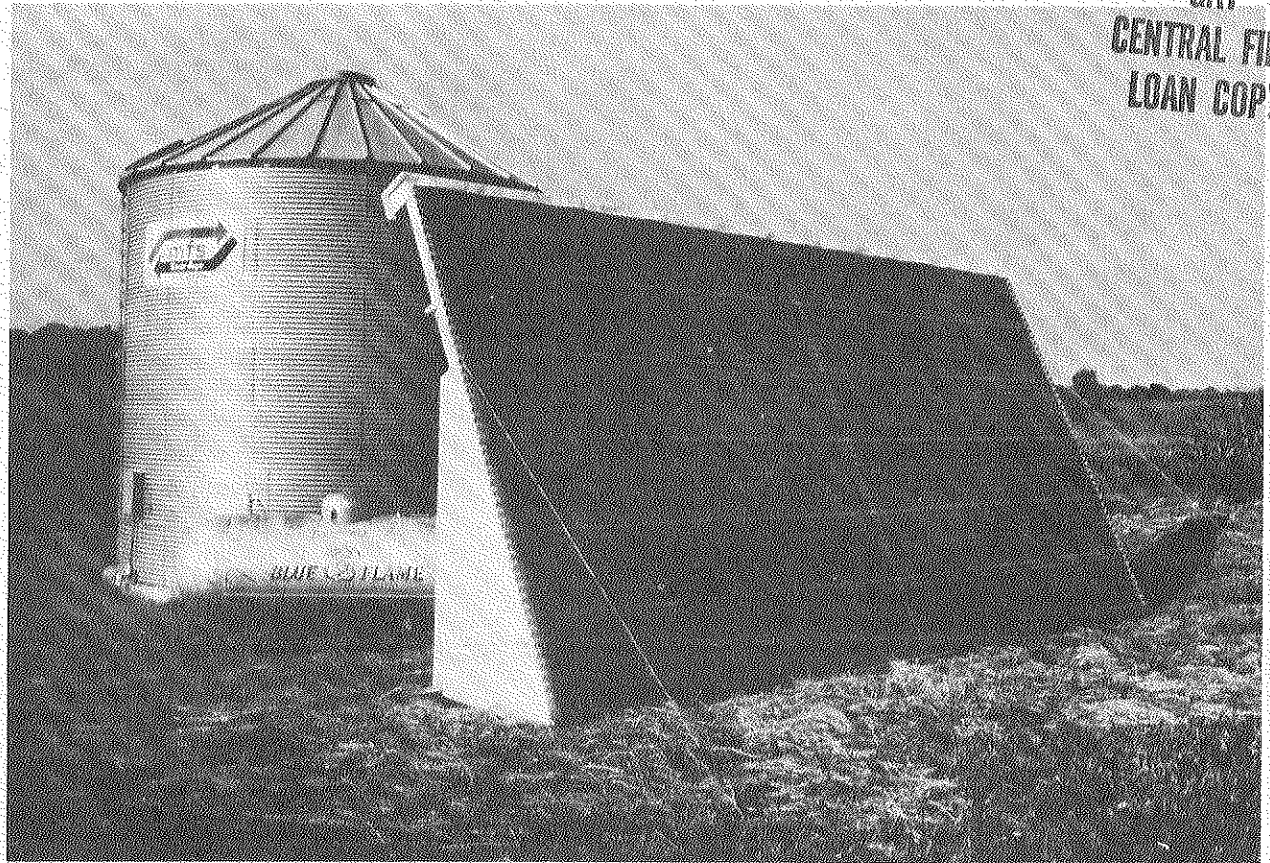
## Harley builds solar dryer

Charles F. Harley, Jackson County farmer and Goodyear Atomic employee, realized a significant accomplishment in the local field of agriculture this summer by constructing a solar grain dryer.

Harley, supervisor of Process Technical Services (D-582) and a Goodyear Atomic employee since 1968, operates a 150-acre farm near Jackson, working evenings, weekends, holidays and during vacations. He grows corn, soybeans, wheat and hay on cropland restored from old peach and apple orchards in his five years of farm ownership.



Harley



Chuck Harley, Jackson County farmer and GAT employee, constructed this solar grain dryer for about \$600. The dryer is built on skids and can be moved from Harley's 5,000-bushel grain bin to other locations. It can be used to help heat brooding houses and other livestock shelters or farm machine shops and machinery sheds.

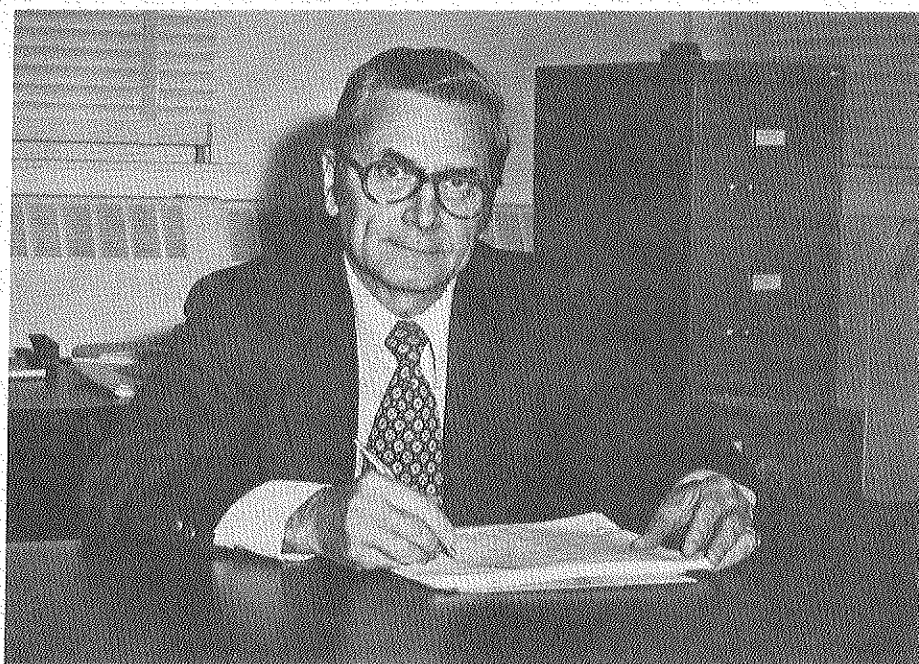
Chuck constructed his solar dryer, a simple triangular structure with a 12 X 24 foot collector surface, from materials purchased in local hardware stores. The total cost was about \$600.

On any sunny or cloudy-bright day, air in the collector which has been heated by the sun's rays is drawn off by an electric fan through a duct in the bottom of a grain storage bin. The dryer is built on skids and can be moved to other buildings where it may be needed.

Harley became interested in the venture when he came across an article about the dryer in a farm magazine. His idea was to help defray increasing operating expenses, especially those for fuel and propane gas required for grain drying.

Harley constructed the dryer through a farm facility loan from the Agricultural Stabilization and Conservation Service (ASCS) of the U. S. Department of Agriculture. His was the first loan made by ASCS for a solar grain dryer.

## Zigler reaches 45-year milestone



Imagine a career spanning 45 years with one company.

Maurice R. Zigler, superintendent, Management Control, celebrated his 45th Goodyear employment anniversary November 21.

Zigler joined The Goodyear Tire & Rubber Company in 1934 as a clerk in Plant #2, Akron. He later was assigned to Production Squadron and other supervisory assignments in the Janitor Service and Inside Transportation and Stores departments.

Zigler was transferred to Goodyear Atomic in April 1953 as a Stores supervisor. He became superintendent, Materials & Service, in March 1958 and was promoted to his present position in 1970.

Zigler and his wife, Conza, are residents of Chillicothe.





Plastics in cars mean less weight and better gas mileage. Reinforced plastic parts like these grill and headlight panels produced by Goodyear's Jackson, Ohio, plant for the Ford Granada could account for up to 500 pounds of a car's weight by the mid-1980's -- nearly double the plastic used in today's typical passenger cars.

## Goodyear helps U. S. auto companies in drive for improved gasoline mileage

The drive by U. S. auto manufacturers for improved gasoline mileage is being fueled by Goodyear.

The company's breed of radial auto tires, compared with bias and bias belted tires, offer motorists improved fuel economy as well as better performance. Long-term tests under conditions approximating normal driving reveal an average of 3 percent to 5 percent savings projected over the life of the tire, when comparing new bias and radial tires.

A Goodyear-developed drive belt system that could reduce a car's weight about 100 pounds and increase gas mileage by as much as five-tenths of a mile per gallon will be on an estimated 250,000 cars in the 1980 model year.

By 1985, as many as 5 million cars -- or about half of American production --

could feature a single belt instead of the usual three to drive all under-the-hood accessories. Called "Serpentine" because of its winding path through engine pulleys, the one-belt system offers a possible engine space savings of almost an inch.

Goodyear is making several other contributions to Detroit's quest for fuel efficiency.

New advanced injection-molding equipment at the company's Jackson, Ohio, plant increases its capabilities to produce reinforced fiberglass materials for automotive grills and headlamp openings. The use of plastics in cars will almost double to 300 pounds by 1980 and reach 350 to 500 pounds by the mid-1980's.

## Wagner, Adams promotions part of subdivision changes

Several organizational changes are being made in the General Safety and Environment Management subdivision, effective January 1.

Virgil S. Emler has resumed the position of Superintendent, General Safety and Environment Management. Emler had been temporarily assigned last spring to direct the establishment of the new Safety Analysis department.

W. D. Netzer will become Supervisor, Diffusion Plant Project Management, in the Engineering division. Netzer formerly was supervisor, Environmental Control, and had been acting superintendent in Emler's absence.

Edgar R. Wagner has been promoted to Supervisor, Environmental Control, reporting to Emler.

The Safety Analysis department is to be transferred from Technical Services to the General Safety and Environment Management subdivision. Terry C. Adams has been promoted to Supervisor, Safety Analysis, also reporting to Emler.

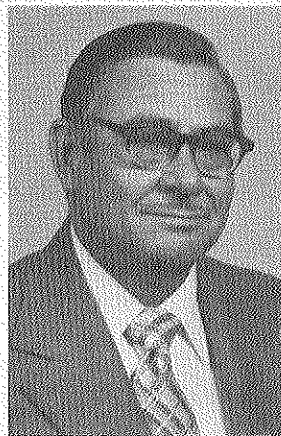
Wagner joined Goodyear Atomic in January 1976 as an engineer, Process

Engineering. He joined the Environmental Control department in June 1977 and most recently was acting supervisor.

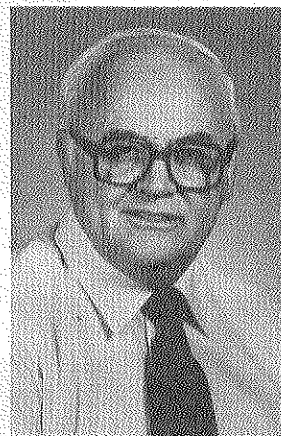
Wagner received a B. S. degree in chemical engineering in 1975 from Youngstown State University. He presently is working on a master's degree at Ohio University. Wagner and his wife, Rosemary, are residents of Waverly.

Adams joined Goodyear Atomic in April 1975 as a senior engineer, Mechanical & Civil Engineering. Most recently he was section head, Safety Analysis. Prior to joining Goodyear Atomic, Adams was employed with the Louisville and Nashville Railway System, Mead Corporation, and engineering and construction companies in Tennessee and Alabama.

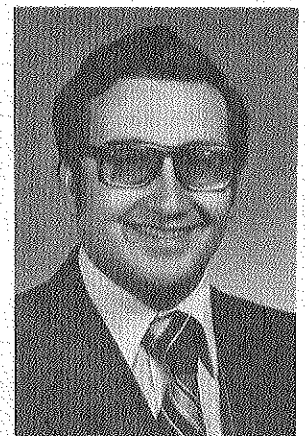
Adams has a B. S. degree in civil engineering from the University of Tennessee and a business administration degree from Ohio University. He and his wife, Patricia, are residents of Chillicothe and the parents of a son and a daughter.



Duncan



Adams



Wagner

## Duncan named superintendent of new engineering subdivision

James M. Duncan has been promoted to Superintendent of a new subdivision, Construction Management, effective January 1. He will report to W. G. Russell, manager, Engineering division.

Duncan joined Goodyear Atomic in November 1953 in Power Operations, and has served in various capacities in

plant engineering operations. Most recently he was supervisor, Safety Analysis.

Duncan was graduated from the University of Oklahoma in 1945 with a B. S. degree in electrical engineering under the Navy V-12 program.

He and his wife, Joan, are residents of Portsmouth.



# Fifteen employees reach 25th service year level

A silver employment anniversary is an event of December for 15 Goodyear Atomic Corporation employees.

**Norman F. Christopher**, staff of the assistant general manager, Technical Services; **Thomas W. Peery**, Finance division; **Charles H. Crabtree**, Purchasing & Materials division; **Woodrow R. Green**, Technical division; and **Frank Buckalew Jr.**, OCPO, reached the 25-year mark December 1.

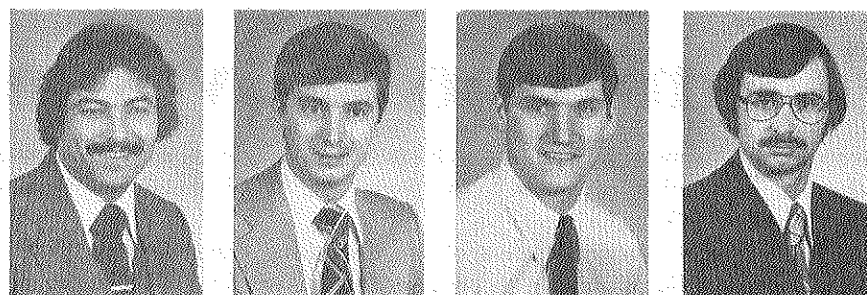
**Betty L. Powell**, office of the AGM, Technical Services; **Jeanne Keiser**, Finance division; and **Lester H. Helmick**, Maintenance; each began work with GAT on December 6, 1954.

**Marvin K. Meadows**, Maintenance division, began work on December 13, 1954.

**Martin Redden**, Safeguards & Security division; and **Barbara L. Hickman**, Maintenance division; began their Goodyear Atomic careers on December 16, 1954.

**Addison W. Cox**, Maintenance, looked back 25 years from December 20 to the beginning of his GAT employment.

Three employees reach the 25-year employment mark on December 27. They are **Homer B. Chambers**, Purchasing & Materials division; **Richard W. Sparks**, Technical division; and **Charley S. Knauff**, Engineering division.

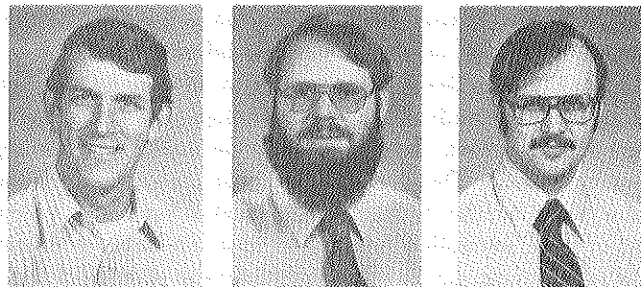


Brakenbury

Johnson

Ondera

Hoffman



Walters

Oxenham

McClelland

# Seven promotions listed for Company personnel

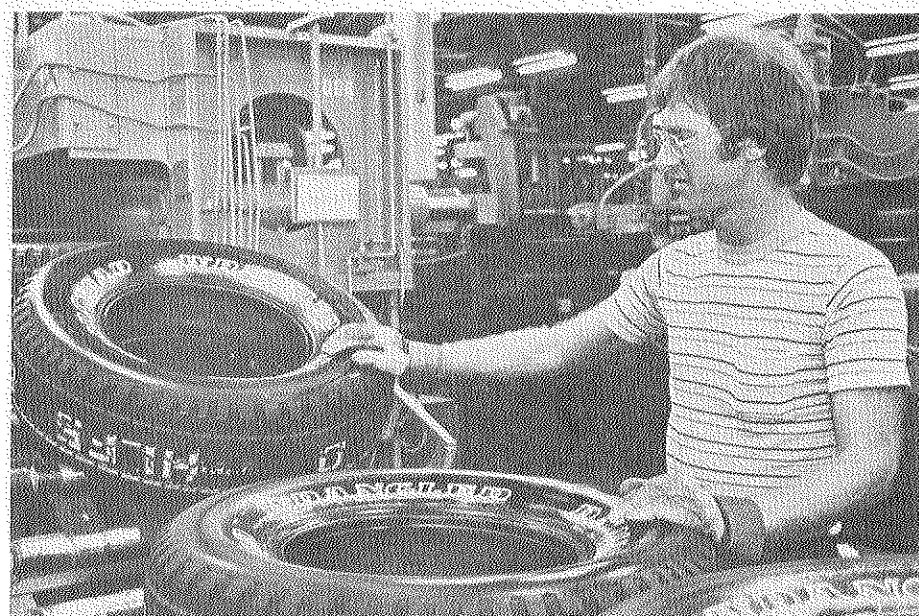
Seven Goodyear Atomic Corporation employees have been promoted.

**Kenneth A. Brakenbury**, **Claude W. Johnson Jr.** and **Christopher L. Ondera** have been promoted to Power Coordinator-Foremen, Power Operations (D-851). They report to **Gerald V. Bethel** and **J. Forrest Newman**, general foremen.

**Allen F. Hoffman** and **Donald E. Wal-**

**ters** were promoted to Foremen-Auxiliary Operations, Utilities Operations (D-852). They report to **Robert E. Childers** and **Herman T. Fannin**, general foremen.

**Robert L. Oxenham** and **Thomas W. McClelland** have been promoted to Section Heads, Safety Analysis, effective January 1. They report to **Terry C. Adams**, supervisor.



## Radials rolling along the "pipeline"

Wrangler Radial tires for four-wheel-drive vehicles roll away from curing presses (left) at Goodyear's plant in Topeka. As the tires near the end of a series of quality control inspections and tests (right), they are fed into a force variation machine that measures the lateral and radial responses in a rolling tire. Wrangler Radials were developed in off-road racing, and were on the winning cars in six classes at the recent World Championship Off-Road Races at Riverside, Calif.



# Committee to oversee recreation, activities

Recreational functions and other Goodyear Atomic employee activities now are under the jurisdiction of a new plant group, the "GAT Employee Activities Committee," or (EAC).

The committee is a reorganization of the Recreation department. It has been designed to assure that all employees are given fair and equal representation relative to both recreational and other employee concerns.

Each division, depending on size, has assigned a certain number of representatives to the committee for fiscal year 1980. These assignments, and the results of a following election of officers, are listed for your information.

The new EAC took over in October. According to the committee's constitution, its purpose is "to promote, administer, and support employee activities in their various forms." As part of its function, the committee is responsible for the organization of three activities each year. These are the company picnic, Christmas party and recognition banquet. Also, the committee is to meet at least once a month to discuss the allocations of GAT recreation funds. The function of the committee is to give financial aid, if appropriate, and to offer any other type of support that is possible to bowling leagues, tennis tournaments, clubs, etc.

Allocation of corporate recreation funding will be made only to bona fide and approved activities organized for the employees of Goodyear Atomic Corporation. This is to be done in such a manner that no group function receives a disproportionate share. Approval of activities by the EAC shall require the assurance that all employees will have an opportunity to participate.

The EAC is requesting that groups planning to ask for financial support for the remainder of the fiscal year submit a letter describing the activity, explaining the request, and noting when and how much funding is required. This written request should be submitted to the appropriate division representative or mailed to one of the

EAC officers so that the committee can reserve designated funds if the activity meets appropriate guidelines.

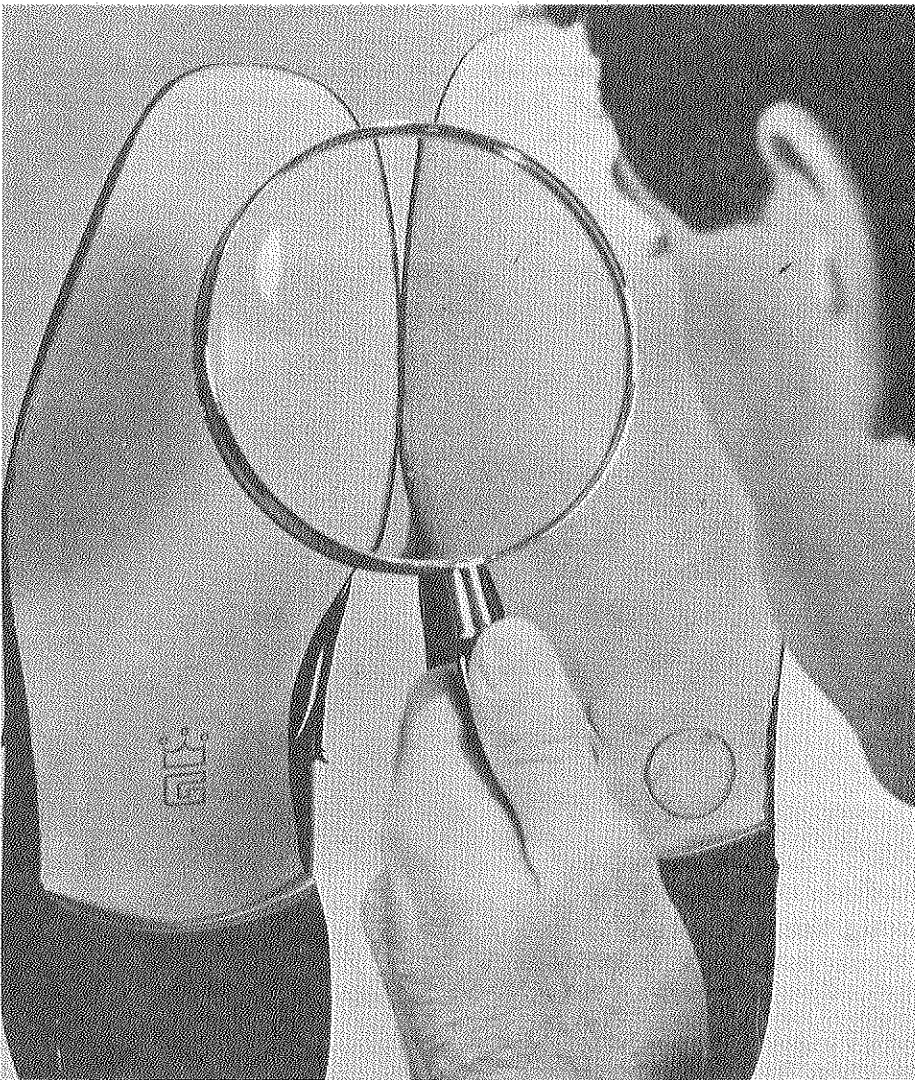
Those who want to take advantage of Magic Kingdom, Kings Island or Sea World discount cards can pick them up from Sue Fulk (Ext. 2158) in the Human Resources department, X-100 Building. Sue will be handling the telephone for the EAC in addition to distributing the discount cards.

Anyone with questions about the GAT Employee Activities Committee can contact his/her division representative or one of the committee officers.

## EMPLOYEE ACTIVITIES COMMITTEE

Fiscal Year 1980

Irma Lewis (Secretary)	D/005	2105	X-100
Marty Redden (Vice-President)	D/132	2195	X-100
Jerry Moore	D/231	2542	X-100
Debbie Brown (Treasurer)	D/321	2584	X-100
Susie Giles	D/411	2348	X-100
Dick Sparks	D/552	5925	X-710
Mabel Blair	D/530	2917	X-100
Gary Crandall (President)	D/611	2740	X-100
Brian Barnes	D/613	2710	X-100
Don Ferryman	D/741	4589	X-720
Dave Watts	D/852	5994	X-103
Ron Holsinger	D/923	5945	X-300
Jerry Bennett	D/122	5861	X-104
Gordon Johnson	D/220	2615	X-100



### Clones with sole

One shoe soled with leather and another with Goodyear Neotan appear identical when inspected with a magnifying glass. Neotan, the company says, duplicates the look, feel, weight and even smell of leather -- but outwears it. The Neotan sole is on the left.

## Scientists say synthetic sole satisfactory shoe substitution

It looks like a leather shoe sole. It feels like one. It even smells like leather.

But it comes from a test tube, is waterproof and can out-wear any soling material made from "raw materials" that stands on four legs.

Called Neotan and developed by The Goodyear Tire & Rubber Company, the material will replace leather in some of the more than 20 million pairs of shoes made every year with the natural material.

"The cost of leather hides has skyrocketed, up 138 percent in just one year, said Ned G. Kendall, general manager of Goodyear's Shoe Products Division.

"This trend is due to a reduction in the slaughtering of cattle and a 20 percent increase in U. S. exports," he said. "And while leather hide prices stabilized briefly this summer, we estimate that consumers pay an extra \$5 billion each

year for leather uppers and soles in lieu of a man-made materials that will out-wear its cattle hide counterpart."

Neotan duplicates leather by creating the same specific gravity, hardness, stiffness, weight, appearance, feel, flexibility and smell in the laboratory. The smell is created by adding chemicals to the proprietary Neotan formula.

"Even under a magnifying glass," Kendall said, "the two materials appear identical."

Neotan is the latest in Goodyear's evolution of man-made soling materials since 1901, when the then three-year-old company first made rubber heels. In the late 1930's, Goodyear developed Neolite heels and soles, which quickly became the company's most recognizable trademark.

Goodyear produces Neotan at its Windsor, Vt., manufacturing facility.

**Quality Assurance - Making Problems Not Happen. Pride and Quality Go Hand in Hand.**

# Quick decisions prevent paper piler syndrome

Each day infinite pieces of mail and other messages spill into countless offices, resulting in predicaments ranging from confusion to mild hysteria for those who are unsure just what priority the material should have.

The papers mix together in a desk top melting pot, forming inexplicable relationships that leave their owner wondering, "Now how did that get over there."

Things can get out of hand. Many persons swear that papers left in offices overnight mysteriously proliferate at an unchecked rate. Then there is the problems of papers "hiding" when someone returns a phone call. While the caller is engaged in time-filling conversation, the process of shuffling begins.

Yet, there are ways to prevent the creation of tottering paper piles. When a desk becomes a storage area rather than a process center, circumstances could be starting to deteriorate. Getting into the habit of putting things in a specific spot when they have been processed or no longer needed can create a more orderly office. Taking action or dealing with a

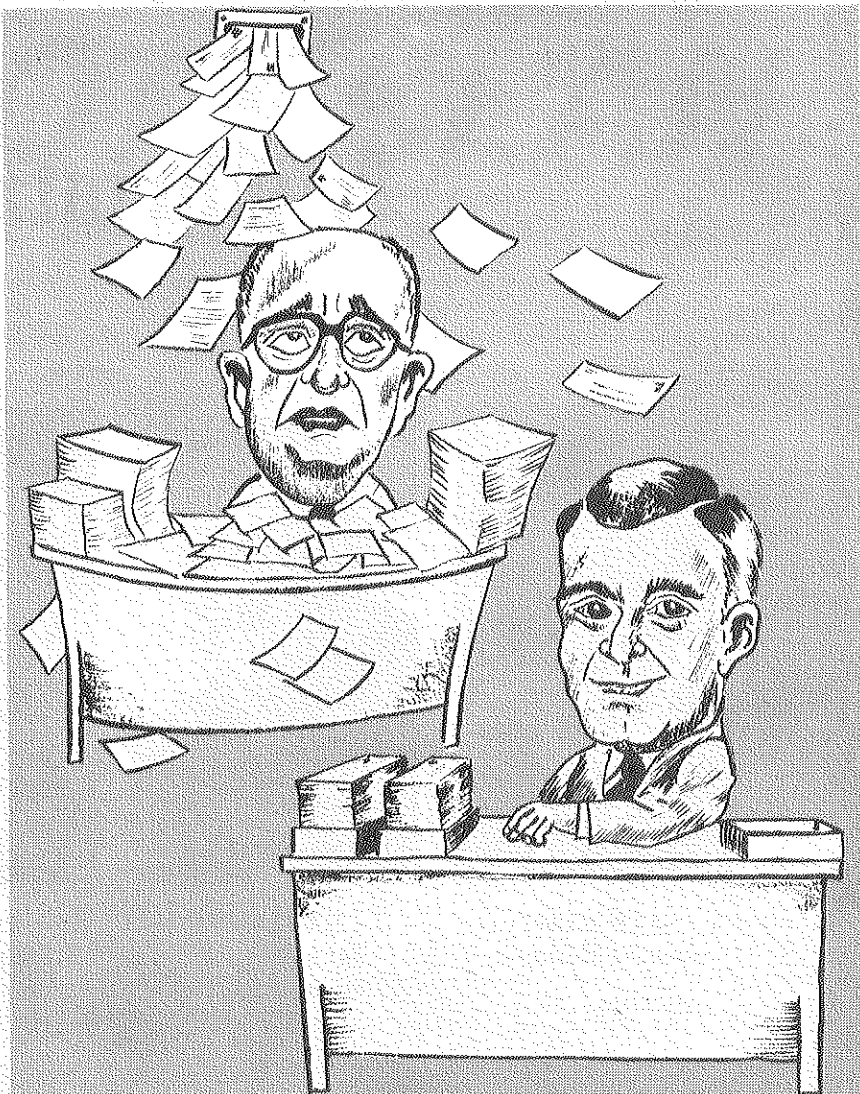
message immediately rather than delaying can save time later.

Louis Lundborg, retired chairman of the Bank of America, San Francisco, has noted that indecision is a significant part of jumbled papers. He advises that a response should be made promptly, regardless if it is negative or positive. A prompt reply will allow the letter writer to direct attention elsewhere if necessary. He compares a desk to a craftsman's worktable. Tools are not permitted to lie around on a worktable and likewise, files and papers should not be scattered on a desk.

If a reply needs more thought or if more details are necessary, he suggests time be allotted for that.

Paper pilers create problems for themselves and those working with them if they don't know where to find the paper with the question.

For those who hesitate on a response due to fears they will disappoint someone: Lundborg says anything is better than indecision.

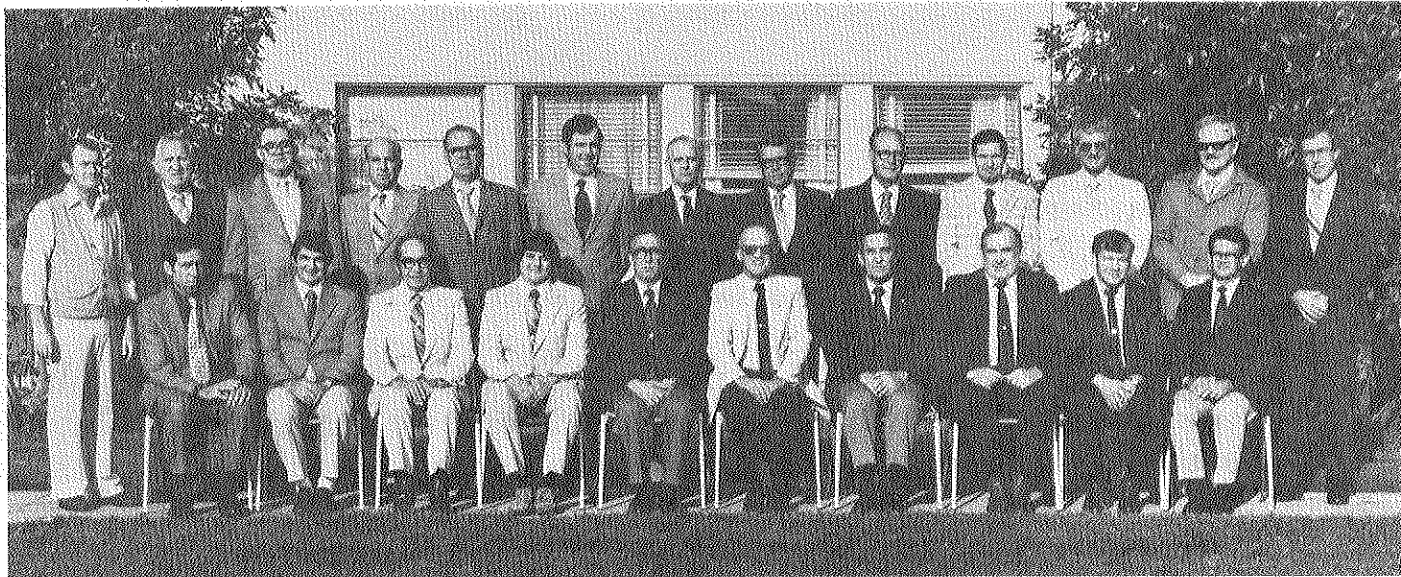


## Top Ten Club selections made

Selections for the 1979-80 Goodyear Atomic Top Ten Club have been made. The membership is shown at right. The Top Ten Club is designed, through recognition and motivation of foremen, to increase efficiency and performance. The new advisor for Top Ten is William M. Reffit, supervisor, X-326 Building.



Reffit



Here are the members of the new Top Ten Club. Seated are James I. Newman, Lonnie C. Murray, James M. Arthur Jr., Gary D. Davidson, William H. Pyles (secretary), Leo A. Simon (vice president), Charles R. McNish (president), Rawland Rickey (treasurer), Bernard P. Allen and Raymond E. Munn. Standing are Eugene G. Schoolcraft, Lawrence E. Greathouse,

Stanley O. Gillespie, Robert L. Smith, Carless C. Day, William E. Bellaw, Jack E. Beebe, Don G. Gastelle, Virgil O. Ramsey, Walter R. Arnold, Gerald G. Nelson, William A. Kelly and Gerald A. Althouse (assistant general manager present with the group). Members not present the day of the photograph were Daniel D. Adkins and Christopher D. Miller.

## Recreation Corner

The Goodyear Atomic Foremen's Club has planned a "Great New Years Party" for December 29 at the Homebuilder's Lodge, Chillicothe. The outing will feature music -- for listening and dancing -- as well as food, party favors and other attractions. Attendance will be limited to 150, so those interested should call for reservations now. The party begins at 7:30 p.m. and will last until 1 p.m. Call Stan Budzynski (X2346), Hank Eblen (X2972) or Dennis Williams (X5774). The cost is \$5 for members, \$5 for a date and \$8 for invited guests.

## OBITUARIES

**David F. Multer**, Portsmouth, November 7. Husband of Margaret M. Multer (D-351).

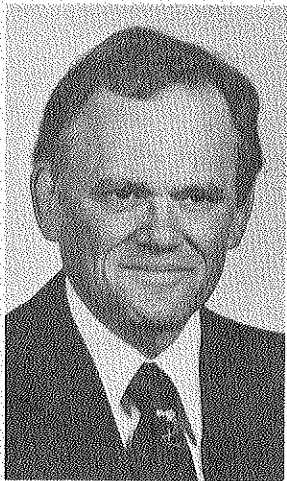
**Jacob O. McNeely**, Chillicothe, November 28. McNeely was a maintenance mechanic 1/C at the time of his retirement May 1.

## Credit Union board seeks new members

Atomic Employees Credit Union members who are interested in becoming a member of the board of directors should submit their names immediately to Les Oyler at Ext. 2551. The annual meeting and election will be in January.



# A Christmas Message



**NATE HURT**  
General Manager



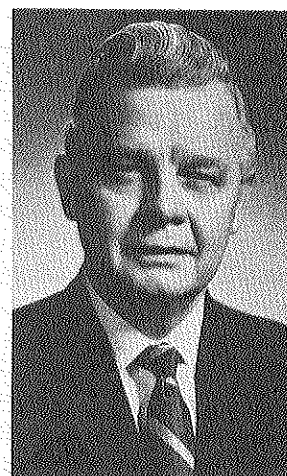
**CHARLES J. PILLIOD JR.**  
Chairman of the Board



**JOHN G. GERSTENMAIER**  
Vice Chairman



**ROBERT E. MERCER**  
President



**THOMAS F. MINTER**  
Executive  
Vice President

*As 1979 comes to a close with the traditional holiday season, people all across the world will again exchange festive greetings.*

*For Christmas is a time when we renew old friendships, forget our troubles and pass along our most sincere wishes to others for good health and happiness. It is a time, too, when we reflect on the things that have helped us deal with our everyday living.*

*Christmas reminds us of what we should be thinking of each day of the year, and that is love and respect for our fellow men.*

*As we look back over 1979, all of us in the Goodyear family can reflect on our relationships with each other in a common purpose during occasional trying times. That same spirit of understanding and cooperation can prevail if we sustain the spirit of Christmas throughout 1980 -- a year we hope brings prosperity to all of our people.*

*We wish all of you a Merry Christmas and a Happy New Year.*

