

# the WING FOOT CLAN

Goodyear Atomic Corporation

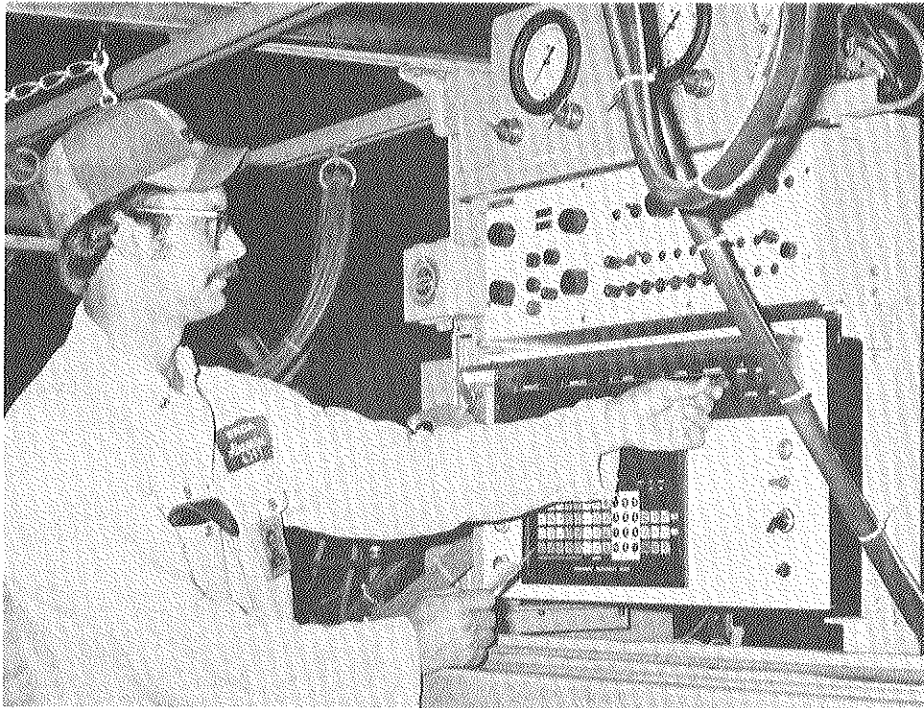
A Subsidiary of The Goodyear Tire & Rubber Company

Volume 30

Piketon, Ohio

August 1982

Number 8



**Computer age in the Weld Shop**

*Welder Jim Alexander uses a computer to specify the dimensions to cut a metal part on the Airco automatic shape cutting machine recently installed in the Weld Shop. Welders can cut metal by either the oxygen/acetylene or plasma arc methods into circles, squares, rectangles or other familiar shapes through programming of the computer. The cut is so precise that little or no machining is required before the part is used in fabrication. The machine is used primarily for plate cutting.*

## Emergency preparedness plan shared by GAT, Pike County

After almost 30 years of operation, the Portsmouth Area Uranium Enrichment Plant has never had an emergency which posed a threat to the health or safety of residents of Pike County.

But Goodyear Atomic, Pike County law enforcement officials and local response units have become more prepared to alert area residents should evacuation or other special procedures be necessary in the event of such an emergency.

Goodyear Atomic and the Pike County Disaster Services Agency have cooperated in the development of a preparedness plan which would encompass not only plant emergencies, but other incidents that might have effect on Pike County. The Pike County Commissioners and Sheriff have been instrumental in development of the plan.

In a seminar at the plant July 29, members of the Goodyear Atomic emergency planning staff and Pike County officials met to discuss the plan and prepare for its possible implementation.

Attendees included Pike County Sheriff James G. Dixon and deputies; Samuel Hughes, president of the Pike

County Board of Commissioners; Ralph Minter, Pike County agent for the Ohio Department of Natural Resources Division of Wildlife; and representatives of most county fire departments and emergency response squads.

Earl F. James is the director of the Pike County Disaster Services Agency, coordinator of the Pike County Emergency Medical Service and an employee of Goodyear Atomic's Medical Department. He explained that in consideration of the plant's excellent safety and operational record he "could not see the facility ever having a negative effect on its neighbors."

"However, that's no excuse not to be ready," he stated. "We feel the plan prepares us to better insure the safety of people in our county."

James noted that the State of Ohio requires that its counties — particularly those with nuclear facilities — have individual emergency response plans. At the same time, Goodyear Atomic is required by the U.S. Department of Energy to have formal procedures in readiness.

(Continued on Page 2)

## COMPUTERIZED WELDING

### Weld Shop uses new equipment for cutting metal plates

Computerization has come to the Weld Shop.

Utilizing newly installed equipment, welders in the department now are able to cut metal plates through use of a computer for use in later fabrication of process and other equipment.

The device can be programmed for cutting circles, squares, rectangles, triangles and other shapes from a variety of metals.

The Airco automatic shape cutting machine is equipped for either oxygen/acetylene or plasma cutting. Plasma arc cutting is a process in which the cutting of the metal is achieved by melting. Molten metal is removed by a high velocity jet of ionized gas.

Through a mini-computer, a welder can specify one of several familiar shapes for cutting the metal. For complex shapes, a template is prepared and then followed by an electronic eye to make the cut.

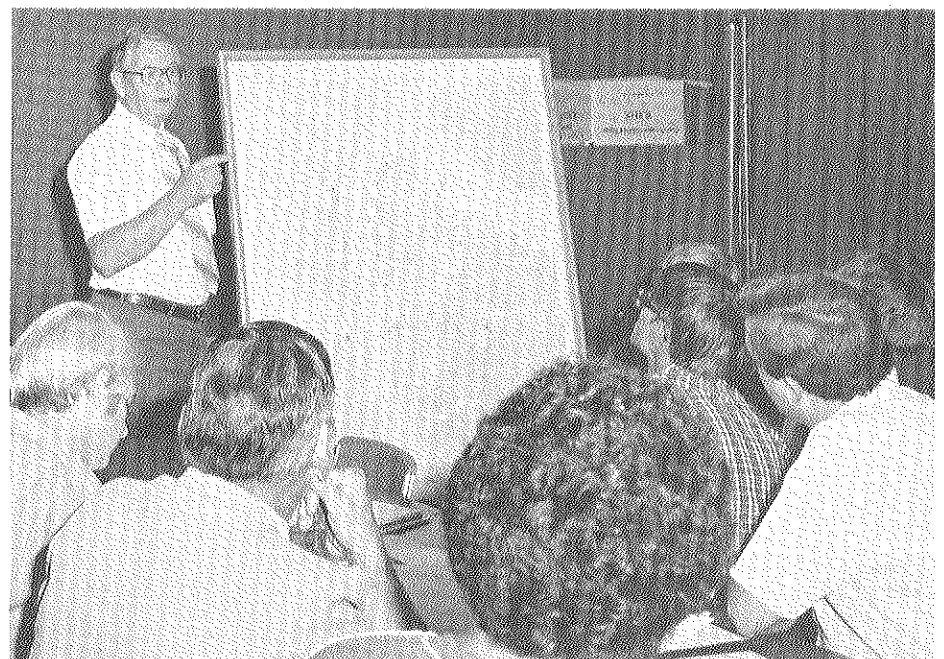
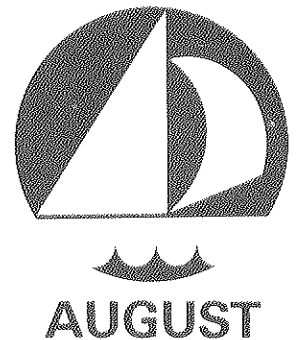
Gordon Sanders, supervisor, Shops Maintenance, noted that the electronic eye system was required for all cutting operations prior to installation of the new equipment.

"The new machinery enables a much more precise cut," he said. "It's very

significant in terms of cost reduction based on the fact that cutting time is lessened and little or no machining is required."

M. T. Sparks, general foreman, Sheet Metal and Weld Shops, said the machine can cut aluminum, monel, stainless steel and other metals, whereas the outdated system was limited in its metal cutting capabilities. On the new machine, each time the welder relocates the zero position, the machine will duplicate the part to the same cutting specification.

William H. Meyers, foreman, Weld Shop, noted that most welders had been oriented to the process. Its two primary operators are welders Jim Alexander and Ken Strickland.



*Earl James, director of the Pike County Disaster Services Agency and an employee of Goodyear Atomic, reviewed for county law enforcement and emergency personnel the quadrant map system which will provide for response team notification and/or evacuation of area residents in the event of a major emergency at the Portsmouth plant. Pike County officials were on plantsite July 29 for the special joint emergency planning session.*



Two new GMC buses now in use at the plant have regular built-in entry steps, a school bus-type of door and overhead rails. They also are equipped with air conditioning and AM/FM radio. The new vehicles will be used on plant bus routes. Driver Lonnie Schramm is shown with one of the new GMC buses.

## Plant transportation system improved by new GMC buses

To improve transportation service at the Portsmouth plant, two new buses have been purchased to carry passengers around the complex.

The new GMC buses carry 20 passengers each and are equipped with air conditioning and AM/FM radio. Passengers have reported ample headroom and convenient ingress/egress in the new buses.

The buses have built-in entry steps, a school bus-type of door and interior overhead rails. Passengers do not have to bend over to get to their seats.

The plant bus system is designed for use by all GAT employees in connection with work-related activities. Its purpose is to provide timely transportation and to limit the need for other types of passenger vehicles.

The system reduces transportation costs and conserves energy.

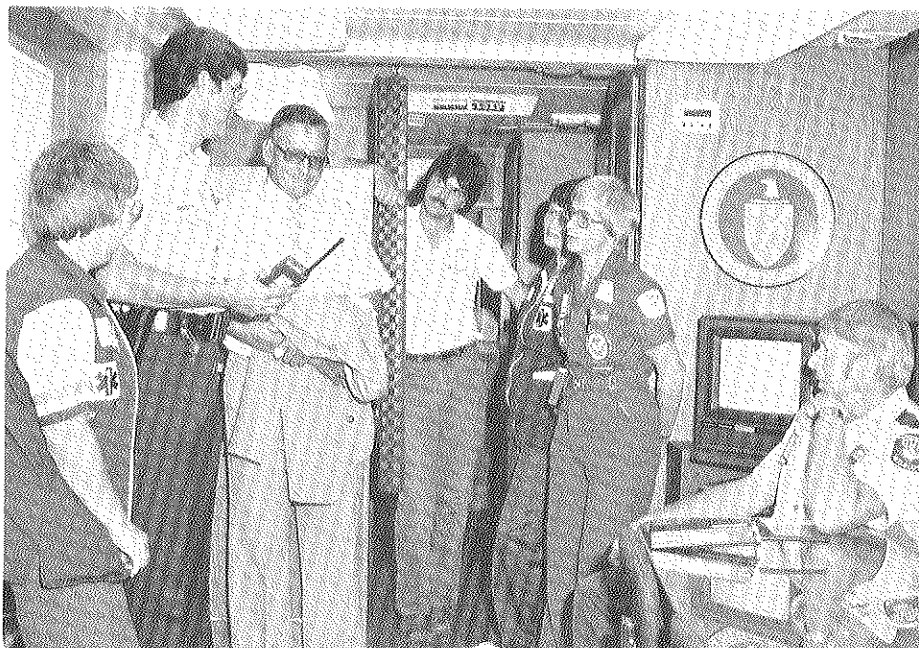
Buses operate on a daily basis during "O" shift. One bus completes three trips around the plant every hour — one every 20 minutes. The second bus completes two round trips at the diffusion plant and one round trip to GCEP each hour.

Because of staggered schedules, a bus actually passes any specific stop on plantsite every 10 minutes, although there are infrequent times when the schedule might be interrupted.

The buses are assigned primarily to service the established plant route; however, they also may be used for special purposes when local transportation for large groups is required.

Special arrangements can be made through the Motor Pool. If a bus is temporarily out of service, it is replaced with a van to insure continuity of bus system service.

Future reductions in the number of assigned vehicles at the plant will result in the need for alternative sources of transportation for many employees, and the plant bus system is expected to satisfy anticipated plant transportation needs.



Pike County law enforcement and emergency response personnel attending the July 29 emergency preparedness seminar at the uranium enrichment plant had an opportunity to take a look at the new mobile communications vehicle maintained by Goodyear Atomic for the Department of Energy. The vehicle can be used for emergency communications in times of natural or other disaster throughout the United States as authorized by DOE.

## Merit Scholarships

Once again Goodyear will provide National Merit Scholarships to the sons and daughters of employees, retirees and deceased employees.

High school students who will be entering college in 1984 and who are U. S. citizens are eligible to compete for these scholarships.

To enter the competition, students who will complete their high school requirements in 1984 and enter college that same year should arrange with their high school counselors, after school begins in September, to take the Preliminary Scholarship Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT).

The test will be given only on Oct. 19 or Oct. 23, whichever date fits most conveniently into each school's schedule. The test measures verbal and

mathematical abilities important in college work and requires one hour and 40 minutes testing time.

The annual competition is administered by the National Merit Scholarship Corporation (NMSC), an independent, non-profit organization whose purpose is to identify and honor exceptionally talented high school students. NMSC handles the selection of winners and the administration of the awards. Goodyear provides the funding.

All Goodyear scholarship winners will be chosen from among the sons and daughters who qualify as semi-finalists and then advance to the finalist standing in the 1984 program.

A brochure describing the program is available through the Training Department.

## Emergency Response Plan

(Continued from Page 1)

The Goodyear Atomic/Pike County Disaster Services Agency Emergency Preparedness Plan was formulated to meet both requirements. It is expected to provide for coordinated response efforts not only in the event of a plant emergency, but for other types of incidents such as natural disasters and non-plant related chemical transportation accidents.

William L. Kouns, superintendent, Shift Operations and Emergency Planning, explained that the plan is based on a map which defines quadrant zones within a five-mile radius of the enrichment plant. Emergency response teams and fire departments would work from an established command center within an affected zone and be prepared to go door-to-door to advise residents of

evacuation and other procedures if they were considered necessary. Kouns and James noted that the quadrant map is capable of being expanded to include all of Pike County.

Guests were welcomed at the beginning of the seminar by Lowell R. Hoyt, Industrial Relations director. Other speakers at the July 29 meeting included personnel from the Environmental Control, Industrial Hygiene & Health Physics, Medical, Public Communications and Fire departments, who discussed the nature of the uranium materials and chemicals in use at the plant and the capabilities of their respective areas to respond to emergency incidents. Participants also had the opportunity to tour the plant hospital and fire station and to view some of Goodyear Atomic's emergency response equipment.

In a recent appraisal, the U.S. Department of Energy stated that the Goodyear Atomic emergency preparedness program "continues to be rated excellent". The plant's emergency program encompasses a comprehensive facility plan, frequent drills and exercises, professional emergency response teams and a wide range of equipment and facilities in addition to the new plan developed jointly with officials of Pike County.

### the WINGFOOT CLAN

GOODYEAR ATOMIC CORPORATION  
A subsidiary of The Goodyear Tire & Rubber Company  
Acting Under

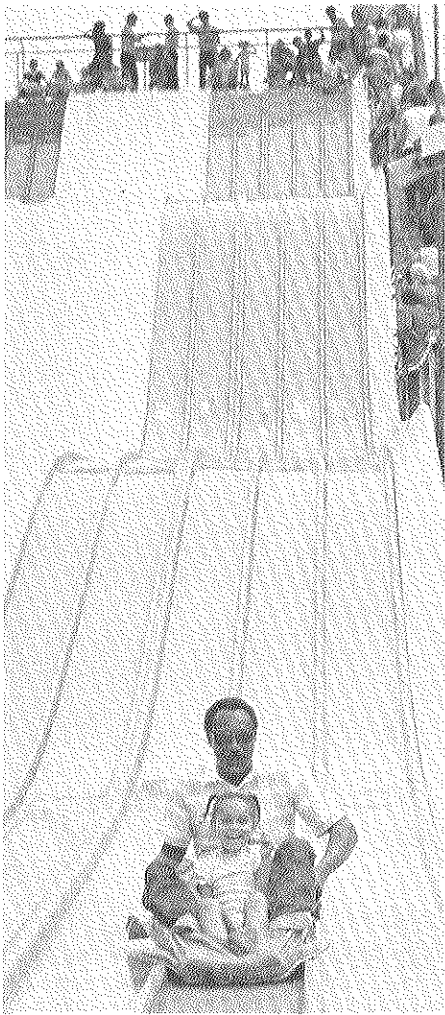
U. S. Department of Energy  
Contract DE-AC05-76OR00001

Published Monthly in the Interest of Employees of the  
GOODYEAR ATOMIC CORPORATION  
An Equal Opportunity Employer

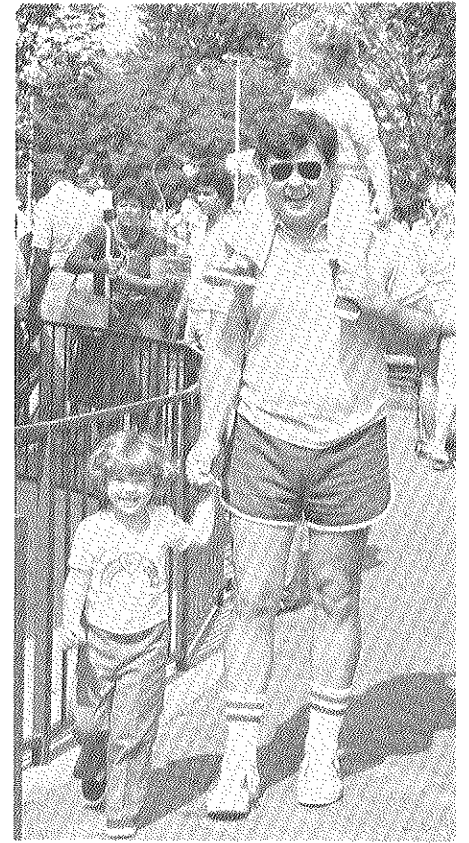
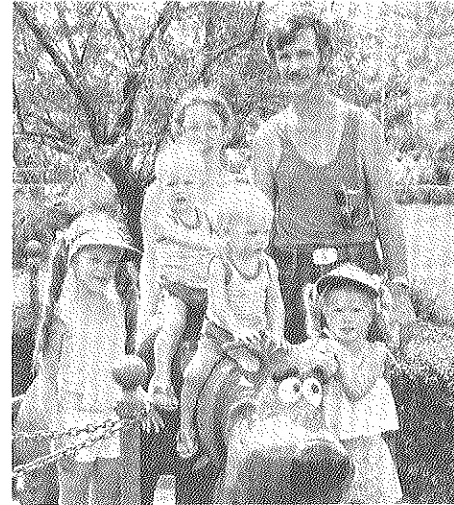
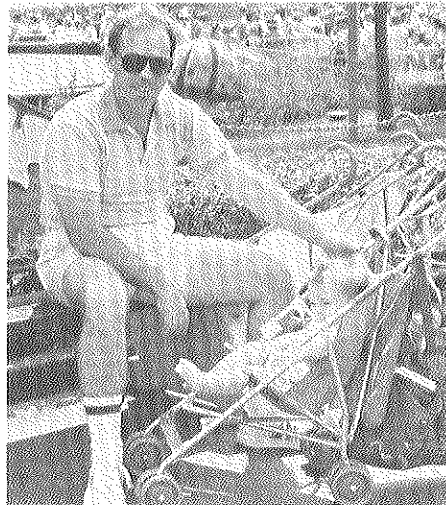
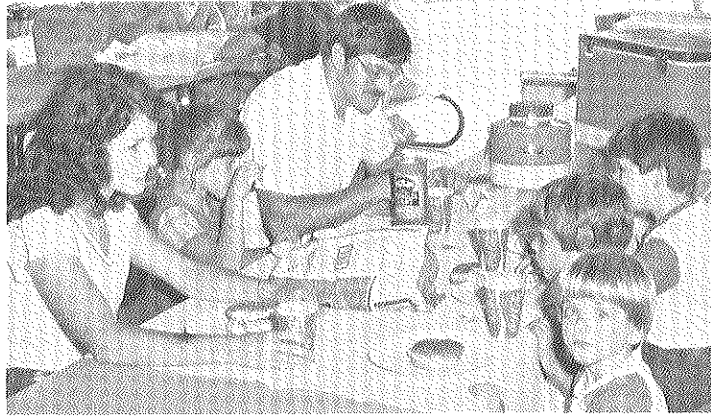
PUBLIC COMMUNICATIONS  
X-100 Building  
P. O. Box 628  
Piketon, Ohio 45661

EDITOR.....Tim L. Matchett  
Telephone...(614) 289-2331 Ext. 2863





Three employees attending the Kings Island outing with their families were Larry Thomas (right), Maintenance (D-721); Jerry Moore (below), Training (D-240); and Craig Ruth (below right), Maintenance (D-734).



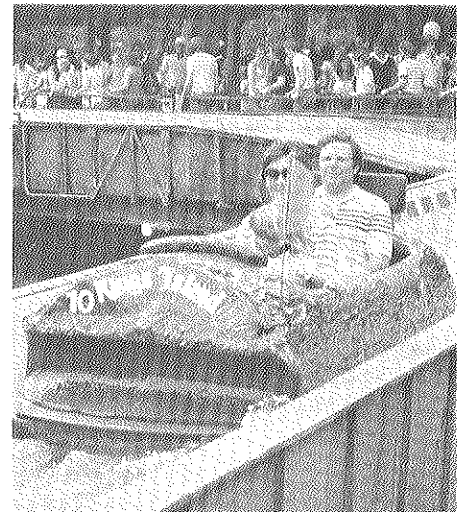
Mike Simpkins (D-631), had his hands full keeping track of his children in the crowd at the Kings Island picnic July 31.

Ralph Clay, an employee of Ohio Power and brother of Henry Clay (D-731), and his daughter (above) were two of many guests of Goodyear Atomic personnel at the Kings Island Family Picnic July 31. A total of 1,714 Goodyear Atomic employees and family members attended the picnic; 315 alternate day tickets have been sold for a total of 2,029. Hanna Barbera and other characters entertained the children at Rivertown Grove (below).

## KINGS ISLAND



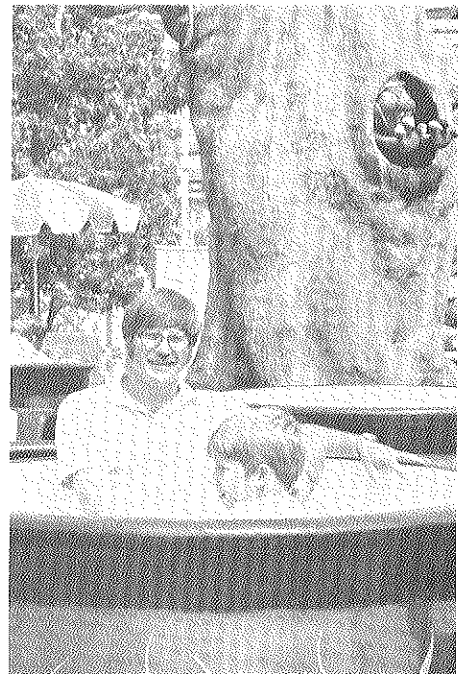
Employee Activities Committee (EAC) representatives Doug Fogel, Jim Hamilton and Dave Gearhart had the job of transporting employee picnic baskets from the main gate to the picnic grove during the GAT Employee Day at Kings Island.



Amusement rides at Kings Island attracted Bob Bush (D-005), wife Jerrilyn and daughter (above), and Gary Timmons (D-842) and son (below).



Family members enjoying the log flume included Diana Lawson, wife of photographer Lee Lawson (D-983), his two sons and nephew.





# SPIRIT AWARDS

Nominations due September 24

The Goodyear Spirit makes itself felt worldwide every day.

It is evident in the many employees who are outstanding in job performance, in loyalty and in dedication. They are ready to help co-workers, to solve problems innovatively and make their communities better places in which to live.

The 17th Annual Goodyear Spirit Awards Program offers another opportunity to recognize and reward these outstanding individuals.

All hourly and salaried personnel of Goodyear and its subsidiaries, including those whose retirement is effective in 1982, are eligible to compete for honors that culminate in the Mildred V. and Edwin J. Thomas award presented in Akron at Christmas.

"This is our chance to spotlight the men and women of our company who personify the traditions and spirit that

made Goodyear the leader in our industry," said Chairman Charles J. Pilliod Jr. in announcing the program.

"The awards are especially meaningful because they are based on the recommendations of fellow employees, so I urge everyone to assume responsibility for presenting worthy candidates."

Nomination forms are available through the Administrative Services department in the X-100 Building and on company bulletin boards. The deadline for entries will be Sept. 24.

Awards of \$150 and bronze medallions are presented to local (first level) winners, with additional \$100 checks going to regional winners selected in the program's three largest divisions.

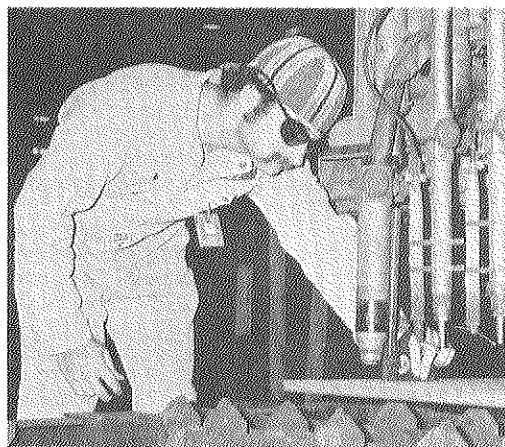
Divisional awards of \$500 and barometer-thermometer plaques with brass name plates are the next level. These winners then compete for the prestigious worldwide award of \$1,500 and a distinctive medallion presented by the Thomases.

The Spirit Awards Program is organized into 11 divisions. Goodyear Atomic is included in Research & Development.

Previous winners at any level may not be renominated within three years of their recognition.

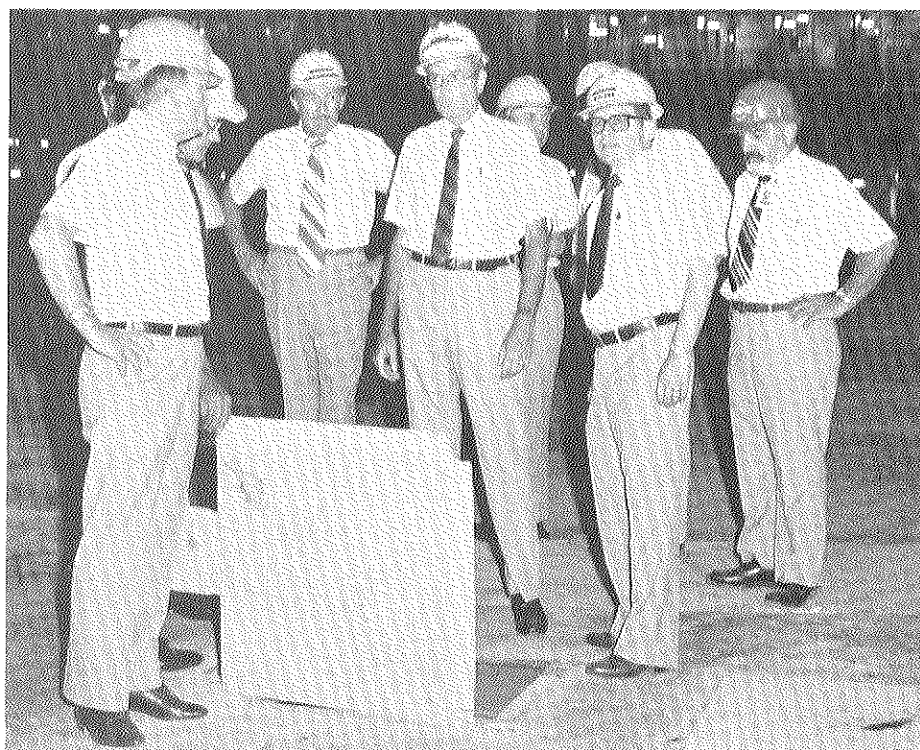
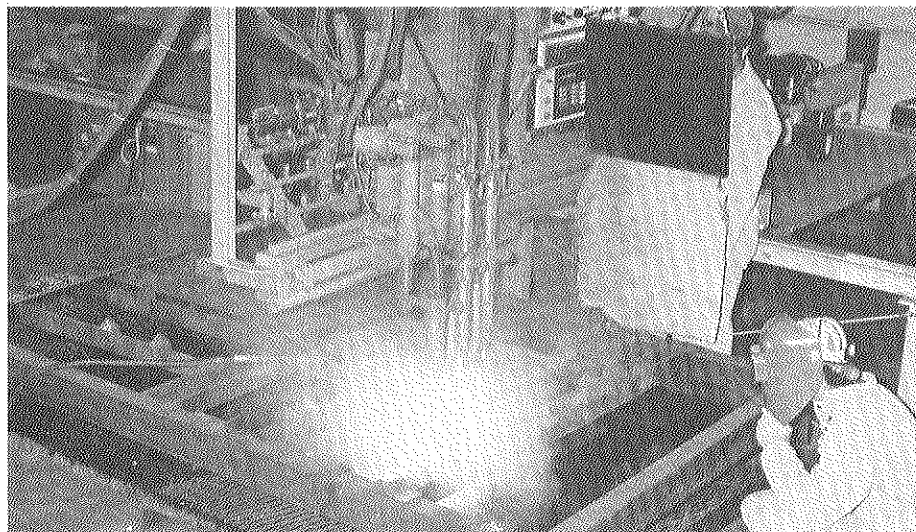
## GRADUATE

Joe G. Rhea  
Piketon  
J. H. Rhea (D-828)



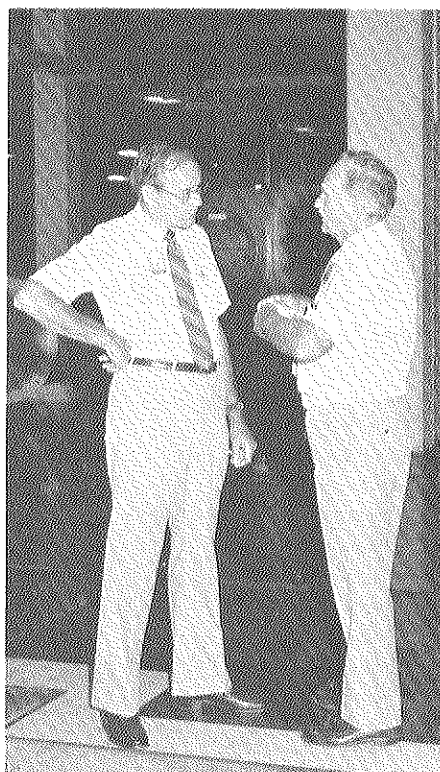
## Weld shop cutting machine programmed by computer

Welder Ken Strickland (left) makes final adjustments before metal plate cutting with the new Airco automatic shape cutting machine in the Weld Shop. The machine uses either oxygen/acetylene or plasma arc cutting (below). It is capable of cutting aluminum, stainless steel, monel and other metals. The device can be programmed with a computer to cut circles, squares and other familiar shapes.



## Goodyear vice president visits Goodyear Atomic

F. V. Prus (above center), executive vice president for Research & Development for The Goodyear Tire & Rubber Company with responsibility for Goodyear Atomic, visited the Portsmouth Area Uranium Enrichment Plant on Wednesday, Aug. 4. During his visit, he toured both the Gaseous Diffusion Plant and the new Gas Centrifuge Enrichment Plant (above). During the GDP tour, Prus (left) talked with Production Division Manager Chuck Mentges (at right in photo) about the gaseous diffusion process.



## Student honored

Miss Rebecca Friend, a student participating in the Goodyear Atomic Summer Science Student Program (SSSP), has recently garnered a special honor.

She was crowned Miss United Teenager-Ohio June 26 on the campus of Capital University in Columbus.

She was selected from among more than 100 contestants for the title after competition in three areas. These included Scholastic Aptitude, Personal Interview and Personal Appearance. Other honors awarded to Rebecca included Miss Congeniality and Miss Photogenic.

She is a senior at Eastern High School and Vern Riffe Joint Vocational School where she is involved in the Future Secretary Association, track, the Scholastic Team, Office Education Association and Bible Club.

The award entitled her advancement to national competition. New York Fashions and Cosmetics is the sponsor of the competition.



Rebecca Friend

## Retirees

Five Goodyear Atomic employees have retired effective August 1.

Raymond H. Meenach, New Boston, welder (D-723), elected to take early retirement after more than 29 years of service.

Dale E. Cooper, Waverly, machinist (D-721), retired for health reasons after more than 25 years of service.

David Q. Myers, Portsmouth, Distribution & Inspection operator (D-853) took early retirement after 29 years of service.

Frank S. Voss, Portsmouth, superintendent, Works Laboratory (D-550), took early retirement after 29 years of service.

Ishmael F. Groves, Portsmouth, instrument mechanic (D-712), took early retirement after more than 26 years of service.





Levier



Mills



Adams

## Promotions

William A. Levier was promoted to Section Head of the Environmental and Industrial Hygiene Chemistry section of the Chemical Analysis department (D-552). He reports to Orlando A. Vita, supervisor, Chemical Analysis.

Paul W. Mills has been promoted to

Shift Police Captain (D-122). He reports to Clarence H. Canter, Police Chief.

Richard C. Adams has been promoted to General Foreman, Process Area (D-811). He reports to Jules E. Ratliff, supervisor, X-333 Building.



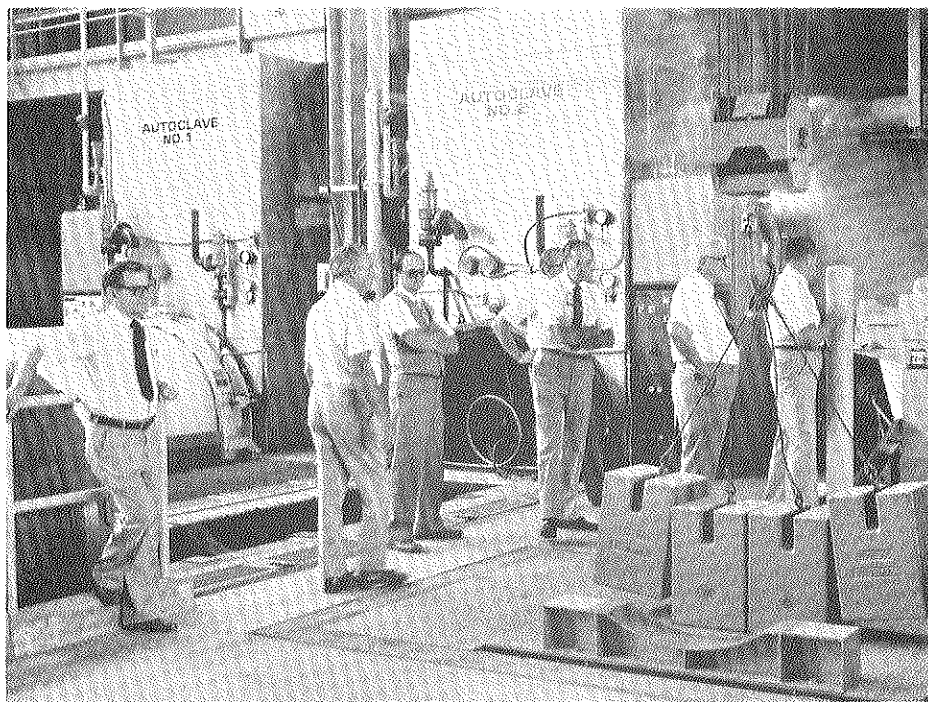
### Goodyear Atomic and Pike County share in planning

William L. Kouns, superintendent, Shift Operations and Emergency Planning, discussed the plant's emergency response capabilities (left) with Samuel Hughes, president of the Pike County Board of Commissioners, and Ralph Minter, Pike County agent for the Ohio Department of Natural Resources Division of Wildlife, during the emergency preparedness seminar July 29. Participants in the seminar had the opportunity to see the modern equipment utilized in the Goodyear Atomic medical center (below). In the July 29 seminar, Goodyear Atomic and Pike County officials met to discuss the plant/community plan for response during emergencies.



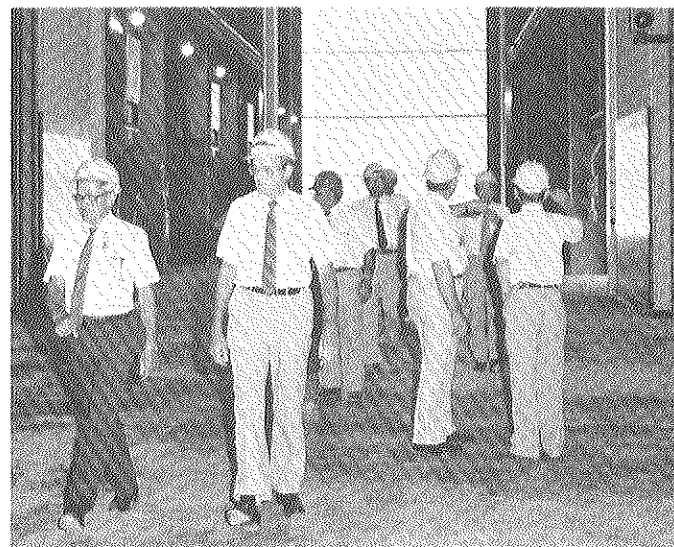
### Finished product

Welder Jim Alexander pulls a round part cut from a metal plate on the Weld Shop's new Airco automatic shape cutting machine. Plasma arc cutting was used to cut the part. Dimensions were programmed into a computer to make the cut. Installation of the new device was completed in June.



### Vince Prus tours GDP and GCEP

During his visit to the plant Aug. 4, Goodyear Executive Vice President Vince Prus toured the new X-343 Uranium Feed and Feed Sampling Building (above) and the transfer corridor which links the GCEP Process Buildings with the Recycle/Assembly Building.





# Goodyear Atomic employees win Worlds' Fair canoe race

Good planning, good equipment and practice paid off as Goodyear paddlers placed first, second and third at the 1982 World's Fair Canoe and Kayak Invitational on the Clinch River near Oak Ridge.

Led by Ken Willis (D-712), three two-man teams of paddlers prepared for the three-mile events by practicing on Lake White using three new Blackriver Challenger canoes.

All three teams entered the Novice standard race, open to paddlers who have never placed third or higher in a United States Canoe Association (USCA) sanctioned race, which took place on the Clinch River on Saturday, July 17.

On Sunday afternoon, the three canoe teams entered a challenge race among representatives from TVA, the Department of Energy and Oak Ridge.

The results of both races were the

same, with the Goodyear Atomic team taking the first three places in the following order:

First Place — Ken Willis (D-712) and Bill Dresbach (D-631).

Second Place — Bill Koehler (D-732) and Don Slone (D-712).

Third Place — Jack Harbert (D-823) and Clark (Joe) Moore (D-732).

Kelly Tolliver (D-712) served as team coach for the event and gave his only instructions shortly before the start of each race.

"I want you guys to finish One, Two and Three!"

The teams responded by crossing the finish line about 150 feet ahead of their nearest competitors.

Others in attendance were Vickie Slone (D-122), Betty Koehler (D-725), Sue Hollis (D-753), Jennifer Willis, Pat Tolliver, Bob Hollis and Connie Dresbach.



Winners in the 1982 Worlds' Fair Canoe and Kayak Invitational on the Clinch River in July included Ken Willis, Bill Dresbach, Bill Koehler, Don Slone, Jack Harbert and Joe Moore. Three teams of Goodyear Atomic employees placed first, second and third in the Novice standard race and a Challenge race during the event.

## Talent earns California trip

Ralph E. Schisler, Production process operator (D-810), will be traveling west sometime next spring or summer to play the dulcimer for residents of California.

Schisler was invited by the California Historical Society on an all-expenses-paid trip following his recent accomplishment of winning two first-place trophies at the Annual Appalachian Mountain Dulcimer Festival in July at Bob Evans' Farms near Gallipolis.

Schisler earned the trophies in the Contemporary and Traditional categories. "It was beyond my expectations," Schisler said. "I would have been happy with as much as a third place ranking."

Schisler will be playing the dulcimer and talking about the history of the instrument and American folk music in 13 California cities. He explained that the historical society was "interested in bringing something from the 'mountains' to California."

Schisler has done extensive research on this subject and makes presentations over the year at different festivals and historical activities.

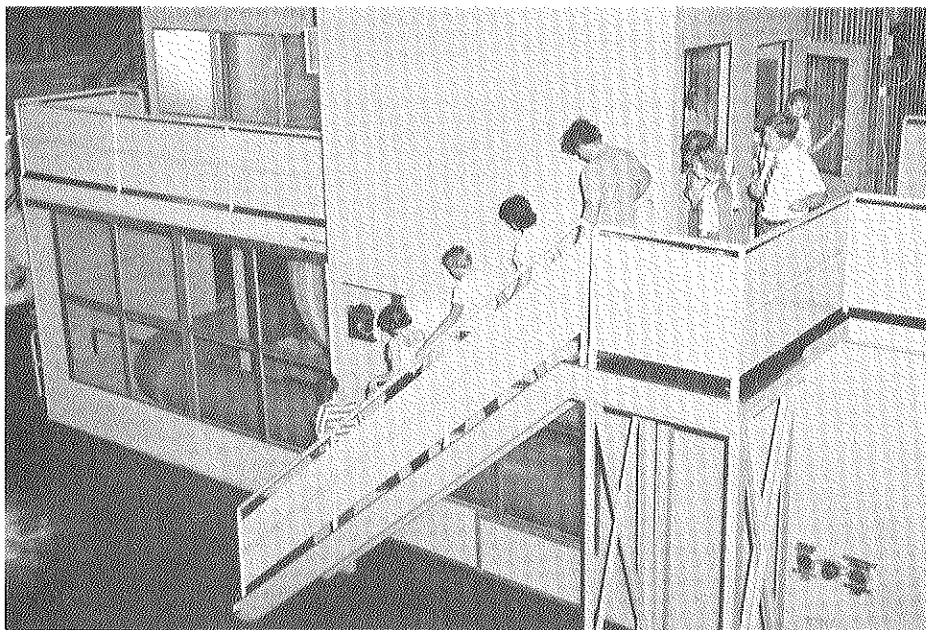
With T. J. Harrison, another GAT employee, Schisler designed and built a special dulcimer upon which an artist can play several types of music.

Schisler, Harrison and Duke Pullin, now retired from GAT, and their work with dulcimers were featured in the November 1981 issue of the Clan.



## Summer Science Program students tour Portsmouth plant

Students in the Goodyear Atomic Summer Science Student Program visited the plant in July for a tour of both the gaseous diffusion and gas centrifuge plants. The students, from both Pike County and Scioto County programs, will graduate next spring following two years of classroom study, field trips and special projects. Stops on the GDP tour included the X-344 Toll Enrichment Facility and the display cell in the X-333 Process Building.



## Recreation Corner

Employee Activities Calendar for September 1982

Saturday, September 11 .....	Old-Fashioned Family Picnic Scioto County Fairgrounds
Saturday, September 18 .....	Autumn Open Golf Outing Host: Goodyear Logan — Location: Lancaster
Saturday, September 25 .....	Foreman's Club Fall Outing Goodyear Atomic Golf Championship

Goodyear Atomic Corporation

P. O. Box 628

Piketon, Ohio 45661

Address Correction Requested

Piketon, Ohio  
BULK RATE  
U. S. Postage  
PAID  
Permit No. 11