

# THE WINGFOOT CLAN

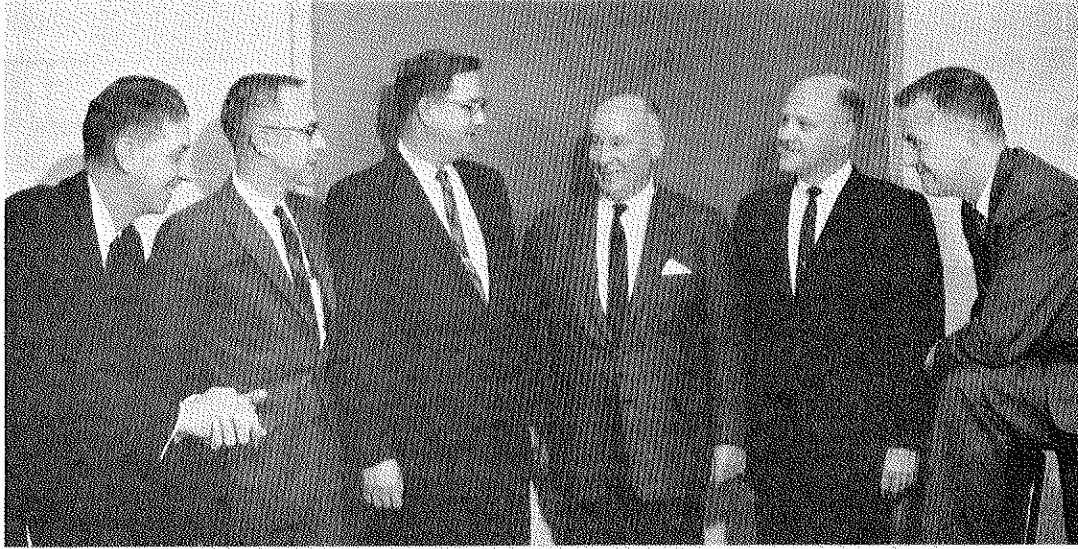
## GOODYEAR ATOMIC CORPORATION

Portsmouth Area Gaseous Diffusion Plant

VOLUME VII

PIKE COUNTY, OHIO, WEDNESDAY, APRIL 19, 1961

NUMBER 14



**CONGRESSIONAL VISIT.** Representative Melvin Price (third from right), a member of the Joint Committee Atomic Energy, discuss the operation of Goodyear Atomic Corporation with plantsite representatives during his recent visit. From left: James Cox, Administrative Assistant to the Vice-President, Ohio Valley Elec-

tric Corporation; Dr. C. R. Milone, Deputy General Manager, GAT; R. H. Thalgot, Area Manager, AEC; Congressman Price; Thomas Ward, Secretary-Treasurer, OVEC; and Kenneth McAlpine, Technical Advisor to the Joint Committee Atomic Energy.

### Member Joint Committee Atomic Energy

## Illinois Lawmaker Makes Routine Visit To Goodyear Atomic

Goodyear Atomic Corporation was recently visited by Congressman Melvin Price (Illinois), veteran member of the Joint Committee on Atomic Energy. He is serving his ninth term in Congress and has been a member of the Joint Committee since 1946.

Congressman Price was interviewed at the conclusion of his tour of plant facilities by local area press and radio personnel. Interviewing Mr. Price were: Stan Spaulding, Waverly News - Warchman and United Press International; L. W. Burns, The Portsmouth Times; Jack Marks, Chillicothe Gazette; Barbara Kalfs, representing the Associated Press; Jim Huffard, Radio Station WNXT; Steve Stephenson, Radio Station WCHI; and Al Botteiger, Radio Station WBEX.

Congressman Price emphasized that his stop here was one of several routine visits to AEC installations. Such visits, he said, helped him to

maintain a personal touch which, in turn, enabled him to carry out his duties on the Committee more efficiently.

Mr. Price said that this plant "is a permanent installation which will continue separating U-235 for years to come."

In answer to a question concerning an expansion program he stated, "No one can answer that question at this time. There has been a decrease in the demand and an increase in the efficiency of operating the plant. The decrease in demand comes from both the civilian and the military."

Congressman Price explained that the demand for atomic reactors had decreased since most of the submarine fleet already were equipped with reactors. "If the reactor program increased, the demand for atomic fuel will increase." He further pointed out that atomic fuel is several years away for competitive marketing.

"Goodyear Atomic Corporation is one of the main plants in the atomic energy program," Mr. Price stated. "This is my first visit to the Portsmouth Area since construction days," he said, "and I have been very much impressed with the efficiency of operation. This plant compares favorably with other AEC installations."

In answer to a question pertaining to employment, the congressman stated that it is determined by the demand for atomic energy and the continuing improvement in plant

efficiency. He said that atomic plants and chemical plants are similar . . . as they improve efficiency they require less manpower to operate.

Accompanying Mr. Price was Kenneth McAlpine, a member of the professional staff of the Joint Committee on Atomic Energy.

In concluding the interview, Congressman Price reassured everyone that the Pike County Gaseous Diffusion plant was in no immediate danger of being abandoned.

## Smith Of Safety Department Responsible For Several ASME Code Changes

W. A. Smith, code section of the safety department, has been responsible for several changes in methods used in checking the reinforcement design of nozzles in vessels. The changes appear in the April issue of MECHANICAL ENGINEERING, the official publication of The American Society of Mechanical Engineers.

During the fall of 1959, Smith was checking the reinforcement design of nozzles in vessels of four different manufacturers. He noted a major difference in methods being practiced. His interpretation of the American Society of Mechanical Engineers (ASME)



W. A. Smith

## Chillicothe Teachers Visit Plant As Part Of Business-Industry-Education Day

Goodyear Atomic Corporation was host to twenty-four teachers from the Chillicothe School District April 12. The teachers were participants in Business - Industry - Education Day

which was sponsored by the Chillicothe Area Chamber of Commerce.

The teachers arrived on plantsite at 10 a. m. and remained until 3 p. m.

## S. R. Sapirie States Responsibility Of AEC

The following remarks were made by S. R. Sapirie, AEC Manager, Oak Ridge Operations, in the Oak Ridge.

"The AEC and its operating contractors are charged with the responsibility for carrying out operations in the most economical and efficient manner possible consistent with the national requirements. To do this, it means there will be changes of programs from time to time resulting in fluctuations of employment levels.

"When one looks to the long range future in connection with the gaseous diffusion plants, it could be that the effect will be one that will provide a more healthy, stabilized employment situation. The AEC is carrying out a vigorous program in the field of reactor development aimed at the economic production of electrical power using nuclear reactors. An essential part of this effort is holding the cost of fuel in line. To do this, we must operate the plants for production of uranium-235 in the most economical manner possible. By this, we can help hasten the day when economic nuclear power is a reality and the day when the gaseous diffusion plants will see their productivity capacity taxed to the utmost simply to supply the fuel necessary for civilian electrical power stations."

Dr. C. R. Milone, deputy general manager, welcomed the group on behalf of the Company. In his remarks he pointed out the fact that many GAT employees are active in the community life of Chillicothe . . . "especially with the schools." "Your visit today," he said, "not only helps you in understanding our operation here, but by becoming better acquainted with one another, we can more effectively do a better job of assisting you." "Complaints of the school system," he stated, "are old American customs . . . if you have something good, let's try to make it better. This sums up our attitudes toward the Chillicothe School System." Dr. Milone also gave an unclassified description of the gaseous diffusion process. Walter Koester, Chief of Operations, welcomed the group on behalf of the Atomic Energy Commission.

Other participants on the program included L. E. Fuller, superintendent, personnel services subdivision, who outlined the history of Goodyear Atomic Corporation and The Goodyear Tire & Rubber Company; H. McClelland, supervisor, training department, who outlined the training programs at GAT; and Dr. R. B. Stambaugh, superintendent, development laboratory, who spoke on the present and future applications of atomic energy.

G. H. Reynolds, general manager, joined the speakers in a panel discussion to conclude the day's visit.

The following teachers were among the visitors: Jane Allyn, Nancy Bogatin, David Boyd, Thelma Broce, Elizabeth Cronin, Donald Dick, Genevieve Drummond, Dorothy Griesheimer, Loma Hardesty, Gladys Hereford, Robert Imboden, Charlotte Jones, Mrs. Alvin W. Jones, Ruth Kegg, Edith Kellenber-

(Continued on page 4)

### NEXT BLOODMOBILE VISIT

July 25 - 26

The Red Cross Blood Program is people . . . skilled, devoted, determined to see that blood — a living tissue—is always available when needed . . . always safe and effective. Removing and preserving a part of the human body and getting it to the physicians who need it for the treatment of their patients is not easy. BUT IT IS ESSENTIAL.

### HIGH SCHOOL GRADUATES

Annually the "Clan" features an article on sons and daughters of Goodyear Atomic employees who graduate from high school.

Employees are asked to submit a small black and white picture of the student, with his or her name, high school, parent or parents working at GAT, and the department where the parent works. Please do not send colored photographs.

The deadline for submitting the material for this annual feature is May 26. All photographs will be returned after publication in the "Clan". The proper return address for the picture should be submitted with the information listed above.

Photographs and information should be sent to the Wingfoot Clan Office, X-100 Building.

### Review of Labor Relations

B. D. Hurley, process area 4, and Martin Picklesimer, utilities maintenance department, represented Local 10-689, OCAW, at the Atomic Energy Workers Council meeting in Washington, D. C., April 5-7.

E. R. Weakland and R. Rickey, police department, will represent Local 66, United Plant Guard Workers of America at the International Union's convention May 3, 1961.

The Company and Local 10-689, OCAW, are currently in negotiations.

Representing the Company are: D. W. Doner, L. E. Fuller, W. A. Brown, C. A. Menges, C. L. Jenkins, and A. L. Sutton.

Representing the Union are: J. F. Wettstein, M. Picklesimer, C. A. Romine, J. N. Sanson, and P. F. Yingler.

### ASME CODE CHANGES

(Continued from page 1)

partment was requested to interpret the language used in the CODE. Following this interpretation a meeting was held in the offices of the National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio. This group agreed with Smith's interpretation of the CODE and requested that he formulate the entire situation and forward it to the ASME for their official interpretation.

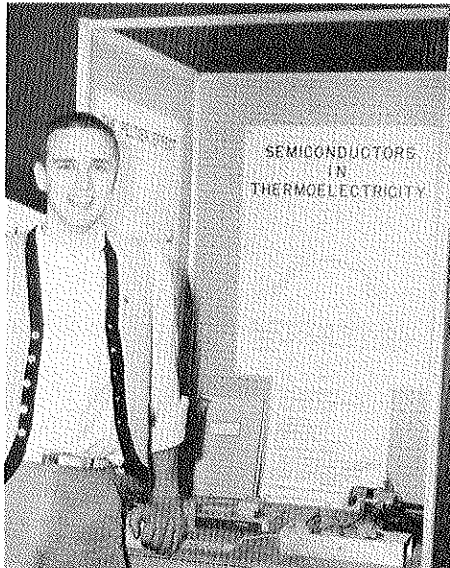
Sketches were made, nomenclature assigned and formulas developed using the CODE where possible. Next, using a common problem, the methods used by the four manufacturers and Smith's proposed procedure was outlined, pointing out the differences in the methods and the results obtained. The results were sent to the American Society of Mechanical Engineers in November, 1959, with a request that the problem be studied and an interpretation given.

On March 7, 1961, a letter was received from the ASME stating that the Boiler and Pressure Vessel Committee had decided to revise the CODE relating to the reinforcement of openings. Mr. Smith's proposed revision was accepted in its entirety with the exception of a few minor changes in nomenclature.

The Boiler and Pressure Vessel Committee of the ASME is composed of twenty-four of the leading engineers in the United States. Before any change in the CODE is allowed these twenty-four engineers study the proposed change using the services of many consultants before recommending a CODE change.

The change recommended by Mr. Smith is the largest single change in the CODE since it was rewritten in 1950, with the exception of changes pertaining to nuclear vessels.

Wear a smile and have friends; wear a scowl and have wrinkles.



## EMPLOYEES' SONS & DAUGHTERS RATE HIGH IN SCIENCE FAIR

Two students from Pike County, one from Scioto County, and one from Jackson County received superior ratings at the recent Science Fair at Ohio University.

Zane Johnson, son of G. F. Johnson, electrical maintenance department, exhibited a project on "The Ready Electron." Representing the Junior Division, he was a grand award winner at Minford High School's Science Fair and at the District Fair at Marshall University. Zane is in the eighth grade at Minford.



Zane Johnson

Charles Layne, son of O. L. Layne, plant engineering, displayed an exhibit entitled, "Semi-Conductors in Thermo-Electricity." He is a senior at Jackson High School and has been very active in promoting science activities for the school. His brother, Otis, received an excellent rating for his project, "Ion Exchange Fuel Cell."

Shana Craumer, daughter of R. L. Craumer, plant engineering, received

a superior rating for her project on soap making in chemical science. She made the soap as it was done in colonial days.

### Employees Serve As Science Fair Judges

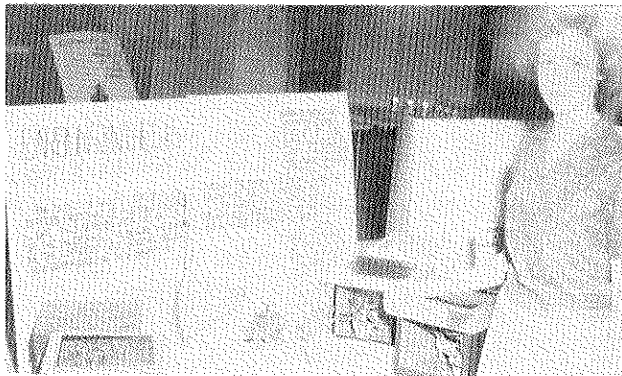
Over two-hundred exhibits were on display at the third annual Jackson High School science fair last month.

Charles Layne, son of O. L. Layne, plant engineering, won the grand award for the best exhibit in the senior division.

Kay Tabor's exhibit was judged tops in the junior division. Kay is the daughter of C. D. Tabor, works laboratory subdivision.

Judges for the fair included the following Goodyear Atomic personnel:

A. S. Ostroski, electronics department; M. M. Bruno, materials sampling & testing department; C. F. Trivisonno, chemical analysis department; P. J. Daloi, special analysis department; C. E. Provencher, instrumentation development department; Ellen Provencher, special analysis department; and Mary Lee Page, metallurgy department.



**GRAND AWARD WINNERS.** Pictured at left is Charles Layne, son of O. L. Layne, Plant Engineering, who was a grand award winner in the Senior Division of the Jackson Science Fair. The young lady above is Kay Tabor, daughter of C. D. Tabor, Works Laboratory Subdivision, grand award winner in the Junior Division of the Science Fair. Kay's project was Carbonsynthesis, the Effect of Light on Plants.

PHOTO - COURTESY JACKSON PUBLISHING COMPANY

### Tri-State Winners

## Chemistry Students Honored By ACS

The Central Ohio Valley Section of the American Chemical Society recently honored thirty outstanding chemistry students from the tri-state area.

Three students were honored whose parents are employed at GAT.

William Farmer represented Pike-ton High School as the top chemistry student. His father, Leslie, is in the stores department.



William Farmer

Roger Davis was selected from Waverly High School. His father, George, is in the electrical maintenance department.



Roger Davis



Mary Isaman

Mary Isaman, whose mother is Virginia, accounts payable & cashier department, was the representative from Coalton High School.

The students from Ohio, Kentucky, and West Virginia were invited to attend an awards dinner at Marshall University, Huntington, West Virginia. The event highlighted the April meeting of Central Ohio Valley Section of the American Chemical Society.

The principal speaker was Dr. John H. L. Watson, head of the department of physics, Edsel B. Ford Institute for Medical Research, who spoke on "Venture in Electron Microscopy."

N. F. Reiter, special analysis department, is the chairman of the high school chemistry awards committee. This is the second year for the awards and the second year for Reiter as awards chairman. He has been active in the ACS for the past ten years.

## Oak Ridge Security Director Addresses GAT Seminar

Frank Callihan, Director, Security Division Office, Oak Ridge, was the speaker at a recent supervisory seminar in the X-710 building.

Mr. Callihan, who spoke on "Communism and the Soviet Union," emphasized that it is "not enough to understand communism . . . but we must learn to understand the communist!"

The speaker was introduced by G. H. Reynolds, general manager.

## BUSINESS - INDUSTRY - EDUCATION DAY



TWENTY-FOUR CHILLICOTHE SCHOOL TEACHERS were guests of Goodyear Atomic Corporation during B-I-E Day, April 12. The photograph above shows the

group just prior to being welcomed by Dr. C. R. Milone, Deputy General Manager. Walter Koester spoke briefly in behalf of the Atomic Energy Commission.



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GOODYEAR ATOMIC CORPORATION  
Parlramouth Area Gaseous Diffusion Plant

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Member, Association of Nuclear Editors and affiliated with the International Council of Industrial Editors.

## SAFETY BELTS FOR YOUR PROTECTION

Continued research and past experiences have pointed up the indisputable fact that auto seat belts can prevent serious and fatal injuries.

The advantages of seat belts long have been recognized in aviation. The Civil Aeronautics Board requires commercial airline pilots to have safety belts fastened at all times while they are operating their planes, and most pilots have safety belts in their cars.

The Cornell Crash Injury Research program has shown that belts reduce risk of injuries in automobile accidents by 60 percent. Their greatest value is keeping persons inside cars, since the chances of being killed or injured are five times greater for persons who are thrown out.

A Cornell University study has estimated 5500 of the lives lost each year in automobile accidents could be saved by the use of seat belts alone.

Goodyear Atomic Corporation will make seat belts available to employees at a reduced cost. Orders are now being accepted at the Stores Department, X-720 Building.

It is encouraging to note that the auto industry is going to make it easier for the motorist to put seat belts in his car.

Beginning with the 1962 models, all the major domestic manufacturers will install safety belt attachments in the front seats of all passenger autos. The anchors will be affixed to the auto frame or sub-frame.

The companies say they will provide uniform attachments built to industry-wide specifications to provide buyers with an easy, economical method of attaching seat belts.

Currently before the Ohio Legislature is a bill that would require that all new cars sold in the state after next January 1, be equipped with safety belts.

But . . . CAN YOU LEGISLATE PERSONAL SAFETY? Education and personal experience would seem to be the best inducements for the use of the safety belts.

## Business Forecast Looks Good

The business outlook for 1961 seems to be somewhat the reverse of last year and there is every indication that business will improve as the year progresses, E. J. Thomas, Chairman of the Board, The Goodyear Tire & Rubber Company, told the annual meeting of shareholders April 3.

He pointed out that in 1960 business "started off fairly good and then tailed off as the year progressed." Deliveries of products this year particularly to original equipment accounts, were lower than in the 1960 first quarter, reflecting the reduced rates of automotive production, and this has had its effect on the relative volume and profits of the first quarter, Mr. Thomas said.

However, the business outlook as spring approaches is better, and there is substantial evidence of continued business improvement as the year goes on.

He disclosed to shareholders that Goodyear now expects to spend

"somewhat more" than the 80 million dollars previously announced as the amount the company would spend for capital improvements in 1961.

Two of the company's new plants now under construction—a synthetic rubber plant at Beaumont, Texas, and a new tire plant at New Delhi, India—are proceeding on schedule. The first production at Beaumont should begin early this fall, and the India plant may make its first tire around July 1.

All the engineering for the modernization of the company's Plant 2 tire manufacturing facility in Akron has been completed. This investment, as planned, will be over 10 million dollars.

Mr. Thomas noted that Goodyear's continued advances in engineering and in research and development have resulted in the quality of the company's products reaching an all-time high in both the United States and abroad.

## Urich Completes Ten Years With Company

B. L. Urich, purchasing department, completed ten years continuous service with Goodyear on April 2, 1961. He was presented an anniversary tie-clasp March 30, by Henry Watts, purchasing agent, before other members of the purchasing department.



B. L. Urich

Urich began his career with Goodyear at the St. Mary's plant April 2, 1951. He was promoted to buyer October 15, 1951. On April 26, 1954, he transferred to Goodyear Atomic Corporation as an expeditor in the purchasing department. He was promoted to senior buyer July 16, 1960.

A native of Wapakoneta, Ohio, he is a graduate of Ohio State University with a bachelor's degree in marketing.

Since coming to Goodyear Atomic, Urich has been very active in the GAT bowling and golf programs in Chillicothe.

Mr. and Mrs. (Mary) Urich, and two children, Rochelle, 8, and Gregory, 7, reside in Chillicothe.

## GAT Among Plants Lauded For Safety

General Manager A. R. Luedecke, of the Atomic Energy Commission, has commended managers and employees of AEC plants and laboratories for efforts during 1960 which resulted in the achievement of the safest year in Commission history. More than 120,000 workers are employed in these installations.

In a memorandum to all AEC Operations Offices, Mr. Luedecke noted that the number of workers injured during operations in the year just concluded was the lowest on record.

Mr. Luedecke added, however, that the occurrence of several deaths in AEC operations in 1961, including those of three men in an accident at the SL-1 Reactor at the National Reactor Testing Station in Idaho in January, indicates the need for continued safety vigilance.

"I am sure that you are aware," Mr. Luedecke wrote, "that we cannot relax in our effort to make every job in AEC safe and I am hopeful that in the remaining months of the year we will be able to offset this early poor start."

Goodyear Atomic Corporation is one of nine AEC contractors who received an Award of Honor for having achieved over three million man-hours without any injury to employees.

One of the nine, the Sandia Corporation plant in Albuquerque, New Mexico, achieved a total of 14,936,000 manhours for the best record in AEC history.

John Edgar Hoover  
Director

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE  
WASHINGTON, D. C.

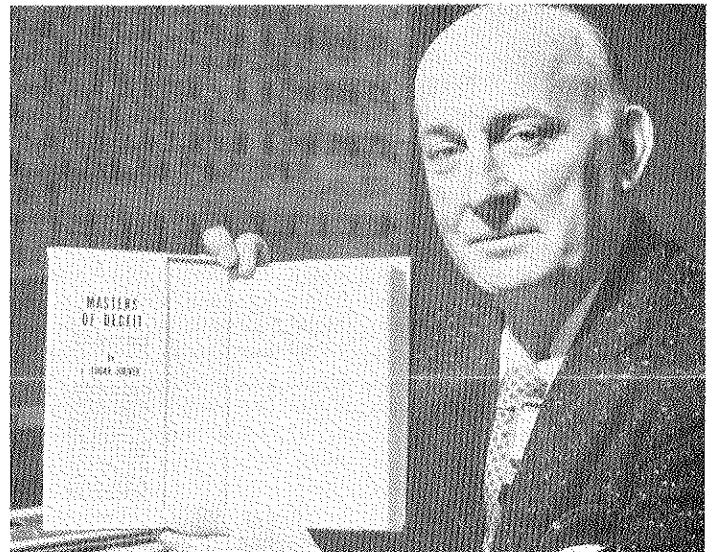
Mr. G. H. Reynolds  
General Manager  
Goodyear Atomic Corporation  
Waverly, Ohio

Dear Mr. Reynolds:

Mr. Edmund D. Mason, Special Agent in Charge of our Cincinnati Office, has advised me concerning the courtesies extended by you in making it possible for Special Agents of his office to become familiar with the operation of your plant. In view of our present responsibilities and jurisdiction in the internal security field, I am sure that this knowledge will greatly facilitate the work of this Bureau in your area, and I wanted you to know how much we appreciate the extent of your help.

Your kind remarks and generous expressions of confidence in this Bureau were a source of great encouragement to me, and I am indeed pleased to forward, under separate cover, a copy of my book, "Masters of Deceit," which I have autographed to you. Please feel free to call on us whenever we can be of service to you.

Sincerely yours,  
J. Edgar Hoover

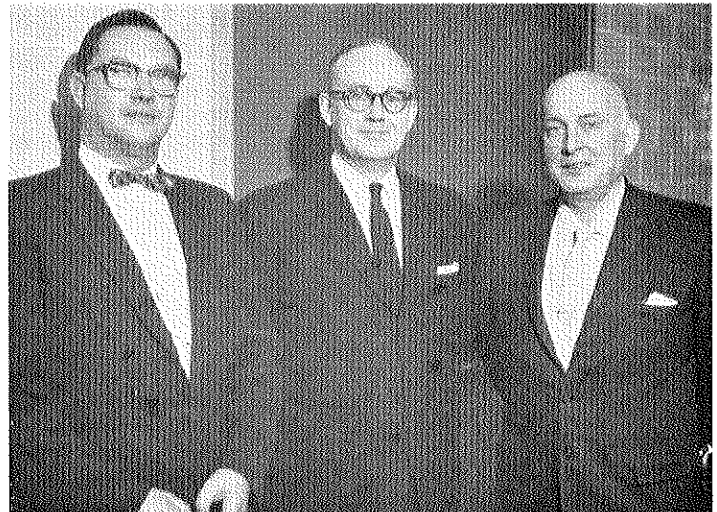


F. B. I. VISITS. Recently, members of the Cincinnati Office of the Federal Bureau of Investigation were guests of Goodyear Atomic Corporation for a one-day visit. The purpose of their visit was to orient them in the operation of the plant.

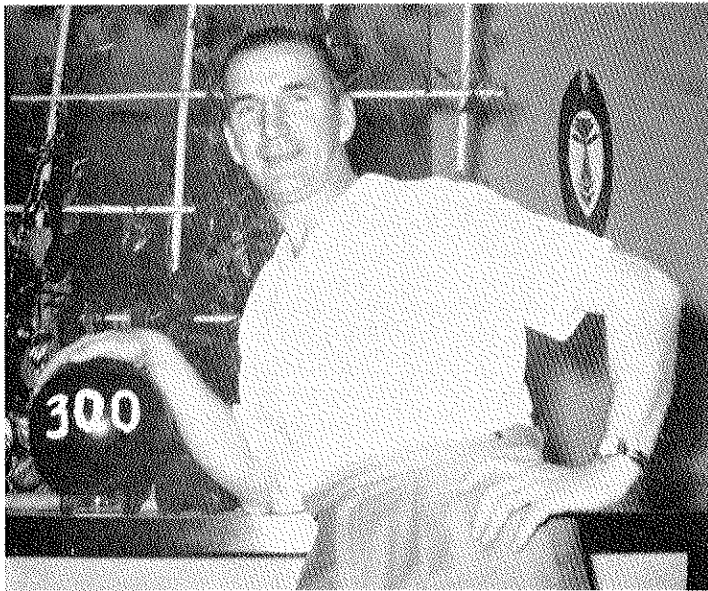
Following their visit G. H. Reynolds, general manager, received a letter of appreciation from J. Edgar Hoover, Director, Federal Bureau of Investigation, for the courtesies ex-

tended to the Cincinnati Regional Office. He also sent an autographed copy of his book, "Masters of Deceit." The book, which is a story of communism in America and how to fight it, is recommended reading for adults who want a firsthand account of American communism from its beginnings to the present.

"Masters of Deceit" is one of the most important books of our time. It is a clear warning of the present danger to our way of life.



SUPERVISORIAL SEMINAR. Robert Callihan, (center), Director Security Division, Oak Ridge, is pictured following his address before a Supervisorial Seminar at GAT. On the left is Robert Thalgot, Area AEC Manager, and, right, G. H. Reynolds, GAT's General Manager.



**ROLLS PERFECT GAME.** Andy Ondera, Power Operations Department, is the first GAT employee to roll a 300 game in bowling. He mastered the feat of twelve strikes in a row while bowling a practice game at the Jolly Lanes in Jackson. He has been bowling twenty-four years.

## Annual Spelling Bees In Progress

On April 22, thirty-five county, city, and parochial school spelling bee champions will compete in the annual Scioto County Spelling Bee. The winner will earn the right to compete along with twenty-seven area winners in the district finals at Portsmouth High School Auditorium April 29. District competitors will represent Pike, Adams, Jackson and Scioto counties in Ohio, and Lewis County in Kentucky.

One of the first to qualify for the District Spelling Bee April 29, is Chuck Tabor, 11 year-old son of C. D. Tabor, works laboratory subdivision. Chuck won the Jackson City Spelling Bee title, winning out over eighteen other contestants.

The Scioto County Spelling Bee is sponsored by the Portsmouth Civic Forum. Ed Hartnett, training department is Civic Forum President.

The following sons and daughters of Goodyear employees will participate in the Scioto County Spelling Bee:

Sharon Coryell, McKinley Junior High School, daughter of Max Coryell, "C" Shift Superintendent; Anne Marie Sommer, Holy Redeemer School, daughter of Ralph Sommer, timekeeping & payroll department; Jerry Dobbins, Lucasville Intermediate School, son of James Dobbins, utilities maintenance; and David Snyder, Highland Elementary School, son of Paul Q. Snyder, chemical analysis department.

W. E. (Peg) Ellsesser, plant engineering, is serving his 9th consecutive year as chairman of the Bee. L. E. Fuller, personnel services subdivision, will act as word pronouncer for the 7th consecutive year.

## GAT To Receive Three Safety Awards

The Safety Council of the Portsmouth Area Chamber of Commerce will hold their Annual Awards Banquet May 4, at the American Legion Hall.

Safety Awards will be presented by a representative of the Division of Safety and Hygiene of the Industrial Commission of Ohio. Seventeen firms will be recognized for having no accidents in 1960. Sixteen firms will be recognized as winners in their classification groups and nineteen firms will receive achievement awards.

Goodyear Atomic Corporation will receive an Award of Honor from the Atomic Energy Commission and the National Safety Council. In addition, a Special Award will be presented from the Industrial Commission of Ohio. The Awards were earned for working 3,346,328 manhours without a disabling injury between September 3, 1959 and June 8, 1960.

Mr. Les Giblin will be the principal speaker for the awards banquet. He will speak on, "Human Relations in Industry."



Mr. and Mrs. Harley Dix, (process area 4), son, Kent Andrew.

Mr. and Mrs. E. R. Thomas, (process area 3), daughter, Meg Ellen.

Mr. and Mrs. W. H. Charlton, (utilities maintenance department), son, Michael Willard.

## McInerney Attends Training Course

H. M. McInerney, industrial hygiene & health physics department, attended the National Safety Council's course in industrial hygiene in Chicago, March 27-31.

The five-day course presented a survey of the many industrial health problems encountered by safety men.

The safety training institute offers courses in both basic and specialized aspects of accident prevention.

## GAT Archery Club

An archery club is now being organized in Jackson.

Anyone interested in joining this Club should notify B. R. Chambers, decontamination department, telephone extension 2571 or the recreation department.

## "B" Shift Golf

A few employees on "B" Shift have expressed an interest in organizing a golf league. If enough interest is shown the league will play at the Skyline Course in Waverly.

Anyone on "B" Shift interested in playing golf should contact the recreation department.

## GAT Softball Leagues

Softball team rosters should be submitted to the recreation department as soon as possible. Employees who desire to participate in softball this summer should notify the recreation department.

Leagues will play on Wednesday night in Waverly and Portsmouth.

An organizational meeting will be held Thursday, April 27.

## Duplicate Bridge

Twenty-eight people participated in the First Annual Duplicate Bridge Tournament conducted at the Portsmouth Elks Country Club, April 9.

North-South winners were Mrs. G. H. Reynolds and Mrs. F. E. Woltz. Winners for the East-West were J. R. Shoemaker and Donna Jenkins.

Both winners will be invited to the annual banquet of champions.

(Continued from page 1)  
ger, Mabel Shay, Mary Trotter, Mary Ulrich, Alexander Ware, Raymond White, Mary Young, Sister Jeanne Francis, Sister Patrice, and Sister Mary Julian.

## Peacetime Uses Of Atomic Energy

More than 10,000 licenses for the peacetime uses of atomic energy and nuclear material have been issued by the Atomic Energy Commission and are in effect in this country today. Some 8,500 of these relate to the use of isotopes which are winning a place of increasing importance in agriculture, medicine, and industry.

In agriculture, radioisotopes are helping scientists to unlock the secrets of the growth of plants and animals and of the pests and diseases that injure or destroy them.

In medicine, radioisotopes have helped in the study of cancer, leukemia, heart malfunction and other diseases. Over 2,500 hospitals, medical groups and individual physicians now use radioisotopes for medical diagnosis. In the area of radiation treatment, many of the uses of radioisotopes follow principles established by X-rays, particularly in the treatment of cancer.

In industry, radioactive cobalt is used routinely today to inspect welds on ships, tanks, and containment vessels. Other isotopes make possible radiation beam inspection of rapidly moving packages, cans, sheet material metal strip, and other products. Isotope gauges have been developed to penetrate through or reflect from material to insure uniform content, thickness or density of a number of kinds of products.

Radioisotopes have found another principal industrial use as tracers. Introduced in small amounts at the interface between two shipments of different material within a pipeline, such as oil and gasoline, for example, these isotopes signal along the entire length of the pipeline the exact point at which the flow of one product ends and the other begins. At the end of the line, the isotopes give the signal that diverts the materials to their separate storage tanks.

### IN MEMORIAM

Mrs. Chester Morman, 52, died April 4, 1961 at her residence in South Shore, Kentucky.

Two brothers, Arthur and Elmer Clary, are employees of Goodyear Atomic Corporation. Arthur is in plant engineering. Elmer is employed in the stores department.

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Goodyear Atomic Corporation  
P. O. Box 628  
Portsmouth, Ohio

More than 114,000 people are employed in the atomic energy industry today — the bulk of them by contractors doing work and carrying out programs for the Atomic Energy Commission. The lost-time accident rate in this industry is one of the best for any in the country. By far the majority of these accidents have been the type of accidents that could occur in any non-nuclear plant.

Whatever lies ahead, it is clear that the United States must summon all of its adaptability if it is to meet the rapid changes and vast responsibilities that are ours. We must operate at peak performance in all fields.

These are some of the requirements for both leadership and survival in a divided world in this — the nuclear age.

## McClelland Speaks To Training Directors

H. McClelland, supervisor of GAT's training department, will be one of the first speakers for the annual American Society of Training Directors meeting in May. The Training Directors group, a national organization, will convene in Philadelphia from May 2-4, for their 17th Annual Conference.

Mr. McClelland will speak on the topic of communication in industry.

### GOLF LEAGUE OFFICERS

*Waverly Women* — Margaret McNaughton, President; Mary Lee Page, Secretary.

*Portsmouth Women* — Judy McGlothlin, President; Anita Pflug, Secretary.

*Portsmouth Men* — Hugh Ruel, President; Dewey Wright, Secretary.

*Chillicothe Men* — Clark Robinson, President; Dick Schultz, Secretary.

*Waverly Men* — Vince DeVito, President; Bill Justice, Secretary.

*"A" Shift League—Waverly* — Bill Weaver, President; Virgil Butcher, Secretary.

*Jackson Men*—Dave Frame, President; Chuck Tabor, Secretary.

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