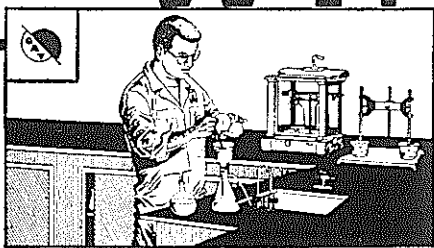


# THE WINGFOOT CLAN



## ATOMIC EDITION

THE BEST IS YET TO COME

VOLUME III

PIKE COUNTY, OHIO, WEDNESDAY, MAY 16, 1956

NUMBER 8

## COMPANY-WIDE PICNIC SET FOR JUNE 30, CAMDEN PARK



D. W. Doner



H. C. Hilliard

### Several Changes Made In Industrial Relations; Hilliard, Doner Promoted

D. H. Francis, general manager of Goodyear Atomic Corporation, today announced several promotions of industrial relations division personnel.

H. C. Hilliard, manager of the industrial relations division, has been promoted to the position of director foreign personnel relations for Goodyear and will be responsible to F. J. Carter, vice president in charge of industrial relations, for the Goodyear Tire & Rubber Company. Hilliard will be located in Akron, Ohio. This change is effective July 1, 1956.

D. W. Doner, superintendent of personnel services, will become manager of the industrial relations division, succeeding Hilliard.

L. E. Fuller, superintendent of employee relations, is appointed superintendent of personnel services and will be responsible for the training, plant protection, employment, and wage and salary standards

### Francis Named Chairman Pike County YMCA Drive

D. H. Francis, general manager of Goodyear Atomic Corporation, will serve as general chairman for the 1956 Pike County YMCA membership drive.

The campaign begins today and runs through May 29.

Robert D. Neff, Department 822, and S. W. Dirmeyer, Department 822, will serve as co-chairmen of Goodyear Division I.

R. A. Holthaus, Department 820, and Milford Barker, Department 825, will serve as co-chairmen of Goodyear Division II.

departments.

H. L. Caterson, superintendent of inspection and safety, will become superintendent of the newly created industrial engineering subdivision which, in addition to the functions of health physics, inspection and safety, will include the standard practice department.

P. F. Bliss has been named community relations coordinator, responsible for community relations and, in addition, the functions of the recreation department.

A. L. Sutton, a member of the industrial relations staff, has been named labor relations coordinator.

Messrs. Fuller, Caterson, Bliss, Sutton, and Dr. R. M. Andre, medical director, will report to Doner.

#### Started At Los Angeles

Hilliard joined Goodyear at the Los Angeles plant in 1927 as an hourly worker. He transferred to a clerical position during 1927 and advanced through all functions in the efficiency and personnel departments. At the time of his transfer in 1939 to the Company's new plant in Sao Paulo, Brasil, he was employment manager.

He remained in Brasil for 10 years, during which period he served as personnel manager, and for four years of that period also was manager of purchasing.

Upon completion of his Brazilian assignment, he was transferred to Akron, where he became assistant to the director of personnel and then assistant factory personnel manager. He held that position at the time of his

(Continued on page 3)

### First Company-Wide Dance Attracts 1000; Ramel Wins Golf Set

Successful . . . an excellent turnout.

Those words best describe the first company-wide dance held last month in the Ohio National Guard Armory, Portsmouth.

Dance committee members estimated that more than 1,000 people attended the dance. The Armory was decorated gaily with balloons, crepe paper, and many colored lights.

Lamar Ramel, Department 535, was holder of the first lucky door prize ticket which was good for a set of golf clubs. Marty Millard, Department 810, drew the tickets.

"I don't play golf, but I'm going to learn now," the happy winner said as he received the golf set, which included woods, irons, and golf bag.

There were 20 other lucky persons winning door prizes.

#### Winners

The winners were: J. C. Franklin, Department 331, portable radio; Fred Carrier, Department 730, clock radio; Vance Bakeman, Department 532, chaise lounge; Mary Lozier, Department 230, waffle baker & grill; Emory Badgley, Department 351, perculator; John Boggs, Department 822, men's razor; C. E. Hensley, Department 731, frying skillets and lid.

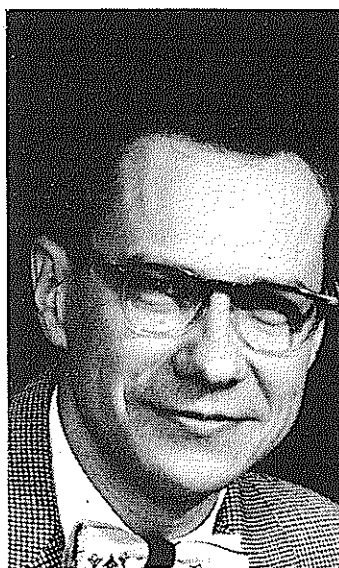
Mrs. L. E. Fuller, whose husband is in Department 230, toaster; Miles Bruno, Department 613, man's razor; Roy Brown, Department 532, deep fryer; C. D. Mullins, Department 817, hand mixer; Jerry Russell, Department 815, steam iron; Mrs. John Greene, whose husband is in Department 731, woman's razor; Joe Brant, Department 351, ice crusher.

Tom Haley, Department 613, egg cooker; Mrs. M. R. Zigler, whose husband is in Department 424, juicer; Joe Parker, Department 711, hair dryer; Gene Owen, Department 424, Revere Ware sauce pans; Bob Adams, Department 725, bun warmer, and Mylo Wooten, Department 731, corn popper.

#### Returns Watch

A watch belonging to Fred E. Bennett, Department 824, was found and has been returned by the man who found it, H. I. Vallery, Department 426.

Vallery discovered the watch at the wash-up station in the 705 Building, on April 23, when he was cleaning the area.



J. H. Ake

### Ake Promoted To Akron; Sams, Lee Given Promotions

J. H. Ake, assistant manager of the finance division, is being transferred to the home office of the Goodyear Tire & Rubber Company, Akron. H. H. Kenny, manager of the finance division, announced. The change is effective July 1.

Kenny also announced that W. L. Sams and N. A. Lee, will be promoted to assistant managers of GAT's finance division, as of the same date, handling the former duties of Ake.

Ake, who will observe his 19th year of continuous service with Goodyear on June 30, joined the office squadron in 1937. Upon completion of his squadron training he was assigned to factory cost and accounting.

In 1939, he was transferred to the St. Mary's, Ohio, plant as assistant works accountant. In 1942, he was promoted to works accountant of the St. Mary's plant where he remained until January, 1945, when he was transferred to the New Bedford, Massachusetts, plant.

Ake was recalled to Akron in 1946 as assistant to the chief works accountant. Two years later he became assistant works accountant and in 1951 was named assistant chief works accountant of the Akron plant.

He was transferred to Goodyear Atomic Corporation, as assistant manager of the finance division, in 1952.

Ake holds a BA degree in business administration from Mount Union College, Alliance, Ohio. He is a member of the Lions and Masonic

(Continued on page 3)

### Park To Be Reserved During Day For GAT Employees, Families

Goodyear Atomic's Third Annual Picnic has been approved by the Operating Committee for June 30.

The picnic again will be held at Camden Park, located on Route 60, a mile west of Huntington, West Virginia.

The picnic has been held at Camden the last two years and has met with considerable success. Approximately 5,000 people—employees and their families—attended each picnic.

#### Park Reserved

The park will be reserved that day for Goodyear Atomic employees only.

The interest of the day for the children are all the free rides—the roller coaster, the merry-go-round, and the ferris wheel.

There also is a train, kiddy-hand-cars, laff-in-dark and a miniature golf course.

Highlight of the day for the adults are the drawings for the various attendance prizes. A complete list of the prizes will be printed in the June issue of the *Clan*.

#### Ample Facilities

The park provides ample parking facilities as well as a large picnic area. The picnic pavilions are situated throughout the park which gives employees space to enjoy the basket lunch they may take with them.

Complete details of the affair will be carried in the June issue of the *Clan*.

### Jack Otis Is Awarded A \$2,000 Scholarship To UK

The son of a Goodyear Atomic employee, who graduates from high school this year at Ashland, Kentucky, has been awarded a \$2,000 scholarship.

He is Jack Otis, son of Mr. and Mrs. Sam C. Otis. The youth's father is in Department 712.

The scholarship, which is to be used at the University of Kentucky, was awarded by the Keenland Foundation, Lexington, Kentucky.

Otis will study animal husbandry and agriculture.

### GAT Employees

Have worked 1,420,132 Manhours  
As Of May 14, 1956  
Without A Disabling Injury

# COMPUTING DEPARTMENT HANDLES ALL KINDS OF MATHEMATICAL CALCULATIONS

## Personnel Does Work By Hand Calculators, Electronic Machines

"Give it to computing. They'll work it out for you."

That statement best sums up Goodyear Atomic's computing department.

They have the personnel and machines to handle all kinds of computing problems—big or small.

"Fact of the matter," says D. L. James, supervisor of the computing department, "handling computing and calculations for other departments in the plant is our primary function."

The department, which is a part of the uranium control subdivision, handles the problems by both desk calculator and IBM machine methods.

The two determining factors in whether the problem goes to the hand computing group or the electronic computing section depends on repetitiousness and/or length of the problem, and the amount of time required to do the problem.

If a problem is brief and to be done only one time, the hand computing section would handle it. That same problem, if it were to be repeated on a scheduled basis, would be done by IBM accounting and computing machines. If the problem were involved, requiring a number of trial-and-error calculations before arriving at the answer, then in all probability, it also would be done by machine.

"If it is to be worked by machine," James says, "our personnel, some of whom transferred into the department from other areas in the plant, work out such details as the wiring and testing of control panels. Data is then put on cards by our key punch operators, all of whom have had training and experience in this field. The cards are then turned over to the personnel that operate the machines and they handle the operation."

"If the problem is to be handled by hand computing, the members of that section, all women, do an equally efficient job by the use of a hand calculator. This proficiency involves more than just adding, subtracting, multiplying and dividing on the machine. A thorough knowledge of the calculator is needed to know all the tricks of the machine."

### Comparison Made

An example of the department's work is best seen by citing a complicated problem that recently was worked successfully by computing department personnel. The problem would have taken two to three man-days to do by hand methods. That same problem, placed on the newest and fanciest electronic machine in the department, called a Magnetic Drum Data Processing Machine (MDDPM)—took 3½ minutes.

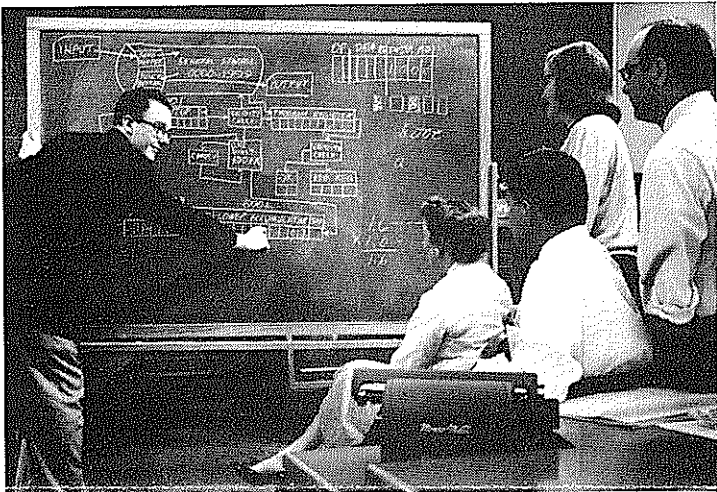
However, not all problems are as involved as that particular one and not all problems lend themselves to this particular machine.



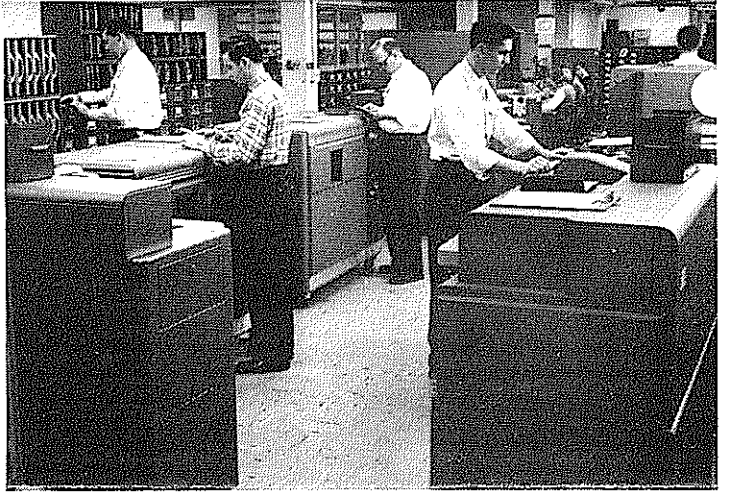
PAPER, PENCIL and a hand calculator are the main tools of the hand computing group, left. Gordon Williams, standing at rear of picture, confers on a problem with Helen Winn. To the left, rear, is Billie Stephenson. In the middle row are Ann Petry, left, and Ruby Harmon. In front are Mary Lee Weir, left, and Cora Lee Young. Above right, key punch operators, Betty Montgomery, seated right rear, Wanda Thurman, and



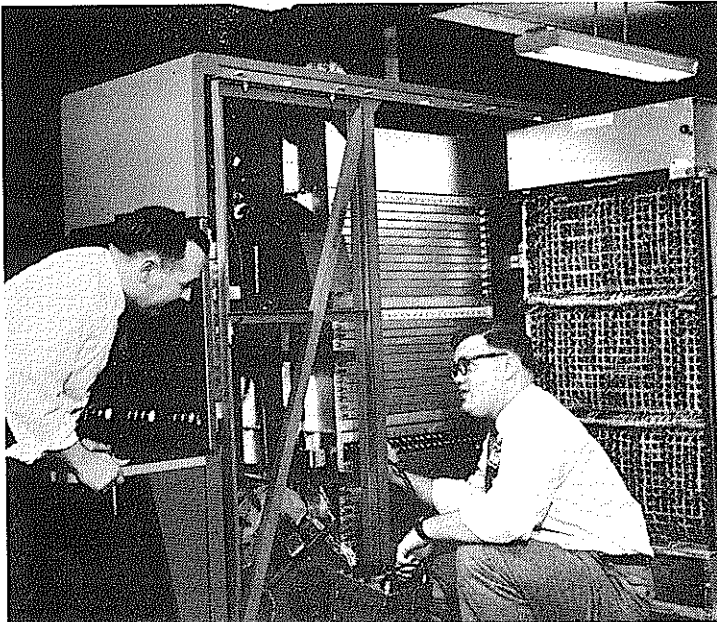
Jane Ashbaugh, transfer printed information to the IBM cards. The cards are used by the machine operators in making calculations. Personnel, clockwise, are Jack VanHoose, Desmond Rogers, Bob Mays, Joe Rice, Glenn Maranville, Jim Roche, and Harry Jordan. Mary Thompson, standing right, gives information to the key punch operators.



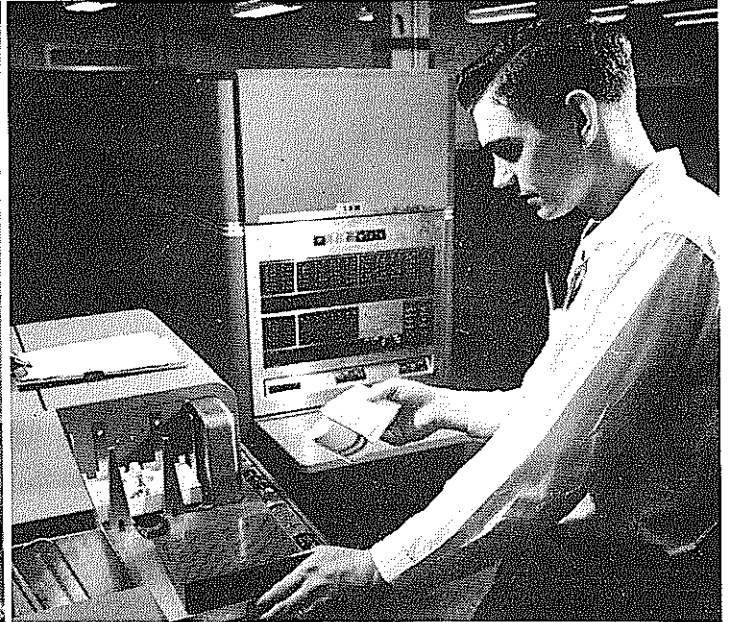
A DIAGRAM IS USED by the above group, left, in the discussion of the newest machine in the department, the electronic magnetic drum data processing machine. D. L. James is at the blackboard. Others, from left,



are Helen Winn, Glenn Maranville, Billie Stephenson and George Nagy. A close up of the personnel at some of the machines is shown above. Left to right are Glenn Maranville, Jim Roche, Harry Jordan, and Joe Rice.



D. L. PENNYCUFF, service engineer, kneeling above left, explains to Paul Forsyth the uses of an oscilloscope to check the various machine functions of the magnetic drum data processing machine. There are more than 2,500 electronic tubes in this machine; over 4,000 germanium diodes (small



transistor-like equipment); and several hundred miles of wiring. Bob Mays inserts key punched cards into the magnetic drum data processing machine. This machine, which is the newest and fastest in the department, can total a set of numbers at the rate of 75,000 10-digit numbers per minute.

James says the high-speed computers, generally referred to as electronic brains, are better described as "extremely fast morons." "They accept," James hurriedly explains, "only very elementary instructions. The person preparing a problem for a machine must allow for all possible contingencies in his planning because the machine will do nothing it has not been specifically instructed to do. Once given the instructions the

machine solves the problem very rapidly."

The preparation of a problem for an IBM machine usually takes much more time than the actual running time of one calculation. For this type of system to be economically sound some sort of repetitiousness of the problem must exist.

Paul Forsyth, who heads up the electronic phase of the computing department, says this repetitiveness

doesn't mean that the problem has to be performed 100 or 1,000 times.

"It may only be run several times but each calculation might consist of a number of successive approximations, thus making it an economical operation."

One distinct advantage of machine computing, it is pointed out, is that once a problem has been prepared it can be performed very fast and inexpensively. Also, the machine, even

after a lapse of time, can remember the problem and does not have to relearn it as does a human.

Examples of the wide variety of problems handled by electronic computing include: statistical study of the corrosion of condenser tubes; calculation of power transmission losses; scheduling of lubrication of plant equipment; calculation of the results of compressor test runs, and

(Continued on page 4)



**THE WINGFOOT CLAN**  
GOOD YEAR  
**ATOMIC EDITION**  
THE BEST IS YET TO COME

Published monthly in the interest of employees of the Goodyear Atomic Corporation.  
 Office: X-100 Building, Second Floor, South Wing  
 Telephone 2165

**THEY CALL THIS A BRIGHT SPOT**

The only bright spot in the 1955 highway record, according to a national insurance firm, was the fact that there were over 4,600 fewer pedestrian casualties during 1955 than 1954.

This picture is presented in a little pamphlet entitled "Fatal Fallacies," which was prepared by the Travelers Insurance Companies, of Hartford, Connecticut.

There were 37,800 men, women, and children killed in highway accidents during 1955. This is an increase of 2,300 over 1954. The 2,158,000 people injured in accidents last year constitutes a 198,000 increase over 1954.

Pedestrian casualties, even though fewer than the preceding year, still reached a staggering total of 230,400. This, according to the report, is a bright spot in the 1955 record.

What does this have to do with us? We, and that includes everyone of us, become statistics if we have an accident on the highway or are hit by a traveling vehicle. One of our employees was among the 37,800 that died last year on the highway. Many others were a part of the other statistics.

This booklet on highway facts is filled with all kinds of frightening information: of the total number killed 15,730 deaths occurred on week ends; 27% of the drivers involved in the fatal accidents were under 25 years of age; 85% of the vehicles involved in accidents were passenger cars; 4 p. m. to 8 p. m. is the most dangerous time, highway wise, of the day.

There are many other interesting facts in this booklet, facts that everyone should see. The booklet has been distributed to members of GAT supervision. Anyone interested in it can obtain the booklet from his supervision.

**FINANCE DIVISION**

(Continued from page 1)

Bodies.

Mr. and Mrs. Ake, their son and daughter, live in Chillicothe.

Sams joined Goodyear in 1947 as a general office trainee. That same year he became a cost clerk in the home office. In 1951, Sams was transferred to the Jackson, Michigan, plant as assistant works accountant.

He held that position at the time of his transfer in 1953 to GAT, as supervisor of accounting and budget. Sams holds a BS degree in accounting from Bowling Green State University. He served in the Army during World War II.

Mr. and Mrs. Sams and their son live in Chillicothe.

Lee, a native of Minnesota, was transferred to Goodyear Atomic Corporation, May 1, from the Goodyear Synthetic Rubber Corporation, Akron.

He joined Goodyear in 1942 following his graduation from the University of Minnesota, where he was awarded a bachelor of science degree in business administration.

Following his general office training, Lee was transferred to Goodyear Aircraft as assistant auditor.

He was transferred to the Goodyear Synthetic Rubber Corporation,

Akron plant, in 1943 as a bookkeeper. After moving up through various accounting positions, Lee was promoted, January 1, 1950, to the Houston plant, as assistant works accountant. Later that same year he was transferred back to the Akron synthetic plant as assistant works accountant.

He was promoted to works accountant in 1952 and comes to Goodyear Atomic from Akron.

Mr. and Mrs. Lee and their son have made their home in Cuyahoga Falls, Ohio.

**INDUSTRIAL RELATIONS**

(Continued from page 1)

transfer to Goodyear Atomic as a member of the original team.

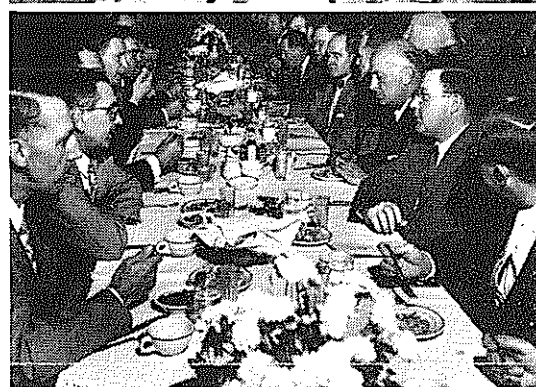
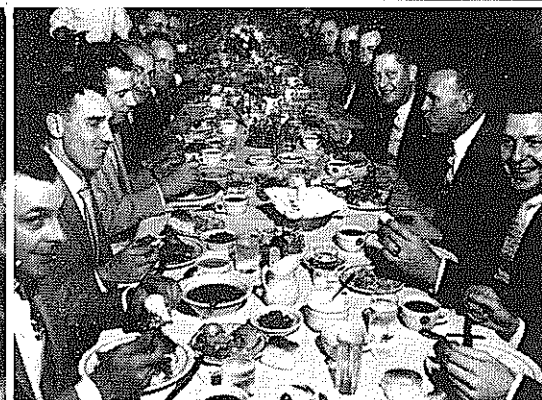
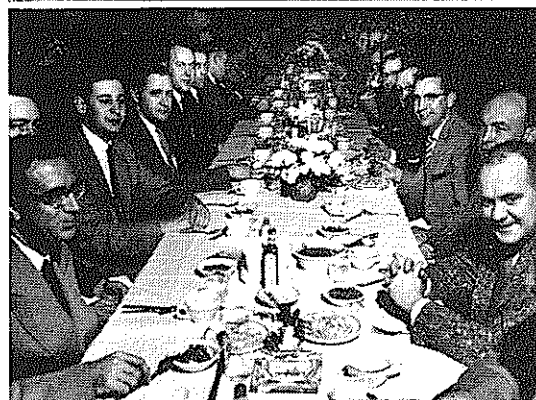
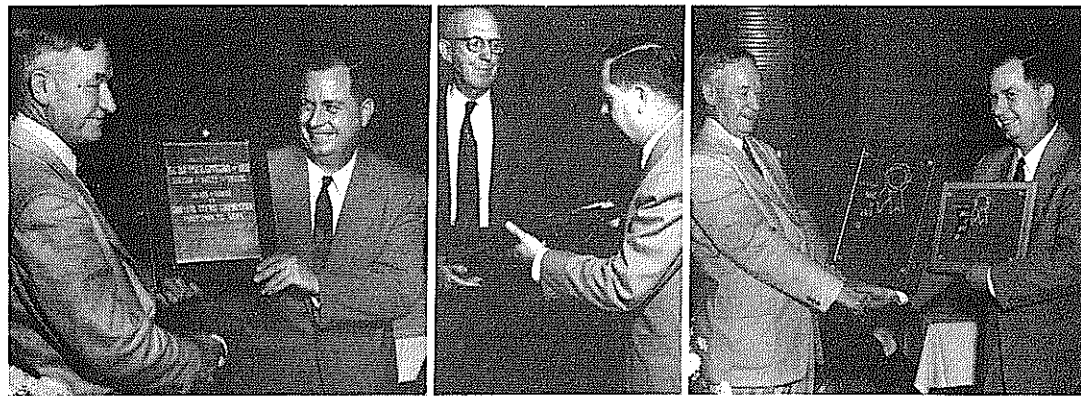
He is a native of Nebraska and attended the University of Southern California.

Mr. and Mrs. Hilliard and their son, John, live in Chillicothe. A married daughter lives in Illinois.

**Plant "C"**

Doner, prior to his assignment with Goodyear Atomic Corporation, was personnel manager of Goodyear's Plant "C" in Akron

Doner joined Goodyear in 1928



D. H. FRANCIS, right in each picture top row, receives the safety awards, on behalf of Goodyear Atomic Corporation, from the Industrial Commission of Ohio, the Atomic Energy Commission, and the National Safety Council. Handing out the awards are James H.

Fluker, left, superintendent, division of safety and hygiene; W. C. Crozer, safety engineer, AEC; and Superintendent Fluker, who represented the NSC. The other four pictures in the layout are of GAT personnel who attended the banquet.

**"Tribute To All Employees," Francis Says Of GAT'S Safety Awards**

"Such a feat could not be achieved without the wholehearted desire on the part of each employee to eliminate the suffering and the waste of human resources that accompany industrial accidents."

D. H. Francis, GAT's general manager, made the statement at the Annual Portsmouth Safety Awards Banquet, after accepting five safety awards—including two awards of honor—for an outstanding safety year at Goodyear Atomic Corporation.

"We feel," he continued, "that the desire to make Goodyear Atomic one of the safest places in the country to work is shared by every single employee in the plant. With the desire for a perfect safety record deeply ingrained in each employee, the problem then becomes one of recognizing hazards and taking appropriate corrective action."

**Safety Effort**

"A considerable amount of effort as a tire builder and in 1929 he was transferred to the production squadron, where he served for eight years as trainee, instructor and supervisor.

He was assigned, in 1937, as a production supervisor at Goodyear's plant in Jackson, Michigan. He returned to Akron in 1940 as a member of the employment department

in the field of safety is expended at Goodyear. In addition to the duties of safety, which are an integral part of each job, regardless of the type of job, we have a considerable number of people who spend their full time working in the various phases of safety and hazard control.

"These awards are a tribute to all employees, including our full-time safety people, for the untiring effort that has made possible the full enjoyment of life by our employees because of the near absence of job injury."

**One Of 22**

Goodyear Atomic Corporation was one of 22 groups recognized for an outstanding safety record during the past year. GAT received two awards from the National Safety Council—the Award of Honor and the Award of Merit; the Award of Honor from the Atomic Energy Commission, and two safety awards from the Industrial Commission of Ohio.

of Goodyear Aircraft.

He later served, for a year, as personnel manager at branch plants in Millersburg and Urichville, Ohio. In 1944, he was named manager of the labor department of Plant D, Goodyear Aircraft. He also served as assistant to the director of personnel at Plants A, B, C, and D. He was

Goodyear Atomic's awards were based on two safety periods: 3,678,843 manhours worked from June 6, 1955 to February 7, 1956, without a disabling injury, and for 1,567,805 manhours worked from January 13, 1955 through April 19, 1955, without a disabling injury.

The firms that were recognized for their safety record are: Selby Shoe Company, Simpson Brothers, Standard Oil of Ohio, The Ohio Power Company, The Borden Company, Coca Cola Bottling Company, Foremost-International Dairies, Inc., Barq Bottling Company, Portsmouth Gas Company, and Standard Slag Company.

Peter Kiewit Sons' Company, Grinnell Corporation, Reynolds-Newbery, George Koch Sons', Inc., S. T. Kenyon Company, Ralph Rogers & Company, Blout Brothers, George Sheaff, B. F. Brown Company, Giffles & Valler, Inc., and the Atomic Energy Commission.

transferred, in 1945, back to GT&R, as a senior time study man.

From 1947, until his transfer to GAT, Doner was personnel manager at Plant C, where Goodyear Airfoam and Pliofilm are manufactured.

Mr. and Mrs. Doner, their two daughters, and a son, live in Chillicothe.

### GAT Softball Program In Full Swing; Employees Play In Four Local Areas

Goodyear Atomic's 1956 softball program is now in full swing.

GAT will again sponsor a team in the Chillicothe City League. Last season the team won the league championship and is out to repeat again this year. Leo Woods, of Department 712, will serve as manager.

Back this year for another tour of mound duty is Paul Neff, Department 741, one of the best softball pitchers in this area.

The sponsored team in Jackson has been working out and began City League play May 14.

Goodyear Atomic will sponsor a team in the 12-team Portsmouth YMCA Slo-Pitch League. Al Faris, Department 817, is serving as team manager.

Waverly has an 8-team intra-plant league that plays on the Waverly ath-

letic field Monday, Tuesday, Wednesday and Friday nights, beginning at 5:30 p. m. League play began Monday, April 30.

Team names and captains are: "A" Shift, Bill Harbert; The Team, J. Spraul; Engineers, L. R. Miller; Turtles, Norb Vulgamore and Dale Manley; Decontamination, Ray Jamison; Old Pros, Bim Walder; Rockets, Paul Slaughter; Groovers, J. Henry.

The GAT intra-plant league in Portsmouth plays each Wednesday night, beginning at 6 p. m. League play began this month.

Team names and captains are: Finance, John Gemperline; Production Operators, Allen Faris; Padazzlers, Ollie Vita, Inspectors, Tom Taulbee; Stores, J. Bowman.

### Bielewicz Moved To Goodyear Akron

S. J. Bielewicz, Department 761, has been transferred to the home office, the Goodyear Tire & Rubber Company, Akron.

T. W. Leary, superintendent, plant engineering, said Bielewicz was transferred to the electrical engineering department of staff engineering.

Bielewicz came to Goodyear Atomic, May 2, 1955, from the Allied Dye and Chemical Corporation, where he was an electrical design engineer.

He holds a BS degree in electrical engineering from Syracuse University. During World War II, Bielewicz served in the Army Quartermaster Corps.

Mr. and Mrs. Bielewicz and their two children live in Chillicothe.

### GAT People Active In Lake White Little Theater

Two employees, and the wife of another employee, are participating in the Lake White Little Theater production, "The Tender Trap".

They are R. J. Freeman, Department 617, who is directing the production; and actresses Mary Little, Department 817, and Mrs. Louis Dixon, whose husband is in Department 712.

The play will be presented at 8 p. m. on June 2, 3, 9, and 10 at the "Barn", located on the north side of Lake White.

### Two New GAT Golf Leagues Being Formed; Play At Jackson

Two new golf leagues are being organized—one for men and one for the women. Both will play at the Jackson Country Club.

The men's league will play every Tuesday, and the women's league on Wednesdays. Both leagues will play after work.

### WANTS FISHING PARTNERS

Clyde M. Smith, Department 426, would like to have some fishing companions to go with him to Canada.

He says the fishing is good and he has been going there since 1949. If interested, let Smith know about it.

## Next Step: College, Service, Work Or Marriage; Sons, Daughters Of GAT Employees Graduating From High School Plan Accordingly

College . . . Armed Services . . . Work . . . Marriage.

Those are the major fields in which the young men and women shown here will undertake following the completion of high school.

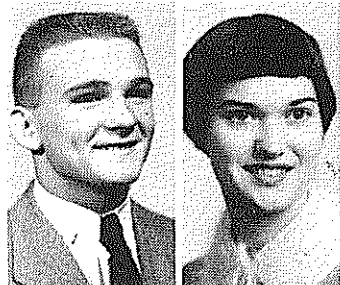
The pictures accompanying this story are of the sons and daughters

of Goodyear Atomic employees who will graduate from high school this year.

A survey of these students indicates that some will continue their formal education while others will seek gainful employment. Some of

the young men will enter military service. A few of the students will marry soon after graduation.

These pictures were submitted in response to a *Clan* article last month which requested the names and pictures of the high school students graduating this year:



Wade Cormany Evelyn Johnson

Wade, a son of Mr. and Mrs. Lee Cormany, graduates from Waverly High School. His father is in Department 231.

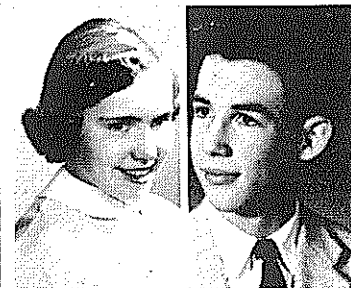
Evelyn, a daughter of Mr. and Mrs. Clyde Johnson, graduates from Lucasville High School. Her father is in Department 426.



Arthur L. Pickelheimer Hartsel L. Tanner

Arthur, a son of Mr. and Mrs. A. D. Pickelheimer, graduates from Portsmouth High School. His father is in Department 241.

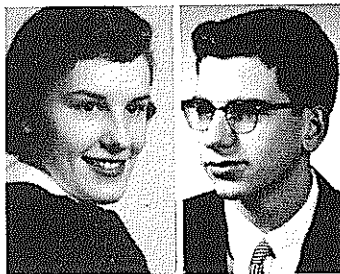
Hartsel, son of Mr. and Mrs. George E. Tanner, graduates from Jackson High School. His father is in Department 424.



Nancy Ann Crabtree Richard Crow

Nancy Ann, a daughter of Mr. and Mrs. B. T. Crabtree, graduates from Stockdale High School. He is in Department 223.

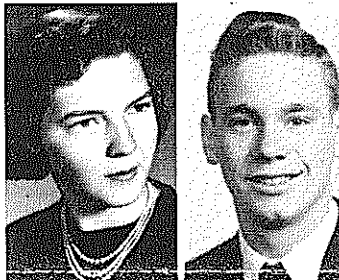
Richard, a son of Mr. and Mrs. L. M. Crow, graduates from Jackson High School. His father is in Department 813.



Susan B. Redman John Hilliard

Susan, daughter of Mr. and Mrs. Clarence E. Redman, graduates from Waverly High School. Her father is in Department 814.

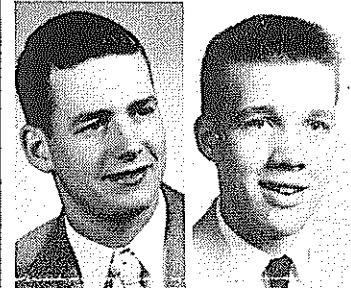
John, son of Mr. and Mrs. H. C. Hilliard, graduates from Chillicothe High School. His father is in Department 201.



Maxine Bolt James R. Shoemaker, II

Maxine, daughter of Mr. and Mrs. Eugene Bolt, graduates from Jackson High School. Her father is in Department 724.

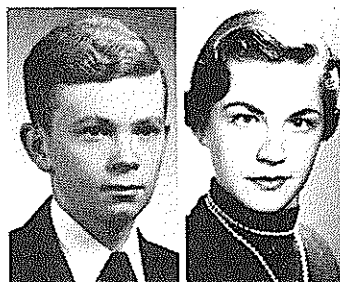
James, son of Mr. and Mrs. J. R. Shoemaker, graduates from Portsmouth High School. His father is in Department 630.



David M. Reasons Joe Meadows

David, son of Mr. and Mrs. Madison Reasons, graduates from Chillicothe High School. His father is in Department 731.

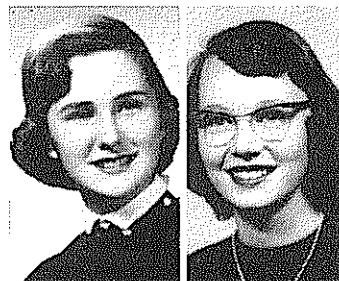
Joe, son of Mr. and Mrs. Clyde Meadows, graduates from Glenwood High School, New Boston. His father is in Department 712.



John R. Parrish Joyce Hurn

John R. (Dick), son of Mr. and Mrs. Paul R. Parrish, graduates from Chillicothe High School. His father is in Department 712.

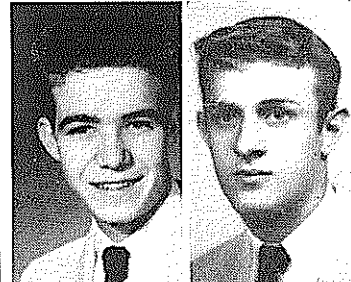
Joyce, daughter of Mr. and Mrs. J. E. Hurn, graduates from Stockdale High School. Her father also is in Department 712.



Pam Merrill Phyllis Ann Wood

Pam, daughter of Mr. and Mrs. J. A. Merrill, graduates from Chillicothe High School. Her father is in Department 601.

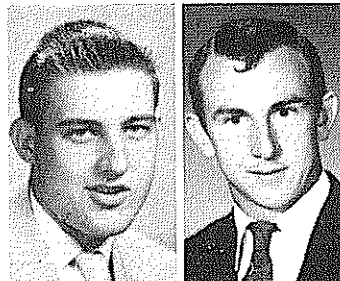
Phyllis, daughter of Mr. and Mrs. James W. Wood, graduates from Valley High School, Lucasville. Her father is in Department 631.



James O. Brooks, Jr. Richard B. Reynolds

James (Jimmy), son of Mr. and Mrs. J. O. Brooks, graduates from Beaver High School. His father is in Department 252.

Richard, son of Mr. and Mrs. G. H. Reynolds, graduates from Waverly High School. His father is in Department 801.



Rex Johnston Jim Adamson

Rex, son of Mr. and Mrs. D. M. Johnston, graduates from Wellston High School. His father is in Department 723.

Jim, son of Mr. and Mrs. J. B. Adamson, graduates from Jackson High School. His father is in Department 732.

### GOLF PLAYDAY MAY 26

Two men's golf playdays will be held this year, the recreation department announced. The department will conduct one at Portsmouth and the other at Circleville.

The first one is scheduled at the Elks Country Club, Portsmouth, Saturday, May 26. Tee-off time will be between 8 a. m. and 10 a. m. Make-up a four-some and plan to attend this playday.

### COMPUTING DEPARTMENT

(Continued from page 2)

determination of the effect on production of changes in operating variables.

Gordon Williams, who has charge of the hand computing group, said that his group also handles a wide variety of problems.

In addition to purely computational jobs done on desk calculators, he explains, "many jobs call for plotting or tabulation of data and results. A job may require as little as 15 minutes or as much as 20 or 30 manhours."

#### Inventory

One of the primary functions of hand computing is the monthly calculation of the cascade uranium inventory.

Another type of job that is done by hand computing is determining an equation to fit a set of data. This is not quite so complicated as it seems. It might involve, for example, determining the relationship between the amount of power generated and the loss in transmission. The resulting equation might be used in a later phase of the problem.

Calculations to determine the various internal pressures in the cascade equipment is another example of the type work done by hand computing. Figuring the effect of various factors on the life of generators in the fluorine generation process also might fall to hand computing.

"The computing department has 19 employees," James points out, "and were it not for the experience of our personnel, these machines could not do one piece of work."

"If any department can make use of our services, we will be happy to lend assistance to them."

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