

GAT Bloodmobile Visit Set For March 24--25

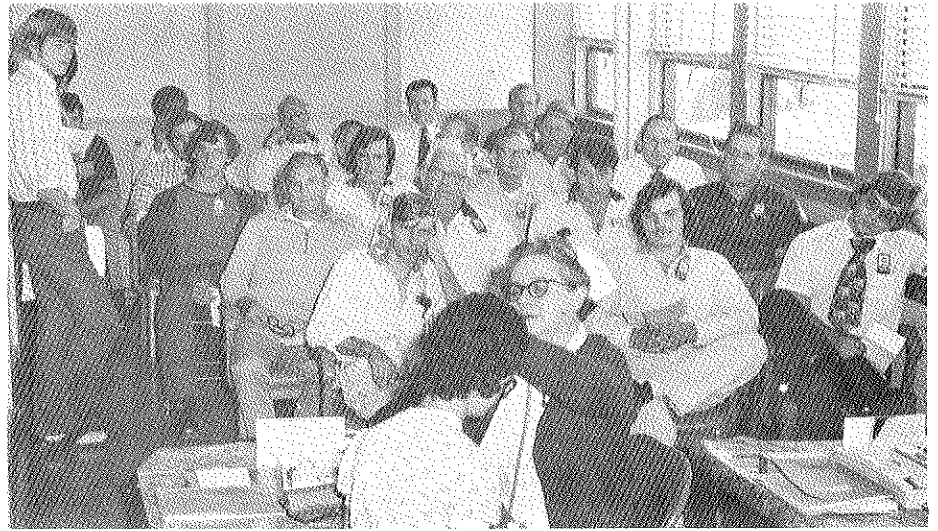
The Tri-State Red Cross Blood Center has confirmed March 24 and 25 as their next visit to Goodyear Atomic Corporation.

The success of our program is of great importance to all employees so that Goodyear Atomic maintains its coverage for your family. Coverage includes your immediate family, your parents, parents-in-law, permanent residents of your household and retirees and their spouses.

That should be reason enough for you to give, since in times of emergency there is no substitute for blood. The idea that you may never need the service is one of the worst gambles you can take. Although your family is of utmost importance to you, the opportunity to supply the critical needs of others provides an inner feeling of accomplishment that is truly a life-saver.

The Bloodmobile Unit will be on plantsite Monday, March 24, from 12 Noon until 6 p.m., and again on Tuesday, March 25, from 7 a.m. to 12 Noon. Blood facilities will again be set up in the south wing of the X-100 Building.

If you decide to give of yourself, it will be sincerely appreciated by the recipient. Recently, one of our employees stated that the blood from our program has saved his life three times, and there is no price you can place on such a gift. Don't let this opportunity go by, hoping that other employees will give enough. It's a satisfying feeling to get involved.



Due to employee participation during the last visit of the Bloodmobile on September 30 and October 1 of 1974, GAT met its quota. Insure success this month.

The WINGFOOT CLAN

A Subsidiary of
Goodyear Atomic Corporation The Goodyear Tire & Rubber Company

Volume 22

Pikeston, Ohio, March, 1975

Number 3

GT&R Surpasses \$5 Billion In Sales



Pilliod

A record fourth quarter boosted Goodyear's 1974 sales to an all-time high of \$5,256,200,000, Charles J. Pilliod, Jr., Chairman and Chief Executive Officer reported.

This record figure is \$581 million or 12.4 per cent over the previous year's sales of \$4,675,300,000. In the last five years, Goodyear sales have increased more than two billion dollars, representing a compound growth rate of 10.3 percent. It is the first company in its history to surpass the five billion dollars sales mark.

The Company's fourth quarter sales reached \$1,365,396,000, a 10.4 per cent gain over the \$1,236,800,000 in the 1973 period, with net income of \$37,773,000. Final quarter net income was reduced \$15,103,000 as a

result of the change to LIFO — Last-in First-Out — method of inventory valuation. Fourth quarter 1973 earnings were \$53,226,000.

Net Income Reduced

Goodyear's net earnings for 1974 after the change to LIFO accounting were \$157,500,000, equal to \$2.18 per share, compared with \$184,000,000, or \$2.52 per share in 1973. The adjustment to LIFO reduced net in-

come \$55,800,000 or 77 cents per share in 1974.

The adoption to LIFO permits matching current costs against current revenues, increases cash flow, and strengthens the Company's financial base for future growth, Pilliod said.

Pilliod said Goodyear International Corporation compiled record sales for the 20th consecutive year. Both sales of tires and general pro-

ducts contributed heavily to this record.

However, Pilliod said Goodyear International profits of \$57,700,000, which declined \$6,800,000 from the previous year's record, were adversely affected by heavy currency devaluation of more than \$20,000,000 as well as the depressed state of the German tire market.

Radial Demand Continues

Goodyear's Chief Executive said that, while total U.S. industry auto
(Continued on Page 2)

Nuclear Power Is Required

Scientists Review Energy Crisis

EDITOR'S NOTE: The following statement on energy policy was recently released by a large number of outstanding scientists who have thoroughly researched and reviewed the critical situation. Their comments are most timely and are an expression of facts and opinions that must be seriously considered. Due to a practical limit of space, only one-third of the signers of the statement could be listed. A complete listing will be available on request.

We, as scientists and citizens of the United States, believe that the Republic is in the most serious situation since World War II. Today's energy crisis is not a matter of just a few years but of decades. It is the new and predominant fact of life in industrialized societies.

The high price of oil which we must now import in order to keep Americans at their jobs threatens our economic structure — indeed, that of

the Western World. Energy is the lifeblood of all modern societies and they are currently held hostage by a price structure they are powerless to influence.

In the next three to five years conservation is essentially the only energy option. We can and we must use energy and existing energy sources more intelligently. But there must also be long range realistic plans and we deplore the fact that they are de-

veloping so slowly. We also deplore the fact that the public is given unrealistic assurances that there are easy solutions. There are many interesting proposals for alternative energy sources which deserve vigorous research effort, but none of them is likely to contribute significantly to our energy supply in this century.

Conservation, while urgently necessary and highly desirable, also has its price. One man's conservation may be another man's loss of job. Conservation, the first time around, can trim off fat, but the second time will cut deeply.

When we search for domestic
(Continued on Page 3)

Explanation Given For ERDA Symbol



The symbol for the Energy Research and Development Administration has produced comments and questions as to its meaning. At the center of the seal is the sun. The 50 stars represent the 50 United States. The seal has a dark blue background; the outer two rings and the center of the sun are yellow-orange; the lettering is white; and the rays of the sun and the 50 stars are silver. The AEC's Graphics Arts Staff drew the rough design, then the Institute of Heraldry in the U. S. Department of Defense came up with the final design.

At a press conference held by Dr. Robert C. Seamans, Jr., Administrator of ERDA, on January 20, he gave his evaluation of the symbol. The question asked was, "Could you tell us your feelings about the symbol? Maybe it would give us some kind of idea as to your overall philosophy as to what this is about."

Dr. Seamans answered, "Some

might think we have thrown the atom out the window and we are just going to solar.

But when you come to think about it, the sun is where we get our energy daily — and directly — and that is what takes care of our atmosphere and makes it a place where we can live.

The sun's effects have led to our fossil fuels, and also lead to some of the more exotic forms of energy, such as the currents of the ocean and the thermal gradients in the ocean. When you look at the sun, though we don't fully understand all of the mechanisms that make it work, it certainly gets into the use of basic physics, as do our reactors.

In trying to come up with one simple symbol, we felt that this was perhaps the best way to show it, because it can represent all forms of energy; that is what it is supposed to represent.

The one thing that I wish we could have thought of is some part of the symbol that would really dramatize the need for conservation. Perhaps the fact that we did show the 50 stars around the outside can lead people to believe that not only are all of the States of the Union involved, but that everybody has got to be involved in conserving energy. That is the way I describe the logo, and it is the way I described it in conversations with the President."

Wheelersburg Store Opens

Discounts And Bonuses Save Money

When was the last time you visited a Goodyear store? The employee discounts which are available for Goodyear Atomic employees can save you a noticeable percentage of the normal cost of their merchandise. Tires are, of course, their main sales item, but in addition, the stores carry a variety of appliances and automotive equipment. The auto service centers, which are the main tire service areas of the stores, frequently feature a variety of other automotive services at reduced rates.

A new Goodyear store has recently opened in the Wheelersburg Mall. The manager, John McMillan, and his wife and son have joined the community and have been encouraged by the welcome they have received. Goodyear Atomic employees and retirees will be eligible for employee discounts on all merchandise and will

also be eligible to receive employee credit terms. The store's hours are Monday through Friday 9 a.m. to 6 p.m., and Saturday from 9 a.m. to 5 p.m.

There are many benefits to being a Goodyear employee. Recently, employees and retirees were informed by a letter to their homes of the Company's attempt to stimulate new car sales when a \$100 bonus was offered by Goodyear on the purchase of new automobiles. Saving money and at the same time stimulating the economy are two new ideas that almost everyone can understand.

Conserve Energy
Use Carpools



Scribner

Crain

Burke

Three Employees Announce Retirement

The retirement of three veteran employees has been announced. John L. Scribner elected early retirement, effective March 1. A Process Foreman in D-811, Scribner had over 21 years' service. Retiring for health reasons

are Frank M. Crain, Jr. (D-732) and William L. Burke (D-856). Both had over 20 years' service at the time of their retirement. Crain, a Maintenance Foreman, retired January 1 and Burke, a boiler operator, February 1.

Record Sales Reported

(Continued from Page 1)

Tire sales were down in 1974 compared with the record year 1973, demand for radials, truck farm, construction, and large earthmover tires continued strong.

The higher dollar value of radial tires which accounted for 30 per cent of the market offset the drop in total tire units in 1974, thus establishing record dollar sales for passenger car tires.

Pilliod added that Goodyear is particularly well established to take advantage of this growth since the Company is the largest supplier of radial tires in the U.S. and is the only tire manufacturer providing radials to all four Detroit automakers.

The Company expects the trend to greater use of radials to continue and is planning accordingly.

Food, Energy Are Keys

Demand for general products continued to expand, especially those lines relating to the increased emphasis on food and energy output, Pilliod reported.

Sales of industrial rubber products such as conveyor belting, power transmission belting, and hose figured prominently — particularly in coal mining projects, which registered a sharp increase during the year.

Although there were periods of shortages in petrochemicals, Pilliod said the sale of Goodyear chemical products reached a record high in 1974.

Exports Increased

In support of the U.S. economy, the Goodyear Executive said exports of tires and other rubber products from the U.S. increased 80 per cent in 1974, establishing all-time records.

The Company invested \$281.5 million during 1974 in new production facilities, expansion, and modernization. He said important expansions were completed and new equipment installed in all major domestic plants to prepare the Company for future growth and demand for tires and general product lines.

Goodyear opened new tire plants in Morocco and Malaysia in 1974 and completed major expansions in tire and non-tire plants in Asia, Africa and South America.

Pilliod said the government has authorized a \$250 million investment at its uranium enrichment plant at Portsmouth, Ohio, which Goodyear Atomic Corporation operates for the Energy Research and Development Administration (ERDA). This will increase the plant capacity by 50 per cent, providing much-needed fuel for nuclear power.

You Can Make The "I"dea Honor Roll!

Beginning in March, a new dimension will be added to the Cost Reduction "I"dea Program with the issuance of an "I"dea Award Certificate to the submitter of each "I"dea that is favorably evaluated.

An "I"dea Honor Roll will appear in the Wingfoot Clan, beginning in April, to recognize, by the name of the submitter, those "I"deas accepted.

Scientists Call For Action

(Continued from Page 1)

sources to substitute for imported oil, we must look at the whole picture. If we look at each possible energy source separately, we can easily find fault with each of them, and rule out each one. Clearly, this would mean the end of our civilization as we know it.

Our domestic oil reserves are running down and the deficit can only partially be replaced by the new resources in Alaska; we must, in addition, permit off-shore exploration. Natural gas is in a similar critical situation; in the last seven years, new discoveries have run far below our level of gas consumption. Only with strong measures could we hope to reverse this trend.

We shall have to make much greater use of solid fuels. Here coal and uranium are the most important. This represents a profound change in the character of the American fuel economy. The nation has truly great reserves of these solid fuels in the earth. Our economically recoverable coal reserves are estimated to be 250 billion tons and exceed the energy of the world's total oil reserves. Our known uranium ores potentially equal the energy of 6,000 billion tons of coal; lower grade ore promises even more abundance.

The U.S. choice is not coal OR uranium; we need both. Coal is irreplaceable as the basis of new synthetic fuels to replace oil and natural gas.

However, we see the primary use of solid fuels, especially of uranium, as a source of electricity. Uranium power, the culmination of basic discoveries in physics, is an engineered reality generating electricity today. Nuclear power has its critics, but we believe they lack perspective as to the feasibility of non-nuclear power sources and the gravity of the fuel crisis.

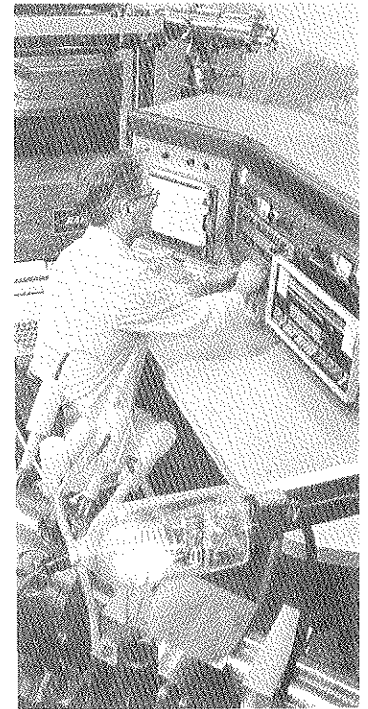
All energy release involves risks and nuclear power is certainly no exception. The safety of civilian nuclear power has been under surveillance without parallel in the history of technology. As in any new technology there is a learning period. Contrary to the scare publicity given to some mistakes that have occurred, no appreciable amount of radioactive material has escaped from any commercial U.S. power reactor. We have confidence that technical ingenuity and care in operation can continue to improve the safety in all phases of the nuclear power program, including the difficult areas of transportation and nuclear waste disposal. The separation of the Atomic Energy Commission into the Energy Research and Development Administration and the Nuclear Regulatory Commission provides added reassurance for realistic management of potential risks and benefits. On any scale the benefits of a clean, inexpensive, and inexhaustible domestic fuel far outweigh the possible risks.

We can see no reasonable alternative to an increased use of nuclear power to satisfy our energy needs.

Many of us have worked for a long time on energy problems and

ISOTOPE SCOPE — A Goodyear Corporation lab technician checks a sample of uranium hexafluoride gas with a mass spectrometer — designed and built by Goodyear — to determine amounts of various isotopes the gas contains. Under contract to the Energy Research and Development Administration, Goodyear produces refined uranium at ERDA's plant in Piketon, Ohio, for use as fuel for power plants, ships, and submarines.

This picture and caption was circulated by Goodyear, Akron, News Bureau. Goodyear Atomic's function in the nuclear energy industry and an understanding of our technology adds considerably to the public's understanding of the job which we are doing. The employee in the picture is Harold H. Hatten, D-554, Technical Assistant I.



therefore we feel the responsibility to speak out. The energy famine that threatens will require many sacrifices on the part of the American people, but these will be reduced if we marshal the huge scientific and technical resources of our country to improve the use of known energy sources.

Signed by:

Hans Bethe*—Organizing Chairman; Cornell University Laboratory of Nuclear Studies.

Luiz Alvarez*—Lawrence Radiation Laboratory, Berkeley, Calif.

John Bardeen*—Department of Physics, University of Illinois.

Felix Bloch*—Department of Physics, Stanford University.

Ralph E. Lapp — Energy Consultant, Alexandria, Va.

Joshua Lederberg***—Department of Genetics, Stanford Univ.

Willard F. Libby**—Department of Chemistry, University of Calif.

Edwin M. McMillan**—Director, Lawrence Radiation Laboratory, Berkeley, Calif.

Edward M. Purcell*—Dept. of Physics, Harvard University.

I. I. Rabi* — Professor of Physics, Emeritus, Columbia University.

Norman Rasmussen — Dept. of Nuclear Engineering, Mass. Institute of Technology.

Glenn T. Seaborg** — Associate Director, Lawrence Berkely Laboratories.

Eugene Wigner* — Professor of Theoretical Physics, Princeton Univ.

*Nobel Prize in Physics

**Nobel Prize in Chemistry

***Nobel Prize in Physiology and Medicine

IN MEMORIAM

Oscar M. Tennant, Jr., a mobile equipment mechanic in D-733, died February 8 from injuries sustained in a January 27th auto accident near Jackson, Ohio.

The WINGFOOT CLAN

GOODYEAR ATOMIC CORPORATION
A DIVISION OF THE GOODYEAR TIRE & RUBBER COMPANY
A DIVISION OF THE GOODYEAR CHEMICAL COMPANY

Published monthly in the interest of employees of the

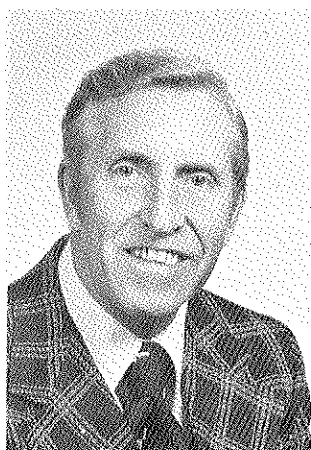
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Jarvis Promoted On February 1



W. W. (Reggie) Jarvis has been

promoted to Assistant Supervisor, Office Services, D-375. He will supervise the reproduction function of the department as well as the coordination of the multitude of service provided for GAT's administrative offices.

Mr. Jarvis was hired in September of 1954 as a photostat operator in D-371 (since changed to D-375), and held several other positions during his twenty years of service. They include layout man, plate maker, reproduction operator and technical illustrator. Reggie and his family are residents of Wheelersburg, Ohio.



Welding Inspectors Complete Course

These welding inspectors have completed the GAT Welding Inspection Course. The course, published by the Canadian Welding Bureau, provides instruction in X-ray, liquid penetrant, visual and other inspection methods.

The Welding Inspection Section, D-729, is concerned primarily with fabrication of equipment for the present Cascade Improvement Program. Each of these employes has over 20 years of GAT service. They are, from left to right: George Henneman, Zach Phillips, Roy Walters, and Willie Meade.



Browning Wilburn Arnold Vande Linde Wimer

People On The Move

Effective February 1, five promotions were announced in the Plant Engineering and Maintenance Division. S. G. Browning and E. E. Wilburn, formerly electricians 1/c, were promoted to Foremen, Electrical Maintenance.

W. R. Arnold, J. E. Vande Linde and R. Wimer, Jr., formerly instrument men 1/c were promoted to Foremen, Instrument Maintenance.

Events Announced

Women's Club Positions Filled

The first board meeting for the Goodyear Atomic Women's Club was held at the home of Mrs. Bobbie Noel, Club President.

The following members accepted committee chairwomen positions for the following year: Mrs. Guy Parks, Social; Mrs. Gordon Sanders and Mrs. Harry Gowdy, Co-chairwomen for Ways and Means; Mrs. Walter Bridwell, Program; Mrs. Paul Briggs, Sunshine; Mrs. Charles Trivisonno, Membership; Mrs. Leonard Savage, Publicity; Mrs. David Goodman, Historian; Mrs. Neville Trimble, Parliamentarian; Mrs. Robert Walters, Goodyear Liaison; Mrs. Glen Williams, Reservations; Mrs. Max Coryell, General Fund; and Mrs. John Thompson, Charity Liaison.

The Club is announcing two coming events to be sponsored by the organization.

A Rummage Sale will be held on March 8, 9:00 a.m., at Wayne Hills Administration Building. Persons having items they wish to donate may contact any Club member to arrange for pick-up. Co-chairwomen are Mrs. Max Coryell and Mrs. Hugh Boggs.

On April 12, a Spring Dance will be held at the Elks City Club with Jim Purdy and the Trybe. Tickets are \$6 per couple and may be purchased from any Club member or at the Plant from Mrs. Robert Walters and Mrs. Ralph Ward. Committee members are: Co-chairwomen, Mrs. David Goodman and Mrs. Robert Cassity; Publicity, Mrs. Hugh Boggs; Decora-

Tire Refund Program Continues

Employees and retirees from Goodyear Atomic received \$1,517 in refunds last year as a result of buying Goodyear tires.

A 1974 report, compiled by the accounts payable department in Akron, showed that 134 persons bought 420 tires and 9 tires were changed over on new vehicles that came equipped with competitive brands.

Companywide, employees and retirees received \$138,992 in refunds in 1974.

In an effort to encourage employees and retirees and members of their families to ride on Goodyear tires, the company started an employe tire purchase program in 1972. In that three years a total of \$579,885 has been refunded.

The program was revised and liberalized last October. Formerly a specific dollar amount was set for a tire,

regardless of the purchase price. Under the revised plan Goodyear gives a flat 10 per cent refund regardless of any price that may be negotiated with a service store dealer or tire center. All discontinued design and blemished tires are included in the revised program.

CLASSIFIED

For Sale

1973 Vega Hatchback GT, automatic, new steel radials and new shocks, 20,000 miles, 30 miles per gallon, \$2300 (774-3403).

1974 Chevrolet Custom Impala Coupe, 350 V-8, Power Steering, Power Brakes, 8000 miles. Color — Silver Metallic. Will sell for \$3225. Phone Minford 820-2488.

Modern 3-bedroom house, unattached garage. 135 Columbia Drive, Waverly, Ohio. Contact G. K. Sleighter.

Cement Can Float?

Goodyear Atomic Employee Launches A Unique Houseboat Project

In gangster movies, a common threat by the bad guys is to give their enemies cement shoes for a short swim in the river. They might be surprised to know that Bob Callihan, Staff Engineer in D-710, of Greenup, Kentucky is using ferro cement to build a houseboat. Bob is an experienced boat builder, but this is a new adventure.

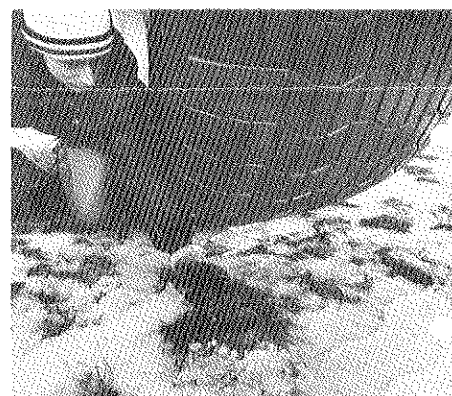
There have been other cement boats. For example, Carnegie Mellon University and the University of Pittsburgh staged a race between two cement canoes built by their engineering students. But these were small compared to Mr. Callihan's design. His boat will be round in shape, 34 feet in diameter, over 900 square feet, weigh 17,000 pounds, and accommodate up to 100 people.

The project started in October and should be finished in the spring of 1976. To launch the boat he will have to construct railroad tracks to the river since that is the only way he can get it in the water. Aside from being unique, Bob likes using cement

because he says it has the strength of steel, no rust, the beauty of fiberglass, and it will never have to be removed from the water. It will have an aluminum V-6 engine which will power a Hardin-Jacuzzi jet pack.

The inside area will be capable of sleeping eight people and have numerous windows for visibility. The boat will be only 10 feet high which will allow it to operate effectively in high winds with little resistance.

In addition to other unique features, too numerous to mention, remote control devices will allow Bob to control the ship from anyplace on board. Bob's flying saucer styled cement boat is believed to be the first of its kind. Therefore, it has received attention from national boating magazines, and the manufacturers of the basic materials used in its design plan to use the boat for advertising purposes.



Tundra Tires

A bird's nest has escaped damage after being grazed by one Goodyear's nearly 4-foot-wide Terra-Tire Tundra tires. The tread was specially designed to allow Alaskan oil pipeline vehicles to achieve maximum traction without damaging the delicate tundra. Carrying a load of over 5,000 pounds, a Tundra tire puts about half the pressure on the ground as a man's heel.

April Is Cancer Control Month. "Fight Cancer With A Check Up And A Check Today!"

Return Requested

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