

Plant Engineering
and
Maintenance

The Wingfoot Clan

Goodyear Atomic Corporation

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Technical

Purchasing & Materials

Finance Production

General
Manager

Industrial
Relations

To You
All

E.H.B.
1971

Milestones

An attitude of conservative optimism prevails throughout Goodyear Atomic and the nuclear power industry. The year revealed several significant factors that contributed to this optimism and to the imminent future of nuclear power.

This imminence seemed very realistic during 1971. Our power level was increased substantially for the first time in over a decade; our Cascade Improvement Program received additional governmental funding, and we shipped the largest amount of toll enriched product in GAT's history.

The growth of the nuclear power industry continued in 1971 with three new plants going into operation, boosting the total number of nuclear power plants operating in the U. S. to 23. These plants had a total capacity of 9,940,800 kilowatts of electricity, some 2.5 million kilowatts more than the total capacity of operating nuclear power plants in 1970.

In addition, 54 other plants were under construction during the year with 38 more being planned. Utilities ordered 17 reactors from suppliers in 1971, three more than the 1970 year-end total but short of the record 31 reactors ordered in 1967. With scheduled completion dates ranging from 1972 to 1980 the 102 plants now in various stages of planning or construction will produce a total of nearly 100 million kilowatts of "nuclear" electricity when placed in operation.

GAT experienced an outstanding year in the shipment and production of enriched uranium. Approximately \$60 million worth of separative work was shipped during the calendar year. This figure is three times greater than any year since the Toll Enrichment Program was initiated. Monthly records were established in February and August when sales of \$15 and \$21 million were recorded.

Fifty-nine separate orders were processed to 47 nuclear reactors. Thirty reactors were located in the U. S. and 17 on foreign soil.

Some of the foreign power reactors receiving GAT products are located in Belgium, France, Germany, India, Italy, Japan, Sweden, and Switzerland. The largest single shipment, valued over \$8 million, went to Cooper Nuclear Power Reactor in Brownsville, Nebraska.

In addition to the separative work sold, Goodyear Atomic continued to ship substantial quantities of U-235 to the nuclear Navy and other specialized military power reactors.

Electrical power increases to the 700 and 1000 MW levels took place in July and December. These increases were significant since it was GAT's first power build-up since the major load reductions in the early 1960's. It represented our first step in the AEC's long-range plans to meet the rising demand for enriched uranium.

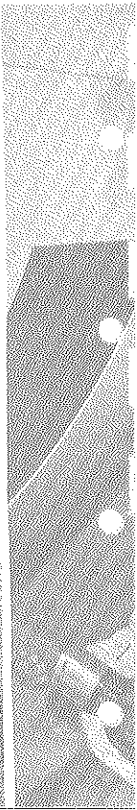
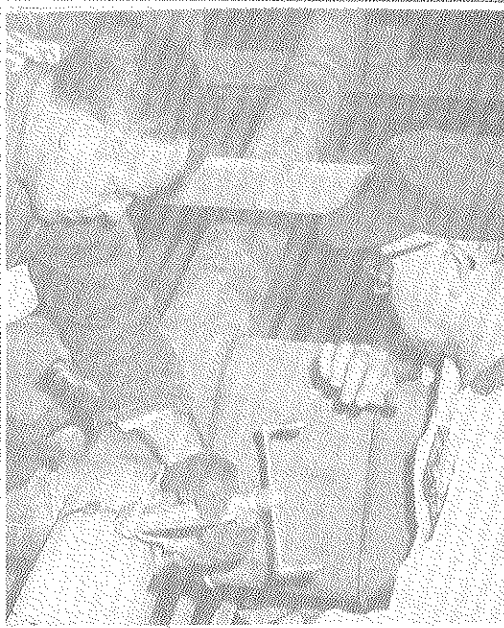
The launching of the AEC's huge three-plant CIP or Cascade Improvement Program was a major step toward meeting the projected heavy demands for nuclear fuel.

The CIP could be broadly described as a large scale "remodeling" of the plant's production facilities. The remodeling will include the latest scientific improvements and modifications in gaseous diffusion technology. When completed, the program is expected to yield a 28 percent increase in separative capacity with no increase in power or operating costs.

CIP activities picked up early in the year with the approval funds designated to initiate the program. A new group called the CIP Support Center was assigned the responsibility of spearheading the program.

Preliminary engineering and design work was completed in 1971 and construction work on plant support facilities is scheduled to begin in mid 1972.

The next few years should see considerable activity as the Cascade Improvement Program progresses. Both GAT and the AEC are anxiously looking forward to the upgrading of the plant support facilities and the eventual modification of the plant's production equipment.



Reached In '71

To many major industries, 1971 was a year filled with labor problems and declining employment. While many other industries were suffering major reductions in personnel, GAT remained relatively stable with no appreciable change in employment levels.

An exceptionally smooth year was experienced in the field of labor relations. Close cooperation between Union and Management succeeded in minimizing grievance activity and solving mutual problems.

In May, OCAW Local 3-689 and UPGWA Local 66 reached wage agreements for the final year of their three-year contracts. The agreement resulted in a 6.1 percent increase to the local unions.

Equal employment opportunity at Goodyear Atomic has seen improvement through the accomplishments of many corporate affirmative action goals and programs. Minorities and females are currently employed in all areas of the company with continuing emphasis on providing equality of opportunity. A total commitment by Goodyear Atomic to be an equal opportunity employer is evidenced in all activities affecting personnel policies and practices.

Programs have been initiated to improve the welfare of present employees while providing more opportunity in the future. Support of local, State and Federal EEO programs has established Goodyear Atomic in the forefront in meeting this social challenge.

Aggressive efforts are being made in the area of Environmental Control. These efforts were emphasized by the establishing of an Environmental Control Committee and creation of a new Human Resources and Environment Management Subdivision. Their principal responsibilities are to identify and find solutions to environmental problems. Recent major ecological accomplishments include the installation of a smokeless incinerator and an improved environmental sampling program.

Problems involving pollution have long been recognized at GAT. We stay well within prescribed State and Government limits and standards and will continue to strive toward the requirements necessary to insure our clean environment.

Nuclear industries maintain such high safety standards that they are among the safest in the world! This fact was brought out recently when the Federal Government exempted the radiation aspects of the nuclear industry from the newly enacted Occupational Safety and Health Act. The purpose of this landmark legislation was to assure safe and healthful working conditions for the nation's wage earners.

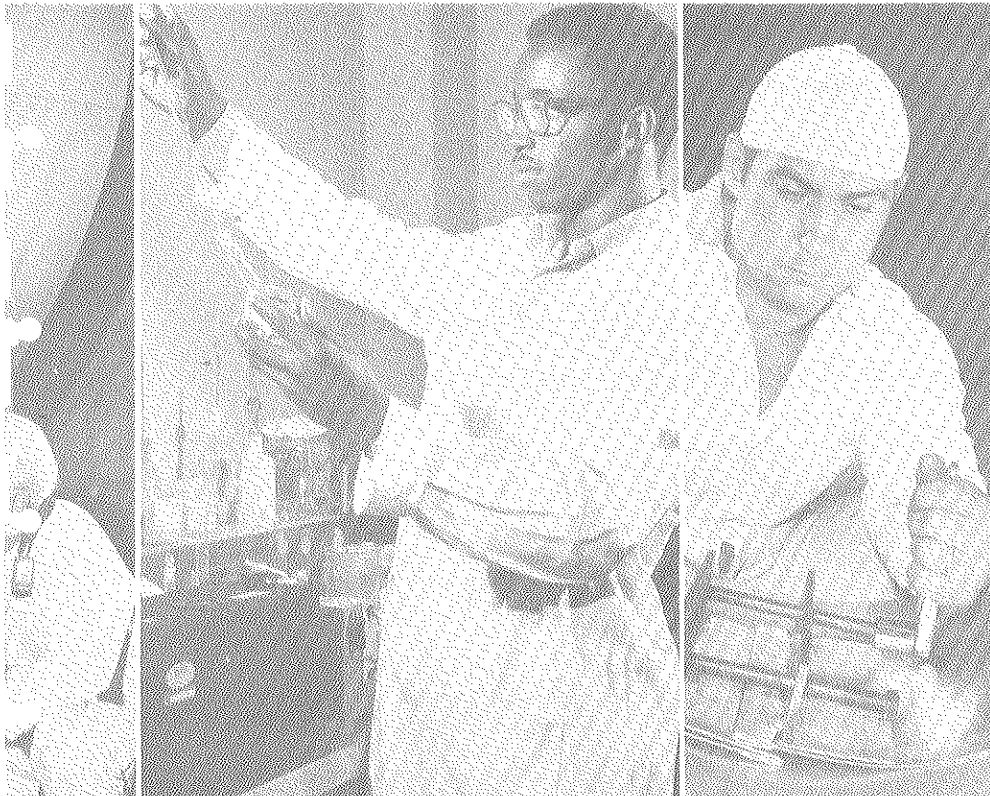
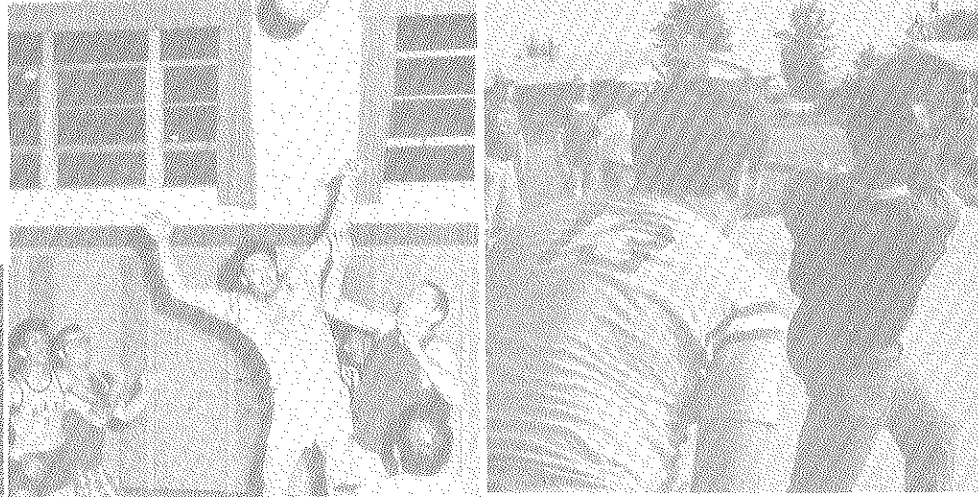
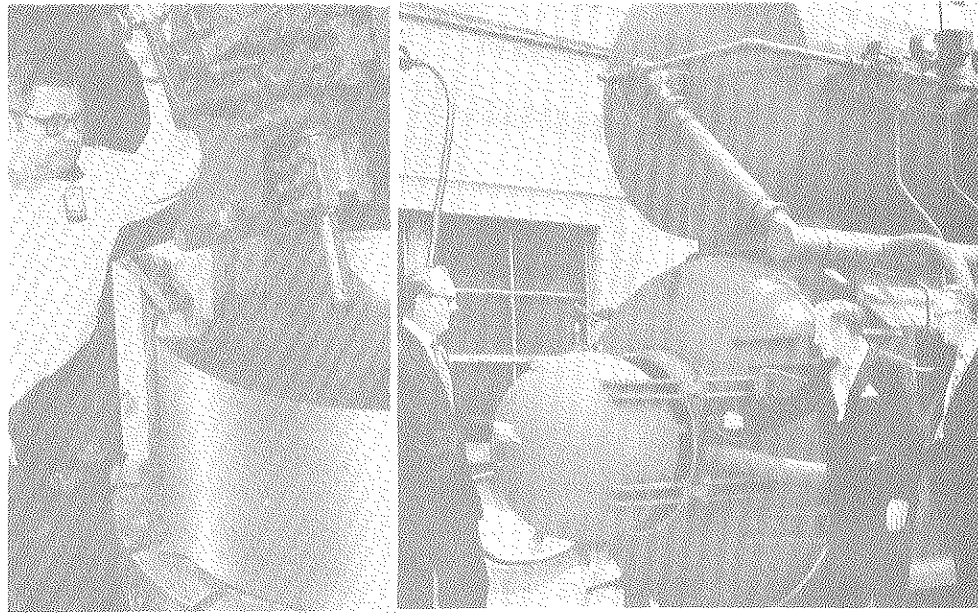
Goodyear Atomic once again revealed why it is one of the nation's safest industries. Employees worked 2,507,000 man-hours during the year while experiencing only one lost time accident. Our frequency rate of 0.40 million man-hours is far below the national average of 8.87.

One way to describe our plantwide Cost Reduction Program is "getting a dollar value for a dollar spent." Continued employee participation in our Cost Reduction Program once again insured its success.

In conjunction with the regular program, a paperwork savings survey was conducted. Results of the survey were quite substantial in both dollar savings and participation. Two hundred seventeen actions resulted in a net savings of \$97,454 for 1971, an estimated annual savings of \$168,266 in the next two years.

The Cost Reduction Program figures for fiscal year 1971 were 269 actions for a dollar savings of \$1,614,124. The savings accomplished during the year are significant, but in 1972 and 1973 the savings from these same actions will continue to accumulate in the amounts of \$828,000 and \$737,000.

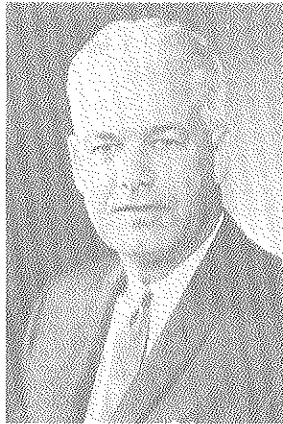
In looking back and considering the power increase, preparation for increased production and increased sales, one can understand why 1971 could well be called a year of conservative optimism toward the future.



A Christmas Message



Charles Tabor
General Manager



Russell DeYoung
Chairman of the Board



Victor Holt, Jr.
President



Charles R. Milone
*Vice President of Research
& General Products Development*

Goodyear families around the world soon will be involved in the festivities of the holiday season. It's a time when we draw fresh strength from our religious faith. It also is a period of rejoicing and hope.

As the old year ends, we can reflect with pleasure on our accomplishments. And, with the prospect of a new year, we can resolve to do an even better job.

Seldom in mankind's history have there been periods free of turmoil and misunderstanding. But, throughout the history of our nation, we have worked for a world of lasting peace and goodwill in which men can live together in friendship and brotherhood.

At this time of year, when we take stock of our many blessings, we must dedicate ourselves to continue our efforts for a better tomorrow.

May the holiday season bring you and your family good health, happiness and a full share of those things that will make this world a better place.

Merry Christmas and Happy New Year.