



The WINGFOOT CLAN

Goodyear Atomic Corporation

The Goodyear Tire & Rubber Company

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Wishes all Goodyear Atomic
 Employees a most
 Joyous Holiday
 Season

The Christmas Story According To St. Luke



AND it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed.

2 (And this taxing was first made when Cyrenius was governor of Syria.)

3 And all went to be taxed, every one into his own city.

4 And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem, (because he was of the house and lineage of David.)

5 To be taxed with Mary, his espoused wife, being great with child.

6 And so it was that, while they were there, the days were accomplished that she should be delivered.

7 And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn.

8 And there were in the same country shepherds abiding in the field, keeping watch over their flock by night.

9 And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them: and they were sore afraid.

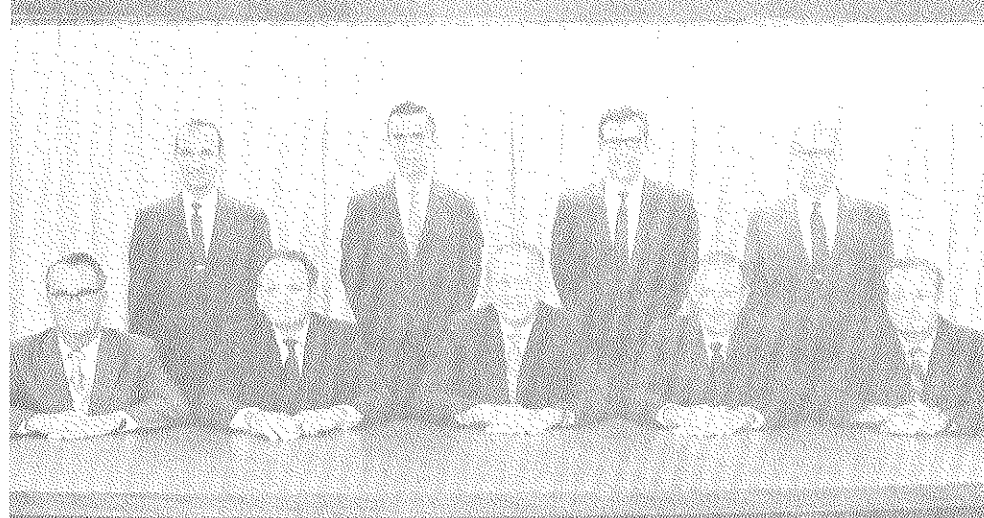
10 And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people.

11 For unto you is born this day in the city of David a Saviour, which is Christ the Lord.

12 And this shall be a sign unto you: Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

13 And suddenly there was with the angel a multitude of the heavenly host praising God, and saying,

14 Glory to God in the highest, and on earth peace, good will toward men.



1970 - Problems

The year 1970 could well be called the "Year of Transition" for not only Goodyearites but the entire nuclear energy field.

One of the most serious problems affecting the growth of the nuclear power industry is one of public understanding. Over the past few years, there has been increased public opposition to the construction of nuclear generating facilities. This lack of public confidence and understanding contributed to a decline in orders for nuclear power plants in 1968 and 1969. The trend was reversed in 1970 when Mr. Average Citizen gained a great deal of confidence and understanding about nuclear generation and began to realize the ever increasing role nuclear power expects to play in the nation's demand for energy.

In looking over 1970, it is clear that the first projected demands for enriched uranium are beginning to be realized in the nuclear energy power production field. One of the most encouraging trends of the year and a clear indication of our growth was the resurgence of orders for nuclear power plants. Orders for nuclear steam plant systems during 1970 equaled the year 1966, which was the second highest year for orders being placed.

As of October 1, 1970, there were 17 operable nuclear plants with total capacity of about 5,800,000 kilowatts. Fifty-four plants were under construction and 38 were in planning and design stages. By the end of this decade, it is expected that over 100 nuclear plants will be on the line and that nuclear power will represent 25% of the total electrical generating capacity.

The demand for electric power doubles about every 10 years, and the consumption of electricity is expected to increase six fold in the next 30 years.

This increasing demand for electricity, coupled with the fact that 1970 has certainly been the year of environmental awakening, contributed substantially to the prediction that by about 1976 GAT and the existing uranium enrichment plants will be operating at full capacity and essentially saturated by their current demand.

We are preparing for this upsurge in demand by placing high priority on our Cascade Improvement and Plant Upgrading Programs. Much effort and many dollars are required to not only prepare us for full operation but to increase our capacity.

Toll enrichment is already big business and will get much bigger in the next few years. The program is only 2 years old and has already passed the \$2 billion milestone for "enriching services".

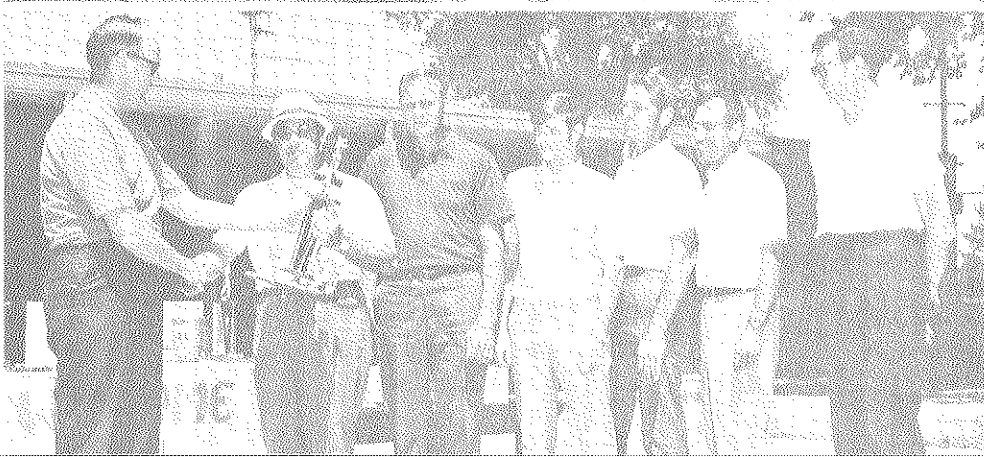
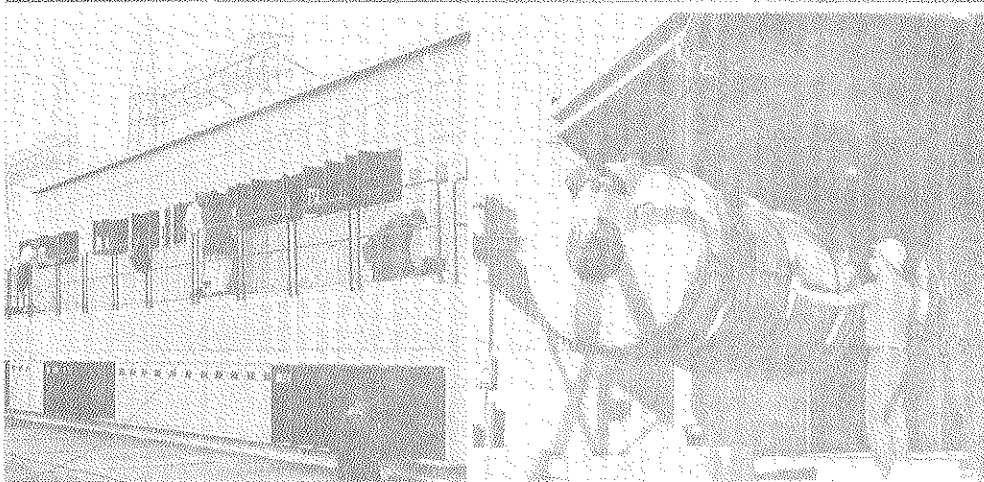
Through our toll enrichment process, nuclear customers supply their own uranium "feed material" and pay for the process through which it is enriched to the desired percentage of U-235 for use in nuclear reactors.

Since the toll enrichment program began in January, 1969, GAT has shipped more than 698,000 pounds of enriched uranium worth \$53 million to fuel fabricators for nuclear power plants. Production figures in 1970 reveal under the lease and sale program a total of 199,000 pounds of enriched uranium valued at \$90 million was shipped from the plant. Enrichment services ranging from 1.2 to 97.65 percent have been provided.

Significant shipments during 1970 included \$3.6 million of material to the Vermont Yankee Reactor, \$4.5 million to Pilgrim Reactor in Mass., and \$11.3 million to Surry 1 & 2 in Va. and Turkey Point, 1 & 4 in Fla. Major foreign shipments included material for the Germany nuclear ship Otto Hahn and the Japanese nuclear ship MUTSU.

Goodyear Atomic, along with the other uranium enriching plants helped significantly in a national emergency by voluntarily reducing their power demand 600,000 kw during the summer months. The electricity was transmitted to the east coast to help relieve their critical power shortage. The 150,000 kw we contributed was a temporary reduction and did not affect our current production commitments for enriching services.

Gratifying results were achieved in the company's affirmative action program through the cooperation and assistance of all employees. Barriers to meeting corporate objectives and obligations are rapidly diminishing as management and employees throughout the plant team together to attack this social challenge. Goodyear Atomic has attained the status of being a company that is sincerely dedicated to providing equal employment opportunity.



and Progress

Employment and Labor Relations saw little change during the year. In the field of Labor Relations, we experienced close cooperation and harmony between the company and both bargaining unions.

A close look at our operation makes one realize the many areas and complexities required to operate the huge plant. For example, problems involving pollution have long been recognized. We maintain modern well-equipped facilities for removal of air and water pollutants. These facilities are constantly being modernized and new equipment installed for even better environmental control. Continuous monitoring of the plant environment is maintained to check for possible airborne and water pollutants.

We at Goodyear Atomic are doing our part toward a cleaner environment by maintaining constant vigilance and by fulfilling all Federal and state pollution control regulations.

GAT employees again scored high in the field of cost reduction. During calendar year 1970, 137 ideas were submitted for reducing costs and/or improving efficiency. The benefits derived from cost saving actions will save approximately one and one-half million dollars, which in many instances will continue into the future. One of the additional benefits the Cost Reduction Program has realized from the employees' efforts is the exchange of ideas with the Atomic Energy Commission and their operating contractors. Our Cost Reduction Program received further improvement during the year by the training of forty employees in the field of Value Engineering.

Several personnel changes in top management occurred October 1, as a result of the retirement of G. H. Reynolds. Charles D. Tabor took the reins as the plant's general manager; Nathan Hurt, manager of engineering and maintenance assumed the deputy general manager's role and Roy Brown moved up as technical division manager.

October also saw Henry McComb named as GAT's management representative on the Capacity Expansion Management team in Oak Ridge; John Brackey was named as acting superintendent of plant engineering and (Irv) Smith promoted to plant shift superintendent.

Other significant personnel moves during the year included the moving of Maurice Zigler to head the newly created Management Control Sub-division and promotion of Charles Ray to replace Zigler as Superintendent of Materials Service.

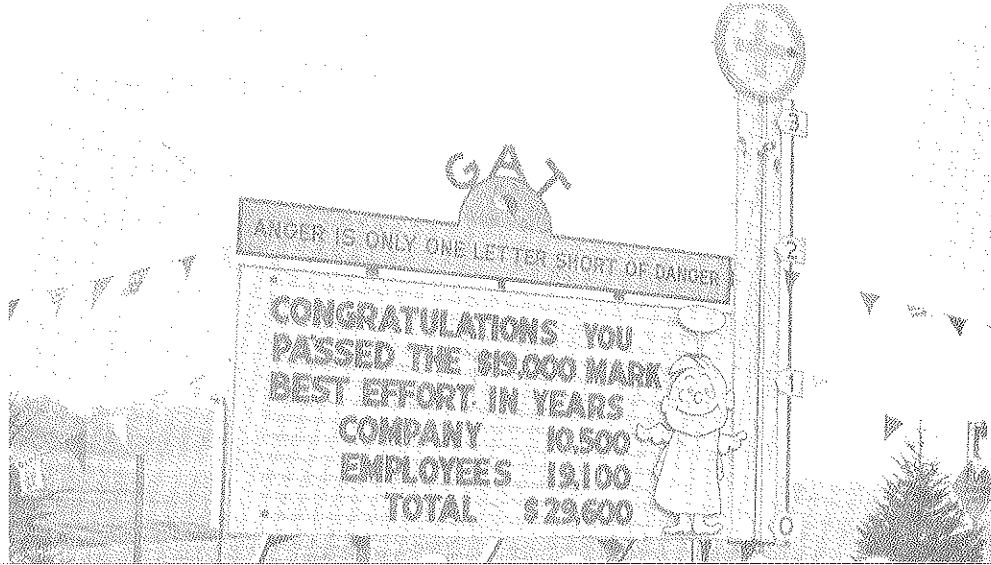
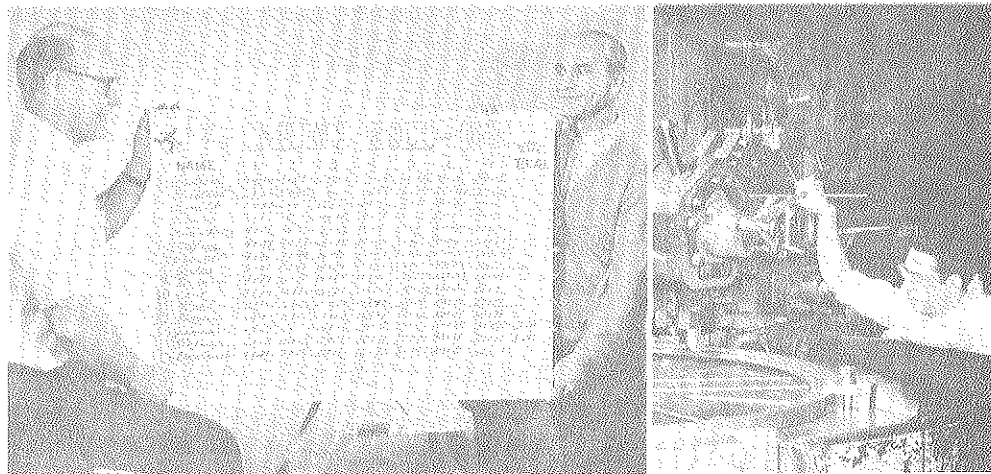
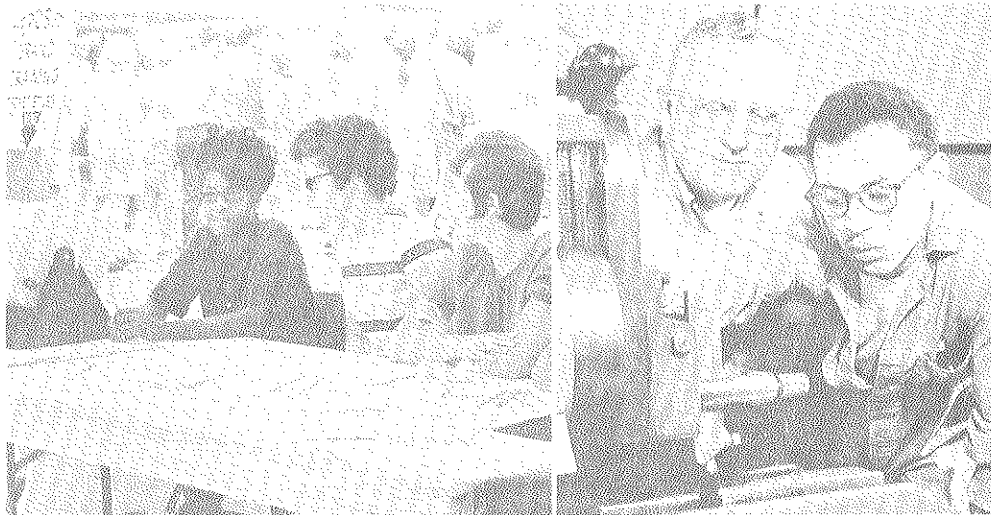
We at Goodyear Atomic have proudly identified ourselves as one of the nation's safest industrial plants. Our reputation was upheld when we successfully reached three million man-hours worked without a loss time accident. This is the sixth time we have reached the three million man-hour plateau.

A great deal of attention is directed toward employee relations activities, particularly in those programs relating to self-improvement. For example: 8 employees received in excess of \$20,000 in financial aid through the company's Educational Assistance Program; and 32 are currently employed in our nationally recognized Crafts Apprentice Training Program. In-Plant Training, Pre-Supervisory Training and other training programs offered an additional fifty employees an opportunity to better quality themselves for promotion or additional responsibilities.

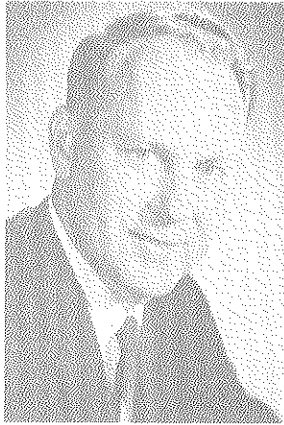
GAT's first apprentice graduating class, composed of seven employees, completed its training as part of the company's Draftsman Apprentice Program.

Active youth and student educational programs are maintained at GAT. Twenty-four local students were employed during the summer as part of the National Youth Opportunity Program. Other advantages being offered young adults include Administrative and Technical Squadrons for newly hired college graduates and a Cooperative Educational Program which is affiliated with ten colleges and universities throughout the country.

Goodyear world-wide encourages its employees to take an active part in local community activities. A majority of the employees have become an intricate part of community life and for many years have made valuable contributions to its improvement. Concern for the less fortunate was once again displayed by Goodyearites in their annual All-In-One (United Fund) Campaign. Employee-company contributions, amounting to \$30,244, reflected an increase of 7.6% over last year. This was the highest total in 10 years and was 4% of the campaign goals of our four neighboring counties.



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*

The year 1970 was a year to forget.

There was continued war in Southeast Asia, turmoil in the Middle East, civil and campus unrest at home. It also was a year in which the economy was unsettled.

But troubled times seem to intensify mankind's quest for a world free of conflict and violence and a life of happiness and prosperity. A spirit that refuses to yield to strife will one day bring that long-sought peace and understanding.

As this Christmas season approaches, it is a time to be grateful for our blessings and rewards. It also is a time to renew our effort to make more meaningful the words that have come to us through the ages: Peace on Earth, Goodwill Toward Men.

In this season let us resolve to keep alive the spirit of fellowship that makes our associations more enduring, our work more satisfying, and our achievements more lasting.

To each of you and your families, we wish you a Merry Christmas and a Happy New Year.