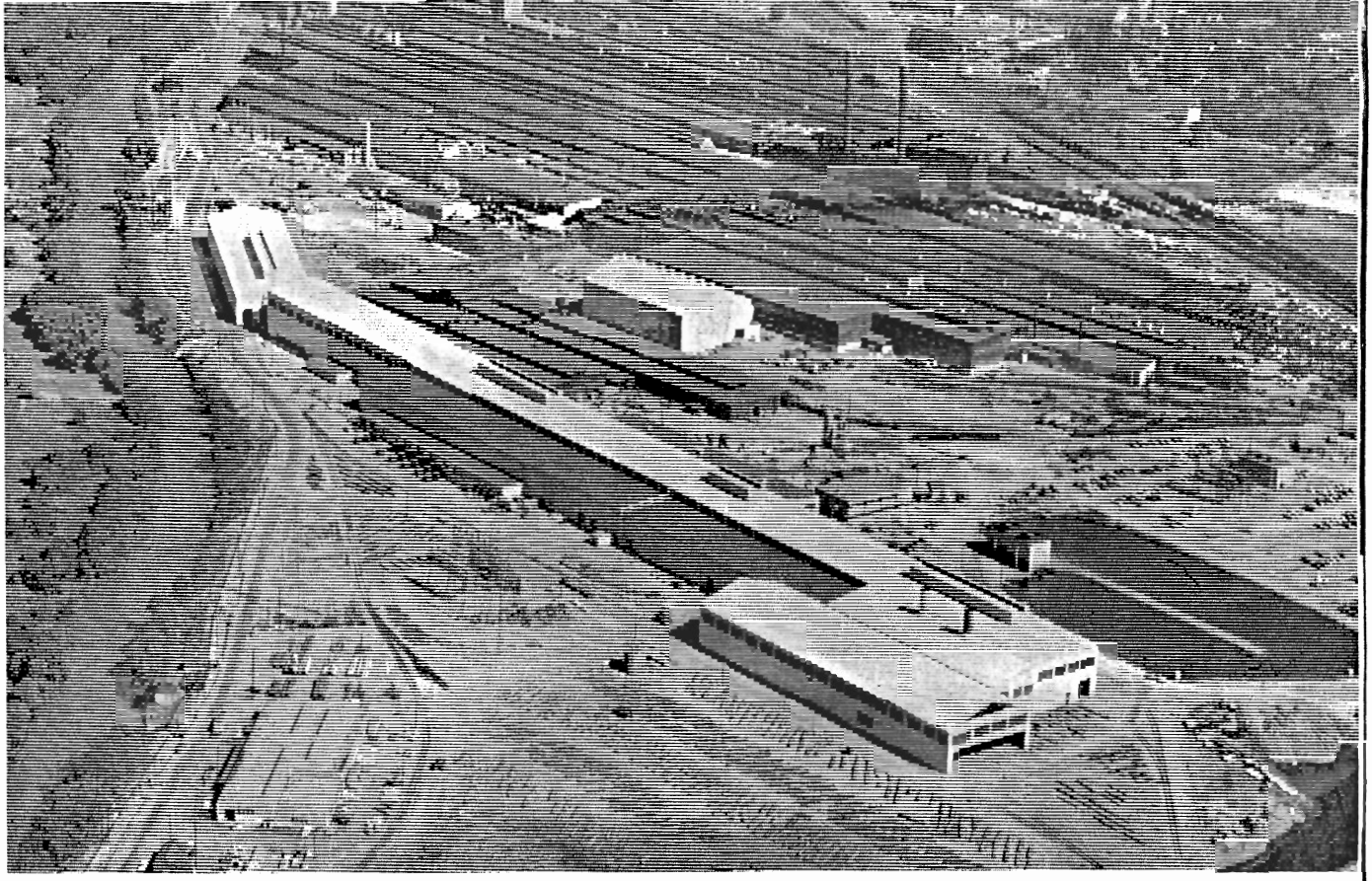
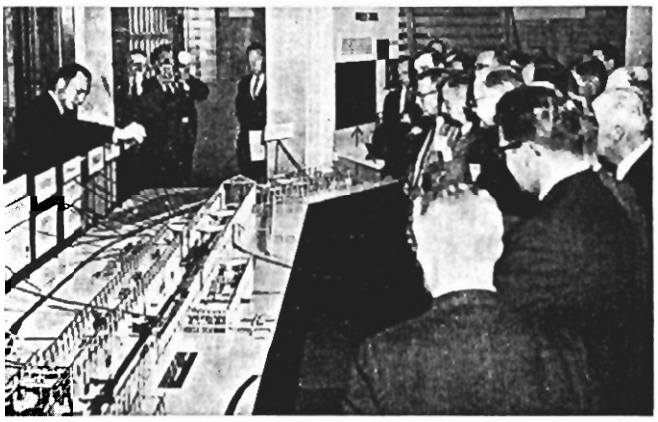
REPUBLIC REPORT (DEC 1961)



Aerial view of Warren District shows buildings housing new $55-million hot strip mill (in foreground) which rolls carbon, alloy, silicon or stainless steel sheets in coils. High powered to process steels for the space age, the mill also has many automatic control features.

EDITOR'S NOTE: If the above illustration resembles pictures on your T-V screen it is because the engraved cut was made by using a horizontal line screen rather than the customary half-tone dot screen. Like it?



A model layout of the new strip mill, prepared by industrial engineers for planning purposes, is used to display key features of the facility to newsmen who later were to see the mill in action. R. A. Kraus, superintendent of construction, Warren, makes the presentation.

MILLMAN'S MILL

10,000 visitors came, saw, and marveled at Republic's Warren District facility

Newsmen attended a press conference at the district office. Reporters are pictured here looking over press kit materials. Republic executives from the general office and the district were on hand to answer questions.

Guests including customers, local civic leaders and banking and investment representatives arrived at the city's Packard Music Hall, parked their cars, picked up name badges and then boarded chartered buses to the plant. Following the tour, they returned to the hall to view various company displays and to have lunch.

REPUBLIC'S "one-million-dollar-an-inch" hot strip mill recently started operating at Warren District. An invitation to witness the important event was enthusiastically accepted by more than 10,000 people who came in groups to see and marvel at the "show" put on by the big $55 million, 56-inch prize performer.

Business and industrial writers came from New York, Chicago, Pittsburgh, and Cleveland as guests of the company at a special press preview on the first day. Many local writers also attended.

The following day, some 600 customers, local civic leaders, and banking and investment representatives were on hand to hear T. F. Patton, Republic's president, give a keynote luncheon address following a tour of the mill.

Employees and their families were present on the third day, while an open house for the general public on the fourth day concluded the event. Soft drinks in "tin" cans, ice cream, cookies, coffee and souvenir booklets were provided on these two days.

Described as a "new mill for a new era," the facility is capable of producing 50,000-pound coils of flat rolled sheet steel at half-a-mile-a-minute speeds. It is designed to meet anticipated future requirements of customers as well as their present-day needs.

Carbon, silicon, alloy and stainless steels are rolled on the mill which has a monthly capacity of 140,000 tons. Provisions have been made for later installation of a third slab heating furnace which will increase capacity to 210,000 tons per month.

Because the new mill, replacing the now-dismantled 42-inch hot strip mill, uses the latest systems for automatic controls, Mr. Patton noted that a natural question is raised: Can we modernize without creating havoc among our work force?

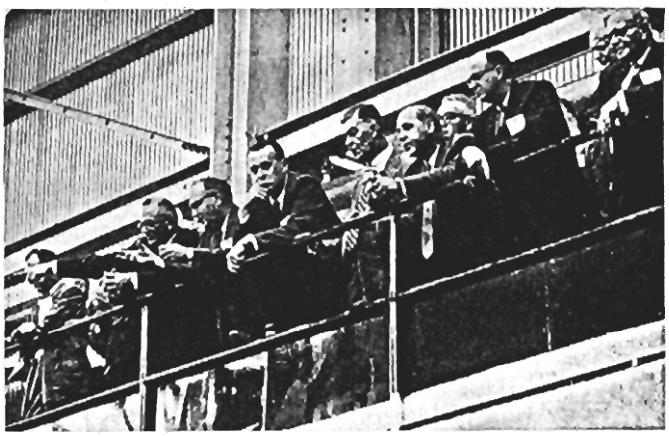
"Continued operation of the 42-inch mill would have gradually weakened the company's

(Continued on page 8)

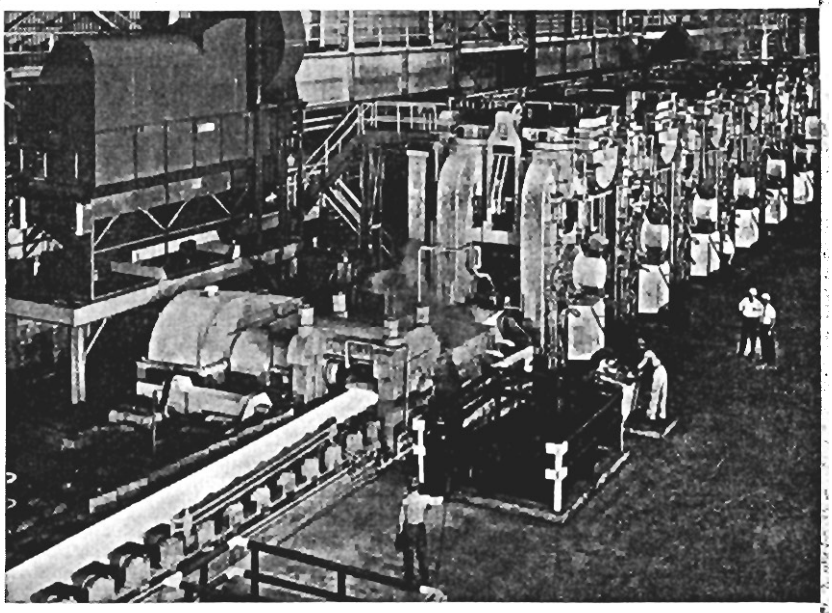
"A PLAYER'S PLAYER"

When a baseball player performs better at bat, with the glove, at making plays and does a better all around job than most of his competitors, he is termed, "a player's player."

Republic's new 56-inch hot mill at Warren District is in the class of the exceptional ball player. Any job similar mills are intended to do this can do better. The customer, the company and the employees benefit from this kind of performance.

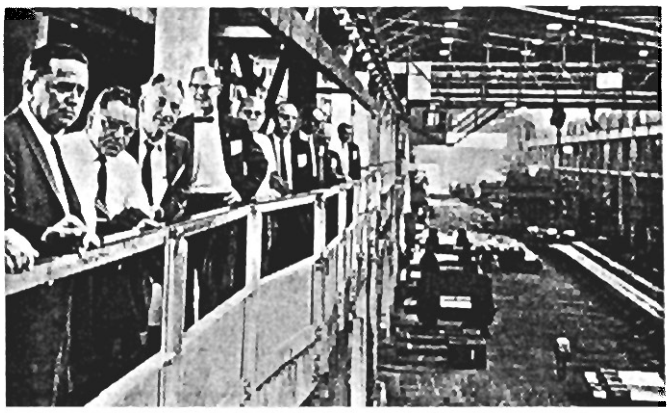


One group of "Customer Day" guests are shown on catwalk overlooking new strip mill. The walkway extends virtually the entire length of the new facility and offers an excellent vantage point to view the mill in operation.



This is the view afforded group in preceding picture. Sheet steel, almost white hot, is shown entering a series of six finishing mill stands. In these stands, the steel is automatically rolled to the customer's specified thickness and then run out on a 393-foot-long cooling table prior to being coiled at the end of the mill. Note size of mill.

Another group of "Customer Day" guests on catwalk watches operations just beyond roughing stand of new mill. Note huge rolls on mill floor. Upon leaving roughing stands, steel goes through the finishing stands.



At the end of the dedication luncheon, secretaries from the district and the general office distributed free copies of Warren's local newspaper to guests. Shown is June Kuchta, Warren District Sales Office.

relative ability to serve customers and without the new mill, the continued employment of a large number of our Warren employees stood in dire jeopardy," he said.

Mr. Patton added, "bluntly speaking, the new mill saved jobs."

He also predicted that sustained production from the new mill at a high operating rate would require increased employment throughout much of the Warren plant.

"Men working in the new mill have more stimulating tasks and many have advanced to jobs of higher responsibility," he emphasized.

Some "Vital" Statistics

A total of 90,200 horsepower is required to operate all mill equipment. This represents enough electrical energy to provide the power needs of a residential city of more than 75,000 homes.

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The mill's complex electrical network required 1,760 miles of wire and 138 miles of electrical conduit.

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Over 50 million gallons of water are required to meet daily needs for mill cooling and other service uses. This represents enough water to meet the average daily consumption of a city of 500,000 people.

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Total area under roof is 331,000 square feet, equivalent to six regulation-size football fields.

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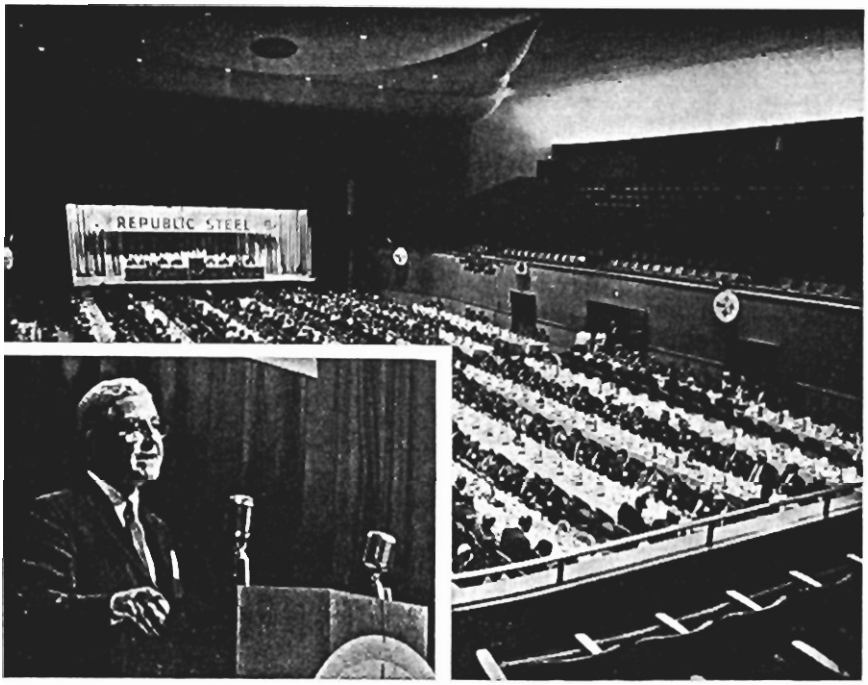
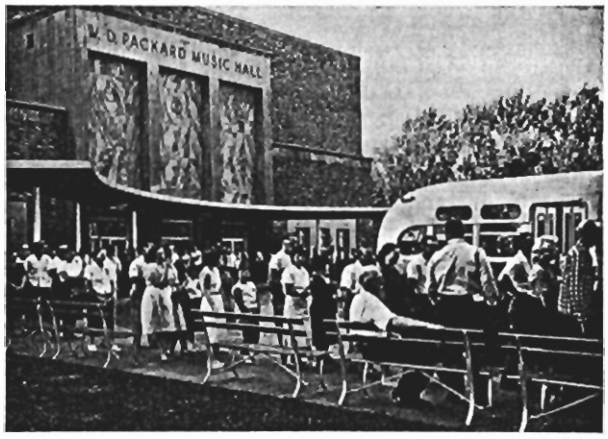
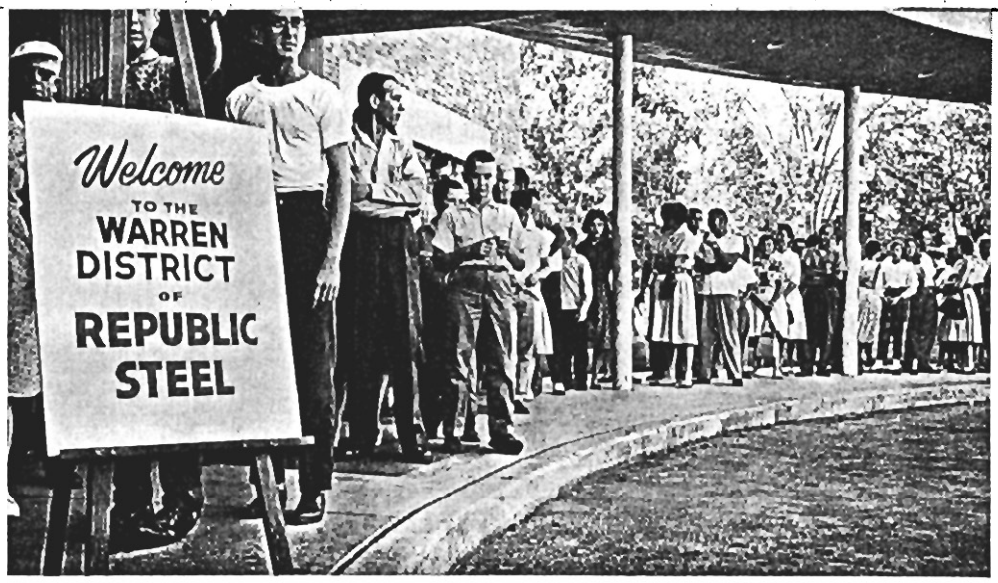
Republic products used in construction included: pipe, conduit, reinforcing rods, corrugated roofing and siding, open truss joists, insulated siding, Ferrobord roof deck, steel windows and doors.



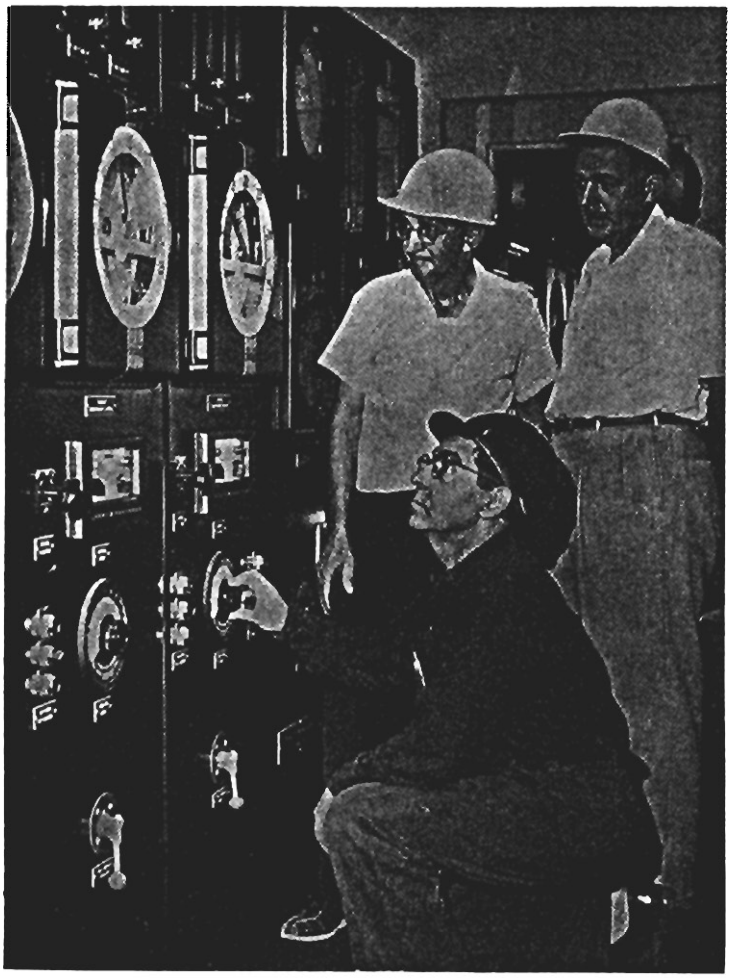
Over-all view of dedication luncheon at Packard Music Hall attended by more than 600 guests looking toward stage and speakers' table. T. F. Patton, Republic's president (inset), gave the principal address at the dedication luncheon. Other company speakers included C. M. White, honorary chairman; Norman W. Foy, vice president in charge of sales, R. F. Armitage, Warren district manager.



Employees and members of their families board buses at Music Hall to tour the new mill. Following tour, they returned to the hall to see displays and enjoy refreshments.

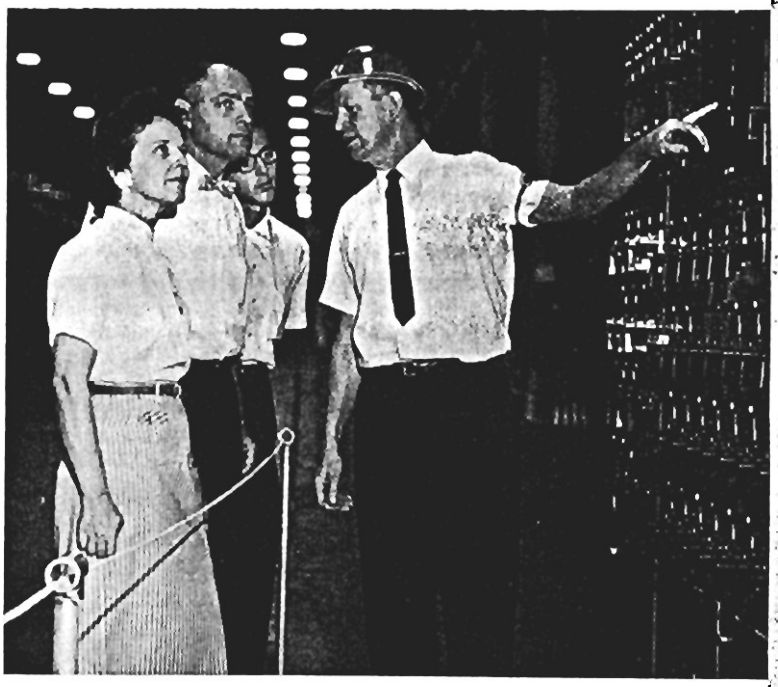


Employees and members of their families wait in front of Packard Music Hall to board chartered buses which carried them round trip to steel plant to see the new strip mill.



Watching Joe Alvard, kneeling, as he checks instrument readings in the heating furnace pulpit are James P. Fuller, a retired Republic employee, with his son Emory, who is employed at the district's Niles tin mill.

Watching operations from heating furnace walkway are Alex Pete, Jr., foreman in the Hot Strip Finishing Department with his wife, Alice, and daughter, Brenda.



Explaining a phase of the vast electrical setup in motor room to Theodore P. West, a roll grinder, is guide Ray Platt, foreman at the new mill. Shown looking on are West's wife, Helen, and son, Ronnie.