PLAINTIFF'S EXHIBIT

WH-1040

THE DENVER POST:
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PSC Lifts Generator Thirty Feet

Lifting a 112-ton electric generator thirty feet straight up as a single chunk—said to be the biggest strongarm feat of its kind in the Denver area to date—was pulled off without a hitch Thursday afternoon in the new Arapahoe steam-electric plant of the Public Service Company of Colorado at 2601 South River drive.

The 40,000-kilowatt generator, outwardly resembling a giant steel barrel twenty feet long and eleven feet in diameter, was cradled in a great sling of braided steel cables. It was hoisted from the flat car on which it had traveled from East Pittsburgh to Denver and lowered gently into permanent position on the floor of the vast generator room of the $23-million powerhouse.

It is the second of three such generators to be installed there.

PIECEMEAL BEFORE.

In the past such heavy machines have been shipped and moved into position piecemeal. Several parts were handled separately and assembled on the job. But this Westinghouse machine—capable of producing enough electricity to serve all the homes in a city the size of Pueblo, Colo.—arrived already assembled, thereby saving at least a week of costly labor on the floor here.

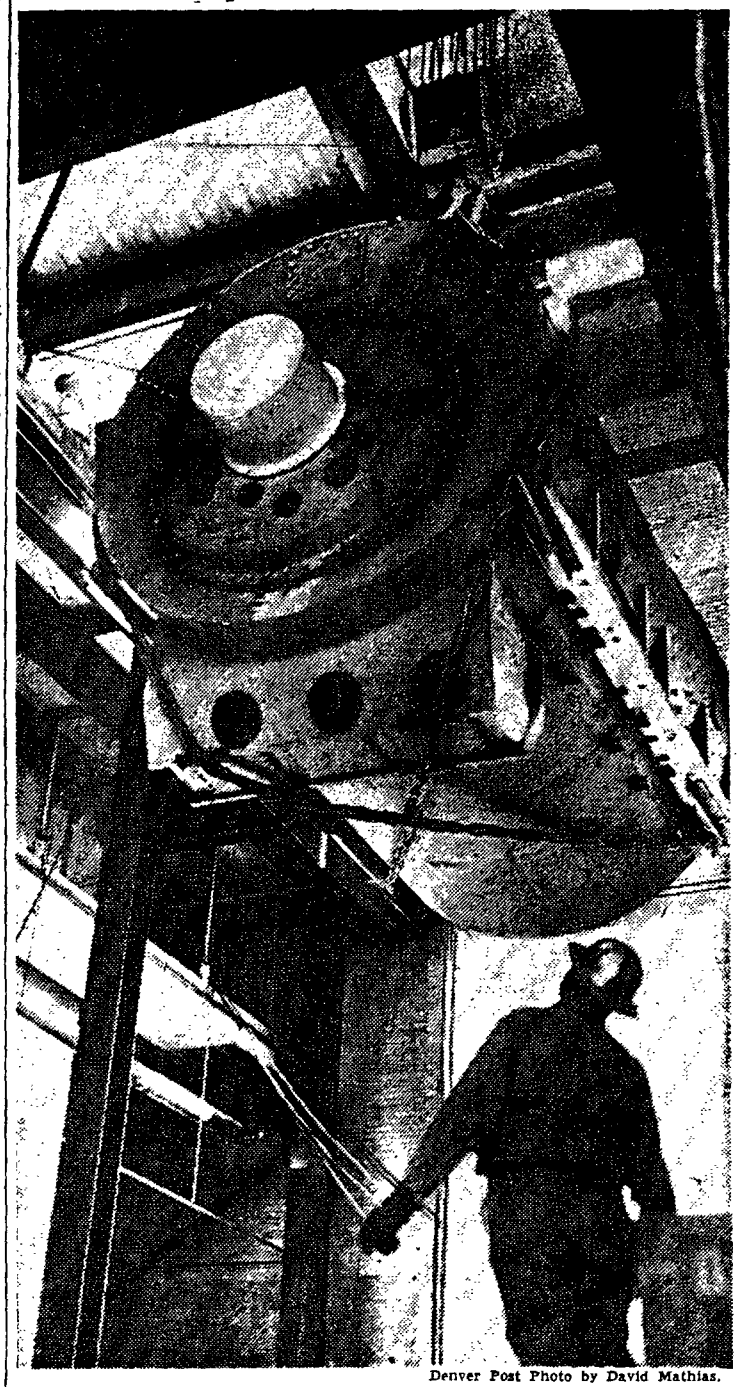
It came sealed air-tight and specially braced to protect the bearings and precision-balanced rotor.

At 2:30 p. m. Thursday the huge drum, weighing 240,000 pounds, was raised by the regular traveling crane permanently installed in the generator room.

Two braided lengths of steel rope, each formed of six strands of ⅞-inch cable, were crossed under the cylinder by L. C. McFadden of Denver, rigger foreman on the Arapahoe plant job, and his crew. Ed Resner of Denver was at the controls of the crane.

Slated to arrive from the South Philadelphia works of the Westinghouse corporation sometime next month is the 60,000-horsepower steam turbine which will turn the generator. That machine, while it will weigh more than 150 tons, will come in several parts.

Steady as You Go, Men!



Denver Post Photo by David Mathias.

A workman watches anxiously as a giant crane lifts a 112-ton electric generator into place in the new Arapahoe steam-electric plant of the Public Service Company of Colorado, 2601 South River drive. Raising the bulky machine thirty feet straight up is said to be the biggest lifting job in the Denver area.