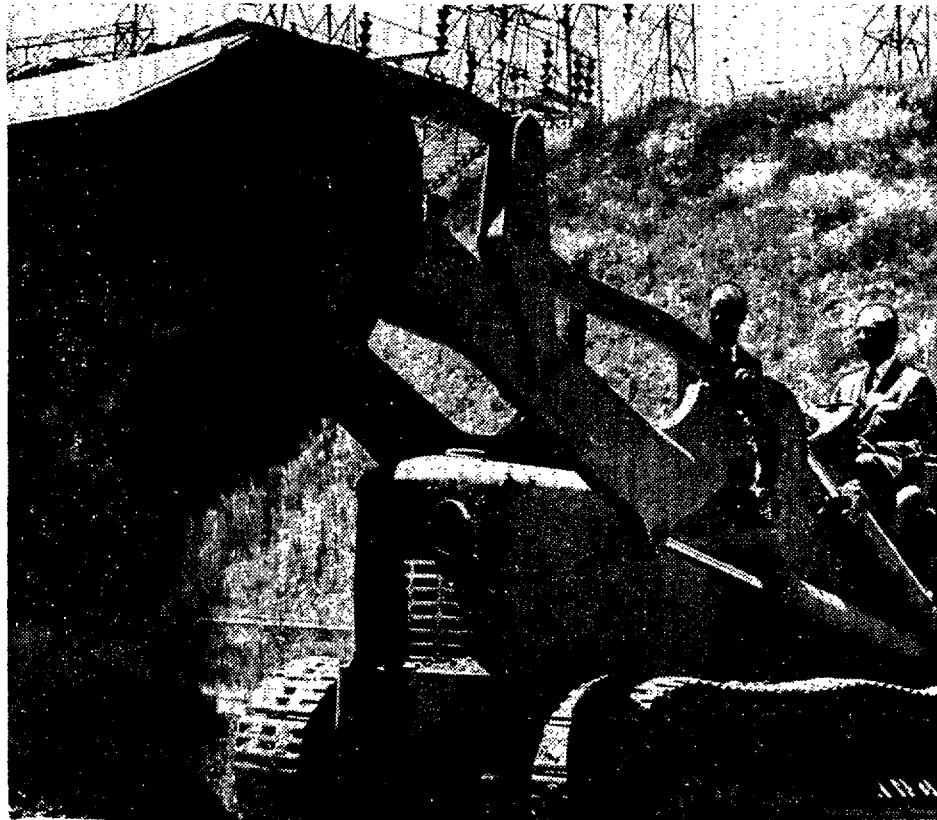




Real Groundbreaking Rites

There was nothing slight about the groundbreaking for a \$24.5 million addition to the Public Service Co.'s Cherokee steam electric generating station, E. 62d ave. and Franklin st. The heart of the new construction, a huge steam-powered

turbine-generator, will have enough generating capacity to serve average electrical needs of a community of 300,000. That's Gov. McNichols at the controls of the shovel with Robert T. Person, PSC president, smiling approval at left.

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\$24.5 MILLION GENERATOR

Work Begins on New PSC Unit

Ground was broken Monday for a \$24.5 million addition to the Public Service Co.'s Cherokee steam electric generating station at E. 62nd Ave. and Franklin St., Adams County.

Taking part in the ceremonies were Gov. Steve McNichols and Robert T. Person, Public Service Co., president.

Upon completion in mid-1962, the new steam-powered turbine generator will have a generating capacity of 150,000 kilowatts—enough electricity to serve the average needs of a city of 300,000.

The two steam-generating

units now in service at the station can put out a total of 210,000 kilowatts.

At peak operation, the boiler in the new unit will burn almost 63 tons of coal an hour. Coal will be carried into the unit on a 3,300-foot conveyor belt, part of which is underground.

A mechanical ash collector will guard against air pollution, Person said.

The boiler which supplies steam to the turbine weighs more than seven million pounds, reportedly the biggest of its kind in the region.

Ultimate goal for the station is six generating units with a total capacity of nearly one million kilowatts, Person said.

The Cherokee station, which began operation in August, 1957, is the newest of the company's 15 generating plants.