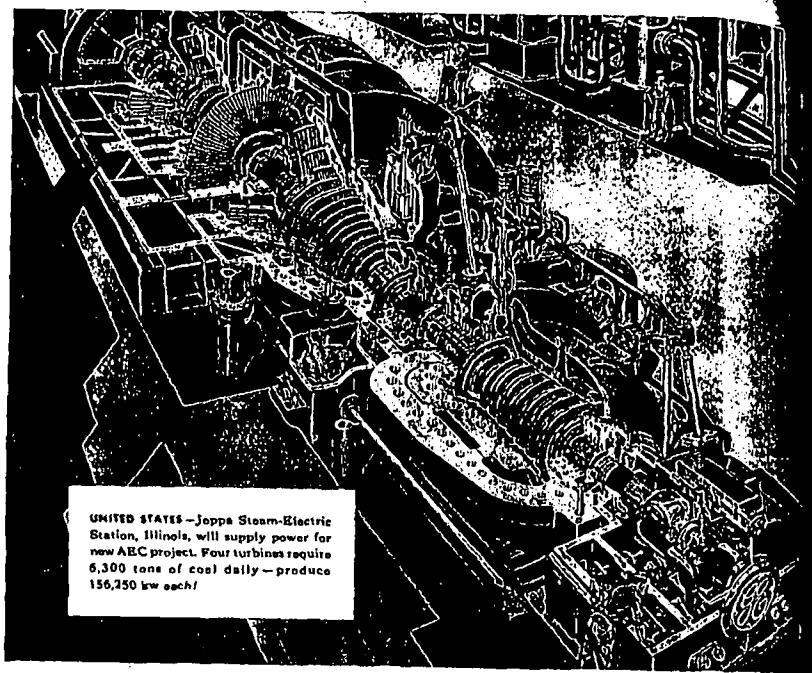
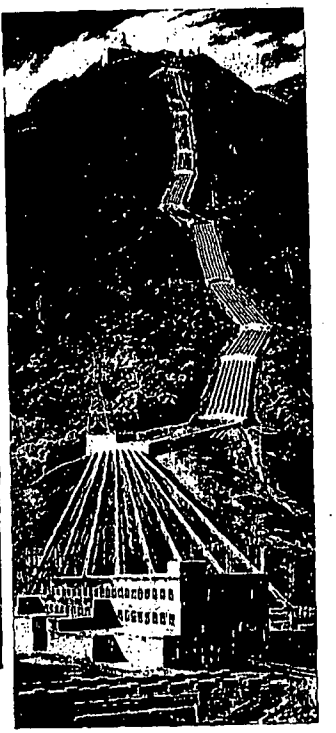


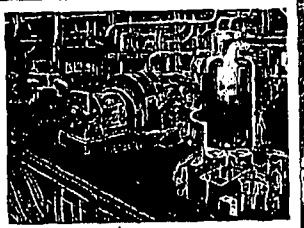
UNITED STATES—Joppa Steam-Electric Station, Illinois, will supply power for new AEC project. Four turbines require 6,300 tons of coal daily—produce 156,250 kw *each!*



AUSTRIA—Tauern Power Plant, Kaprun, utilizes waters of melting glaciers to run its turbines—will generate 316,000 kw when finished!

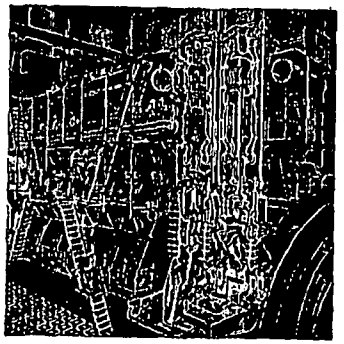
BRAZIL—Cubatao power plant, São Paulo, uses river waters—backed up to edge of high plateau and channeled down through mile-long penstocks—to run 8 turbines. Capacity—474,000 kw.





UNITED STATES—World's first mercury unit—power plant ...ains two 7,500-kw mercury ...bines with a 25,000-kw ...m turbine. Steam, generated with mercury vapor, ...condensed for re-use, runs ...am turbine.

SEVEN WONDERS OF THE POWER WORLD



DENMARK—World's biggest diesel, in Copenhagen, is 38 feet high, 80 feet long with generator and exciter. Eight giant cylinders (33" bore, 58" stroke) can deliver 22,500 hp.—produce 15,000 kw!

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On these pages are pictured seven of the world's most spectacular electric generating plants—truly seven "wonders" of the power world!

Each is unique—a triumph of engineering science...each contains some of the costliest power machinery. That's why Socony-Vacuum was asked to set up a program of Correct Lubrication for each plant.

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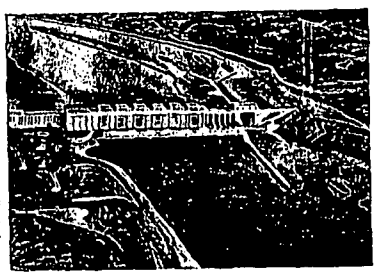
SWEDEN—Harspranget Station in Arctic, country's biggest, produces 450,000 kw. Water drops 331 feet down vertical shafts to turn underground turbines!



FRANCE—Donsere-Mondragon Power Plant on the Rhone, largest hydro-plant in Western Europe. Six 70,000-hp turbines produce 2,000,000,000 kw hr. annually...an unusual achievement considering the small head, or drop, in the river.

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