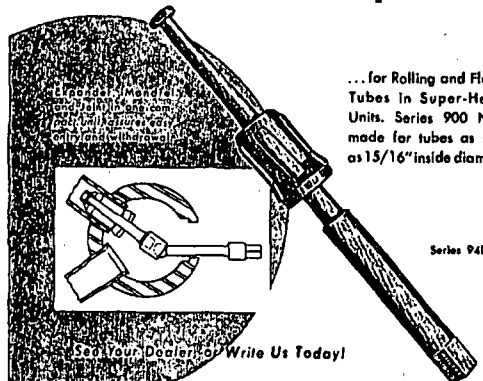




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More POWER NEWS

long indicated the presence of underground thermal activity. Early exploratory holes, deep to 300 ft, have delivered up to 8000 lb of 94% dry steam per hour. The plan is to bore to a depth of 5000 ft, necessary, despite high pressures, may be encountered. Engineers expect that temperatures near the boiling will occur at 100 to 200-ft depths. They expect to encounter steam pressures of over 200 psi and temperatures of 400 F as drilling progresses.

The immediate plan is to bring steam to the surface in quantities sufficient to operate turbo-generators for the production of electrical power. But the acc-in-the-hole that may bring prosperity to the British Commonwealth is the possibility that the steam may also be useful in the production of heavy water for use as moderator-coolant in atomic reactors. If estimates of the quantity that can be produced prove accurate and the venture is successful, New Zealand should have a supply of heavy water sufficient to facilitate the ultimate use of low-cost atomic energy.

Westinghouse Previews

All-Aluminum Control Center

FIFTY-FIVE REPRESENTATIVES of Pittsburgh industry recently attended a preview of the first all-aluminum control center—65% lighter than its steel and copper counterpart.

Westinghouse Electric Corp developed this new center in response to requests from various industries, especially those in which cleanliness is paramount, such as food-producing, and those in which corrosive atmospheres are a problem, such as the chemical industries.

Built by the company's manufacturing and repair plant at Los Angeles, this aluminum control center was brought to Pittsburgh for examination by representatives from widely varied industries.

In addition to the good characteristics gained through the use of aluminum, the design of the center incorporates features that have made conventional units so popular: economical use of space, economy of installation, reduction of work hazards and efficient control supervision.

Power Behind the Curtain...

Russia has announced large increases in power equipment output during the first six months of 1953, as compared with the same period last year. *Izvestia*, official government newspaper, reported production hikes of 30% in steam tur-

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