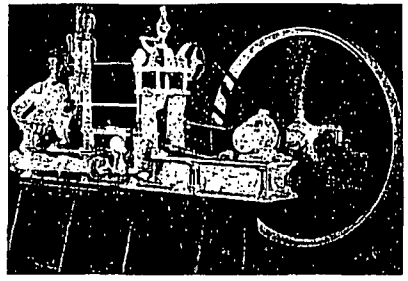
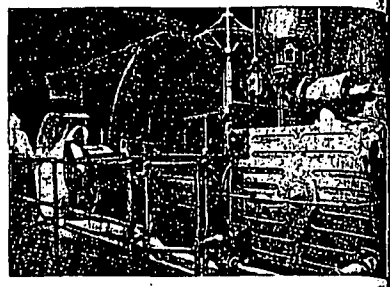
READER SERVICE SECTION

POWER NEWS
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Frick Co Begins Second Century

Special publication issued by Frick Co, Waynesboro, Pa, to celebrate its Centennial of business features some 200 photographs, drawings and documents of direct connection to that firm's existence over the past one hundred years. High among the interest items are the photographic record of the steam engine and compression refrigeration system developments. Photo, above, left, is a steam engine built in 1[8]... and now housed at the Ford Museum, Dearborn, Mich.... has a cylinder of 6 in. bore, a 13 in. stroke, and a rating... 10 hp running at speeds of 75 to 90 rpm. The second pho... right, pictures a Corliss engine built around 1891. It... a 22 in. bore, a 4 ft stroke, and is still in daily operati...

Hydro Power Offers World Wide Promise

McGraw-Hill World News—Most of the world is badly in need of power development and every effort is being made to tap all possible sources. One of the most immediate to all areas of the world are hydro power.

Japan, for example, has recently set up a semi-governmental Electrical Power Sources Development Corp and under its sponsorship it plans to construct dams and power stations on seven large rivers.

Sakuma Dam is to be built on Tenryu River in Shizuoka prefecture, Mihoro Dam on Shokawa River in Gifu prefecture, Okutadami Dam on Tadami River in Fukushima prefecture, Nukabira and three other dams on Tokachi River in Hokkaido, Kamishiiba Dam on Mimikawa River in Miyazaki prefecture on the island of Kyushu, Igawa and Okuizumi Dams on Oi River in Shizuoka prefecture and Sudagai and Yagisawa Dams on Tone River in the north of Tokyo. In the place of Okutadami Dam project, there is an alternative plan of three Yunotani Dams on the same river but in the neighboring prefecture of Niigata. Competition between the two plans is now a complicated political issue involving local interests in each prefecture. Whereas the Okutadami plan will cost $59,000,000, the Yunotani plan will need $106,000,000. Of these plans, works were already started on Kamishiiba in 1950 and on Igawa and Okuizumi in 1952.

The State of Sau Paulo in Brazil, as a second example, expects to enjoy the electric power produced from a project just approved by the Joint Brazil-U. S. Commission for Economic Development.

Two new generators will go into the Catunduba Power Co central plant at Avanhandava on the right bank of the Tiete River. The new generators will boost capacity to a total of 13,800 kw.

The rapidly expanding domestic, urban and industrial power requirement of the Greater Lima, Peru, area is increasing at the rate of 9% per year. In comparison with most large cities which increase at the rate of 7%. To keep pace with this trend the local utility company, Empresas Electricas Asociadas added early this year 60,000 H. P. of hydroelectric power to its system by the inauguration of the Juan Carosio-Moyopampa plant in the Andes Mountai...

The new "Juan Carosio-Moyopamp... plant is part of an integrated syst... designed to develop the maximum h... droelectric capacity of the Santa Eul... and Rimac River drainage basins, in t... central Andes east of Lima.

Special Water Board Formed

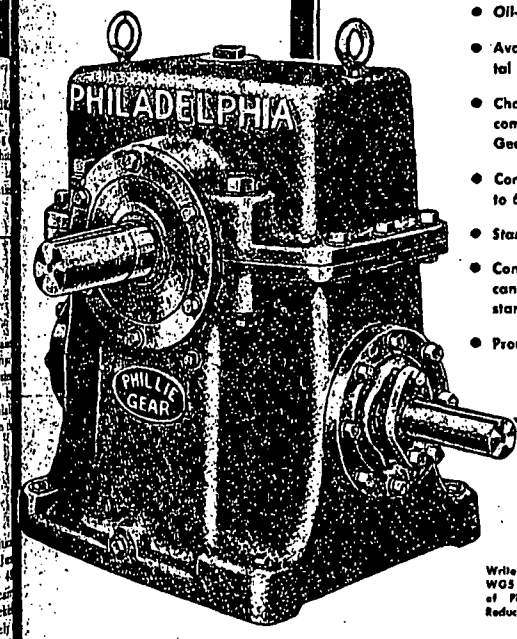
Prominent members of both politi... parties as recently as this past Ju... backed the passage of Public Law 4... authorizing the Dept of Interior to ca... out research in saline and brackis... water purification. There is scarcely... State that would not benefit from d... velopment of an economic process f... reclaiming this class of water.

In one of the last acts of the old A... ministration the then Secretary of t... terior, Oscar L Chapman, announc... the appointment of an advisory wa... study board staffed by nine outstand... leaders in various fields of science, ed... cation, Industry. These men are to ...

(Continued on page 203)

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