

the Cerro de Pasco hydroelectric plant will be infinitely more economical than the petroleum fuel used heretofore.

A \$1-million subsidiary of Brown Boveri and Co of Switzerland, Brown Boveri del Peru S A, was recently inaugurated between Lima and Callao, for the local manufacture of power and instrument transformers, switchgear, cable terminals, control and distribution switchboards.

**Thailand:** Following a loan of \$66 million by the International Bank for Reconstruction and Development, for the construction of a 140,000 kw power plant and transmission lines to Bangkok and 10 other towns, in 1958, the Bank is now making Thailand a loan of \$6.6 million to carry on with its development. It is estimated that in 1964 total generating capacity of 320,000 kw will supply energy to Bangkok and 24 communities.

**U.S.S.R.:** Use of a new "colloid" cement paste is said to make it possible to prepare hollow prefab sections of reinforced concrete for erection of hydroelectric dams.

Underground hot water—at 212 F to 250 F—will be tapped in Western Siberia from depths of 1500 to 6000 ft by a wood factory which will use the water for heating the factory, drying the wood and keeping waterways open during the cold season.

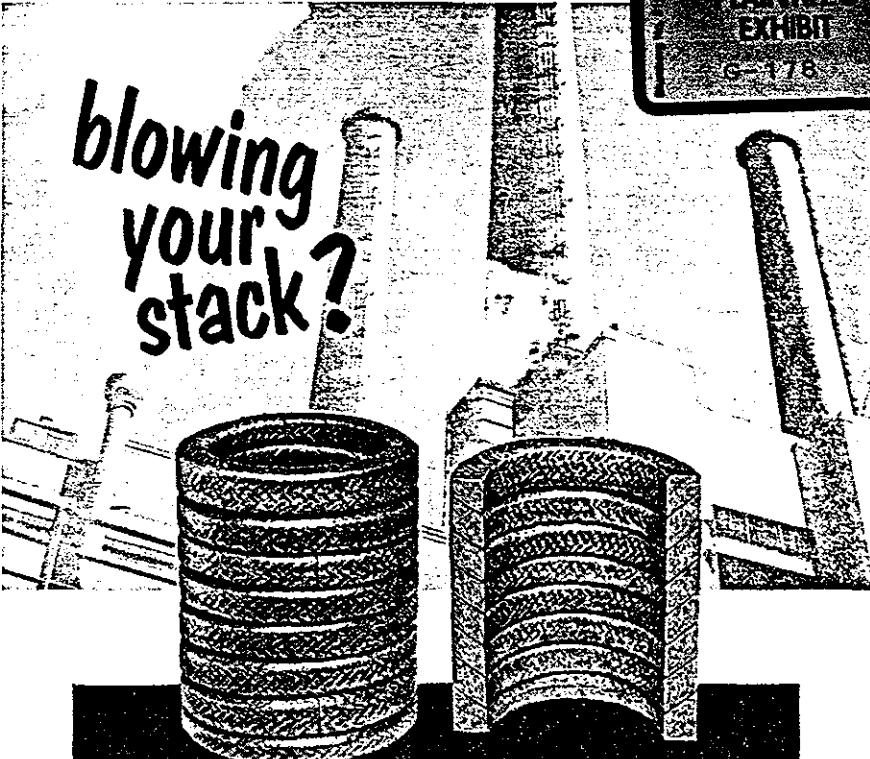
A serious effort toward standardization of thermal power plant buildings, in view of reducing costs, is being undertaken in Soviet Russia. Basically, the plan consists in designing standard units which can be built to the size required by addition of intermediate sections. It isn't only the size and design of the sections that make them interchangeable, but their composition.

For example, wall and roof of panels of foamed concrete can be substituted for panels of reinforced concrete. In certain cases ferroconcrete girders and crane supports can be replaced with steel parts fitted into the same place.

continued

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