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Swiss Gas Turbine Power Station For Saudi Arabia

The president of the "Electricity Company of Riyadh and surroundings" recently signed a contract for the purchase of a gas turbine power station to be supplied completely ready for operation. BST, the Brown Boveri-Sulzer Turbomachine Co. Ltd. (Zurich, Switzerland), has been commissioned to build this power station to the south of Riyadh, the capital of Saudi Arabia. In addition to the four BST gas turbines, with a power of 25 MW each, the consignment also comprises all the related plant, i.e. two fuel tanks, the current distribution plant, alternators and transformers, three 33 kV sub-stations, 45 miles of 33 kV three-core cables, as well as the necessary premises. The first unit is scheduled to go into operation and supply current about the middle of 1974. For a long time now, the Riyadh Electricity Company has been using Swiss gas turbines for the production of the power it requires. Thus in 1955 Brown Boveri, one of the founder firms of BST, received a first order for four gas turbines totalling 24 MW. By 1970, BBC/BST has installed six more machines. These ten units provide a total of 100 MW, i.e. a power equal to that of the four machines recently ordered. The fuel used for the gas turbines will be Khurasan crude oil. This new power station will enable the town of Riyadh to meet its power requirements for the next five to six years. (SODT)



New Swiss Machines For The Corrugated Cardboard Industry

While just a few years ago the corrugated cardboard industry still produced very simple shipping cases, today it makes a whole range of high quality individual packagings. A firm at Lausanne (Vaud, Switzerland), specialising in the production of machines for the graphic arts, recently introduced a new machine for the corrugated cardboard industry: a combined printing and cutting machine (type SPO-flexo 1575-EEG), specially designed for the processing of corrugated cardboard and comprising a flexo multi-colour printer and a high speed cutting press; the hourly output of this machine amounts to 4500 sheets of cardboard printed in several colours, shaped, cut and stacked in counted packets. A machine of this type has already been installed in a big German works specialising in the manufacture of packaging for foodstuffs; equipped with three printing units, it allows the rational production of polychrome packagings of impeccable presentation. (SODT)