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## PESTALOZZI CHILDREN'S VILLAGE AT TROGEN

The annual report of the Swiss Pestalozzi Children's Village at Trogen in Appenzell has been published. It covers the year in which the 20th anniversary of the successful venture was celebrated; 786 children had been educated and trained at the Village by the end of 1966. Two more houses had been added, South Korea and Tunisia. The Tibetans have already reached higher classes of instruction and will soon be able to follow Swiss *Mittelschulen*. A Youth Centre, a small church and a mountain farm now being added, the latter to house the Village's own cows, sheep and ponies. In 1966, 21 former inmates got married, and since the beginning of the Village, 155 children have been born to young people who spent their childhood at Trogen. At the Trogen Commune Registrar's Office, 40 births have been registered since the start, including the five-year old Tenzin, the first-ever Tibetan child to be born in Europe.

The annual report may be had from the *Dorfleiter* Mr. Arthur Bill, Pestalozzi Children's Village, Trogen.

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## BROWN BOVERI BUILDS THE LARGEST STEAM TURBINE IN THE WORLD FOR THE U.S.A.

The Tennessee Valley Authority, the most important electricity utility company in the United States of America, has ordered from Brown Boveri & Co., at Baden in Switzerland, a steam turbine unit together with turbo-generators for a maximum rating of 1,300 Megawatt. This turbo-generator unit for a coal-fired power plant will be the largest machine of its type to be built in the whole world. Its colossal rating is such that thirty such units are equivalent to the entire installed capacity of the power stations of the Central Electricity Generating Board. This significant order, which will be manufactured in Brown Boveri's Swiss works at Baden and Birrfield, establishes the highest recognition of Brown Boveri as a world-wide firm. In 1959, Brown Boveri received a contract for a 550 Megawatt cross-compound turboset from the same customer and this unit has since completed approximately three years of successful operation.

This 1,300 MW turboset will be of a similar design to the previous 550 MW unit. Both shafts will have a speed of 3,600 r.p.m. and each one of the two turbo-generators will have a rating of 722 MVA.

Steam will be supplied from a boiler designed to deliver a maximum steam quantity of 4,200 t/h with a pressure of 3,500 psig and a temperature of 1,000°F. at the turbine stop valves. The steam will be reheated also to a temperature of 1,000°F.

Also included in the delivery of Brown Boveri are two condensing steam turbines for driving the boiler feed pumps which will have a total rating of 43,000 kW. and also three 7,000 kW. turbines for driving the boiler fans.

The delivery of this machine will be made in 1971.

\* \* \*

The Swedish Powerworks Arlshamnsverkets Kraftgrupp AB in Malmö, which ordered a 320,000kw. turbo-generator group from Brown Boveri & Co., at Baden, already a few years ago, has now ordered a second unit of the same size for the Karlshamn works in South Sweden. The order is valued at over 30m. Swiss francs. Turbo-generators groups of this size are not yet operational in Switzerland.

\* \* \*

At the General Meeting in July, shareholders agreed to an increase in capital from 132m. to 165m. francs.



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