

**Zeitschrift:** The Swiss observer : the journal of the Federation of Swiss Societies in the UK  
**Herausgeber:** Federation of Swiss Societies in the United Kingdom  
**Band:** - (1967)  
**Heft:** 1529

**Artikel:** Brown Boveri buils the largest steam turbine in the world for the U.S.S.  
**Autor:** [s.n.]  
**DOI:** <https://doi.org/10.5169/seals-695543>

### **Nutzungsbedingungen**

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

### **Conditions d'utilisation**

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

### **Terms of use**

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

**Download PDF:** 13.08.2025

**ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>**

## 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.


*Presenting the*

**BEST OF BALLY**

in

**GOLDERS GREEN**

*49 Golders Green Road, N.W.11*



## 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 Arlshamnsværkets 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.



drink more milk  
the  
**OVALTINE**  
way

## PIONEERS of MODERN TRANSPORT

*Specialists in GROUPAGE Services  
to and from Switzerland and most  
other Continental destinations.*



"Arnold House", 36-41 Holywell Lane,  
LONDON, E.C.2.

Tel. Bis 6500

Telex. 28404/21453

Trainferry

TIR Trailers

I.S.O. containers

Lift-units, etc.

ALLIED HOUSES:

**BASLE**  
M.A.T. TRANSPORT A.G., Peter Merian Strasse 50  
PHONE: 351800. TELEX BASLE 62216-MATTRANS

**ZURICH**  
M.A.T. TRANSPORT A.G., Sihlfeldstrasse 88, 8036 Zurich  
PHONE: 258992/95 TELEX: ZURICH 52458-MATTRANS