

CENTRAL INTELLIGENCE AGENCY
CONFIDENTIAL
INFORMATION REPORT

REPORT

COUNTRY Germany (Russian Zone)
SUBJECT Developments in Electronics Industry

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SUPPLEMENT TO REPORT

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- The firm of Koch & Storz is located in Dresden N 30 at Overbeckstrasse 48, Ecke Washingtonstrasse. This part of the town is known as Uhligau and belongs to Mickten. The factory is the former Transformatoren-Werk of Koch & Storz AG, in which both the transformer factory and the X-ray factory are now operating. The X-ray factory was formerly at Zwickauerstrasse 48, but this was completely destroyed.

The transformer factory is now working mainly in conjunction with the Saxon power stations. Because of the lack of raw materials, no new equipment can be delivered, nor can the necessary spare parts be produced. In the X-ray factory only repairs on medical apparatus are being carried out, and 100 medical sets, the distribution of which has already been fixed, are to be produced in 1948. X-ray tubes are no longer produced here and there is no experimental work in this connection. The firm only works on the necessary wiring elements. Both factories, however, are now preparing a new production plan on the orders of the SIA in Karlshorst and hope that they will soon be able to obtain equipment, tools, and spare parts. Under the SIA plan 80% of production is to go to reparations.

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- Koch & Storz is only making small X-ray units with low anode voltage. Technical and therapeutical equipment with voltages ranging from 100 to 300,000 volts cannot be manufactured at the present time. The production of such equipment is planned, however, for 1949. Negotiations are at present being carried on with Karlshorst, which reserves the right to stipulate the type of each X-ray apparatus. Some leading technicians of the firm have been removed on orders of the SIA and are said to be engaged in development work in the realm of nuclear physics on behalf of the SIA.

- Radiologie, Gera, is just beginning production. Only samples which show no advance on wartime models are available at the moment. Phoenix, Rudolstadt, is the former Siemens-Röntgen-Röhren und Röntgen-Schirm-Werk. In agreement with the SIA, this firm is working on new developments of high capacity tubes for X-ray photography. A flow of rays increased 1,000 - 10,000 times has been mentioned. Energy necessary for each individual picture is stored up in condensers. Anode currents are to range at about 50,000 volts. Experiments have been made with pictures of the heart in connection with the cardiogram. The Universitätsklinik in Jena is participating in this research work.

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