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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY Germany (Soviet Zone)

SUBJECT Elektroapparatewerke Berlin-Treptow
Order for Synchronous Generators

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THIS IS UNEVALUATED INFORMATION

1. The Elektroapparatewerke Berlin-Treptow is at present engaged on an order from the Soviet Union for three-phase alternating current synchronous generators. Specifications are as follows: 1760 amperes, 400 r.p.m., 90 volt excitation, cosine 0.8. The order calls for the delivery of three of these generators by the end of October 1953. Delivery however will not be made by that time because the generator is still in development. Completion by the end of 1953 is counted on.

2. Fifteen rectifier sets for transformers have been manufactured and delivered to Czechoslovakia. Construction of charging sets specially for small installations is hampered by shortages of mercury and selenium. The Hydrawerk Leipzig delivers condensers, mainly electrolytic condensers.

3. Vibrators are delivered in aluminum housings for loads between 6 and 24 volts, direct current. The production is between 350 and 400 pieces per month. Mercury switches are produced only for the Soviet Union.

4. About 180 charging sets for car batteries were produced in September 1953, as reparations deliveries. Most of the charging sets are connected to a small gasoline engine. The whole aggregate measures about 50 by 30 by 25. It is enclosed in a screen-like housing and is intended for the use of the Red Army. The coils and transformers are delivered by the Karl Liebknecht works in Berlin.

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