

SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

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COUNTRY Germany (Soviet Zone)

REPORT NO. [REDACTED]

SUBJECT HF Werk Manufacture of Television Tubes

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1. The HF Werk, Berlin-Oberschoneweide, manufactured 5,000 television tubes during the month of July 1953. The shortage of fluorescent material for "magic eyes" has been relieved since a works in Thuringia is able to make regular deliveries.
2. The new tube, type UCH 81, has come into production. Heretofore there were difficulties with the cathodes, but they have finally succeeded in producing television picture tubes, copied from an English type.
3. There is a tube of the type ECH 81, which is used exclusively for the export trade and for reparations deliveries to the Soviet Union. Tubes with slight vacuum defects now and then come into the trade in the People's Republic (DDR). The ECH 81 resembles in construction the American tube, 6 AJ 8. These tubes are used in many Soviet radio and broadcasting sets.
4. There also are three tubes of the American series XI 52, a new production since November 1952. These are designated 6J5, 6SQ7 and 6E5. These tubes are delivered to the Soviet Union and Poland. About 8,000 pieces of each kind are manufactured monthly.
5. A further delivery of insulation material from the foreign West arrived on 10 Aug 53. In all probability it came from Holland.

[Available on loan from the CIA Library are one tube of type ECH 81, and three tubes designated 6J5, 6SQ7 and 6E5. 7

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