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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

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COUNTRY

East Germany

DATE DISTR. 17 February 1954

SUBJECT 3

Development of the LD-12 Tube at the HF Plant

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The Werk fuer Fernmeldewesen HF, Berlin-Oberschoeneweide, has resumed the development of the LD-12, an indirectly heated triode used in decimeter wave technology. During World War 11 this tube had been manufactured for the German Wehrmacht. Its new development in the HF plant is completed, and it is to go wan into production in 1954.

The LD-12 is a tube for the eight-centimeter range with a power of 10 watts. The following is additional data:

Besting voltage: 12.6 Wolts (A.C.)

Heating current: 0.8 amperes

Anode voltage: 400 Volts

Anode current: 15 illi-emperes

Grid voltage: minus 2.5 Volts

Conductance: 9 mA/V

Internal resistance: 0.01 nega Ohms

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