CLASSIFICATION SECRET

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY East Germany

DATE DISTR. 4 February 1955

SUBJECT VEB Carl Zeiss Jena
Development of Infrared Spectrometer

NO. OF PAGES 1

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO REPORT

THIS IS UNEVALUATED INFORMATION

1. It may be that the infrared [redacted] which was completed in the "Feinmess Lab" (Precision [redacted] Laboratory) of VEB Carl Zeiss, Jena[1], will not only be used for the investigation of gaseous and liquid substances[2] but also for the investigation of solid substances. Such substances will be pressed to thin plates before being investigated. This will be done [redacted] in cases where chemical analysis of the substances is either impossible or presents many difficulties.

2. The device is provided with a number of prisms which can be substituted for each other. Two of the prisms used are:

   a. A potassium bromide prism of equilateral shape.

   b. An equiangular lithium fluoride prism with a vertex angle of 72 degrees.

3. Three out of a total of six devices to be produced in the near future were under construction in Mid-November 1954. They were scheduled to be completed for delivery in 1956. One was to be delivered to the Soviet Union.

[redacted]

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CLA[redacted] REPO[redacted]

IN[redacted]

COUNTRY [redacted]

DATE [redacted]

SUBJECT: VEB Carl [redacted]
Develo[redacted]

NO. O[redacted]

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PLACE ACQUIRED

NO. O[redacted]
(LISTED [redacted])

DATE OF INFO.

SUPPLEMEN[redacted]
REPORT[redacted]

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