

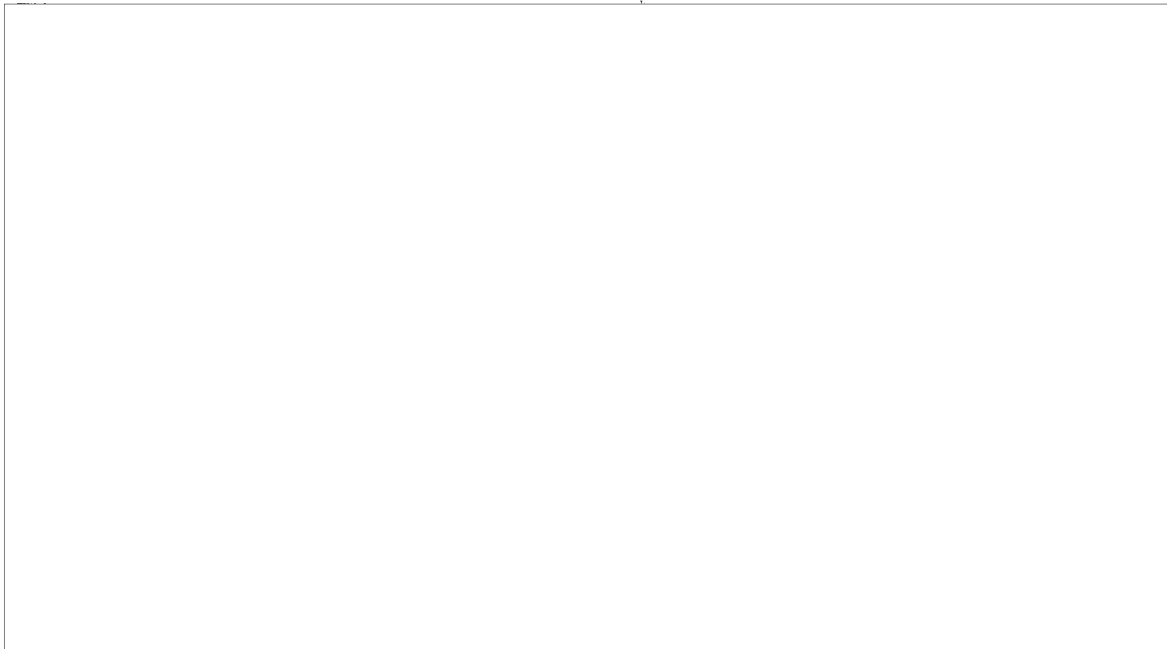
CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

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COUNTRY	Poland	REPORT	
SUBJECT	Polish Semi-Conductor Research	DATE DISTR.	6 May 1955 25X1
DATE OF INFO.		NO. OF PAGES	2 25X1
PLACE ACQUIRED		REQUIREMENT NO.	RD 25X1
DATE ACQUIRED		REFERENCES	25X1
		This is UNEVALUATED Information	25X1

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Poland is only carried out in one place, namely the institute of Prof. Sosnowski (fnu) in Warsaw this work has not progressed beyond the initial stage.

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Poland suffers from the following:

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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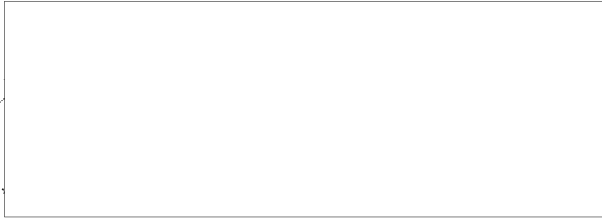
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- a. A very limited number of physicists specialize in this field.
- b. The Polish government so far has not agreed to make available for research and development the germanium occurring in Upper Silesia . As a result the work carried out in Warsaw has so far been mainly concerned with the study of lead compounds, specifically of lead sulfide, lead selenide, and lead telluride. The Warsaw institute lacks important materials for its work. For instance, there is a permanent shortage of hard glass which has been imported, in insufficient quantities only, from Czechoslovakia. The institute also does not have any Dewar containers.
- c. There is a serious shortage not only of scientists but also of skilled laboratory technicians. The situation is illustrated by the fact that Sosnowski's institute in Warsaw has only one glass-blower, who also has to perform the glass-blowing work for two more scientific institutes in Warsaw.
- d. Government funds for semi-conductor work are insufficient. So far the Polish government has not shown much interest in this kind of work and has supported it only hesitatingly.
- e. The scientists of the institute are underpaid. This situation holds quite generally.

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