

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	USSR (Moscow Oblast)	REPORT	
SUBJECT	Development of Radar and Infrared Equipment	DATE DISTR.	12 July 1954
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(FOR KEY SEE REVERSE)

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1. a camp in Kuchino, about 24 km east of Moscow. Some 50 Germans and some 450 Soviets were employed in this camp, which was equipped with laboratories and workshops for the manufacture of high frequency and ultrasonic equipment. This camp, as well as some others, was under the supervision of General Shilosoov (fnu). The camps were under the jurisdiction of the MVD but the Border Guards were also represented. MVD personnel had royal blue collar tabs; those of the Border Guards were green. 25X1
2. The radar equipment built in the camp was based on German and American models. The basic reference material used was a 26-volume publication, published in the United States. Newer materials, published in western scientific journals, were also exploited. Since the capacity of the workshops was extremely limited, the model parts were made during the day and small serial production was done during the night. The informant believed that radar equipment was also produced outside of the plant. 25X1
3. The special tasks 25X1
 - a. The development of testing equipment for measuring the reflection of searchlight beams from concave mirrors. 25X1
 - b. The development of a device for the projection and reception of infrared beams. This device was intended for use by the Border Guards. The apparatus was to be capable of emitting a beam, one kilometer long, and of measuring any interruption of the beam. This would permit, for example, the detection of an illegal border crosser. 25X1

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI	X	AEC		OSI	ev	X		
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(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

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Informant thought it quite possible that the operations along the so-called "dead" border strip--cutting down trees and leveling the ground--were carried out in order to permit the setting up of such infrared signal and control stations.

c.



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1.



Comment: Royal blue is the identifying color of officers of the MVD Internal Troops. The color for Border Guards is green.



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