

Authority NND 813055

By OK NARA Date 6/5/04
TOP SECRET

AFOAI-SV

Lt Col 1. E. Boyd/haj/76425

Wrtn: 28 June 1949

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AUTH CS, USAF
2-8651

13. Cont. #

13 JUL 1949 **DL-Hq, USAF**
SUBJECT: Estimate of Soviet Capabilities in the Field of Atomic Energy

TO: Commanding General
Air Materiel Command
Wright-Patterson Air Force Base
Dayton, Ohio

1. Attached hereto for your information is an estimate of Soviet capabilities in the field of atomic energy. This estimate has been concurred in by all members of the Joint Nuclear Energy Intelligence Committee which has representation from the Army, Navy, Air, Central Intelligence Agency, State, and Atomic Energy Commission intelligence departments.

2. The significant changes in this paper from the previous estimate of 1 January 1949, which was furnished your headquarters by letter dated 13 January 1949, same subject, are as follows:

a. Whereas the 1 January estimate indicated that the dates of mid-1950 and mid-1955 were based on U. S., British, and Canadian experience in the field of atomic energy and by a comparison of Soviet and Western industrial performance in other fields of similar size and complexity, this latest estimate indicates that intelligence substantiates these dates in general.

b. This latest estimate includes information indicating that if the Soviets are attempting an atomic bomb by one method only (method not indicated), the earliest possible date by which we might expect them to produce an atomic bomb would be mid-1951. The information to date is not sufficient to state that this is the only method by which the Soviets are attempting an atomic bomb.

c. In this estimate the bomb stockpile figures for the Soviets have been increased as indicated.

| OFFICE SYMBOL | 1. AFOAI-SV-SW | 2. AFOAI-SV | 3. AFOAI | 4. AFOAI | 5. |
|--|----------------|--------------|--------------|-------------------------|----|
| GRADE AND SURNAME OF COORDINATING OFFICERS | Lt Col Boyd | Col Allen | Gen. Moore | <i>Schwartz</i> | |
| | <i>Boyd</i> | <i>Allen</i> | <i>Moore</i> | <i>CPC</i> | |
| | | | | <i>(Maj Gen Cabell)</i> | |

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Authority NNP 813055By OK NARA Date 6/5/09**TOP SECRET**

Ltr. CG, AMC, Subj: Estimate of Soviet Capabilities in the Field of AE

3. Based on the information available, it is believed that this paper represents as reliable an estimate as can be stated at the present time.

BY COMMAND OF THE CHIEF OF STAFF:

1 Incl
Tab A

JOHN W. SCHWEITZER, JR.
Colonel, USAF
Executive
Directorate of Intelligence

Identical Letter sent to following:

Commanding General
Strategic Air Command
Offutt Air Force Base
Nebraska

| OFFICE SYMBOL | 1. | 2. | 3. | 4. | 5. |
|---|----|----|----|----|----|
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