



NOV 97 2006
BY DM LTR Date 7/22/05

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

SAC200165650000

Classification ~~Secret~~ or Changed
TO Secret
By Authority of J. G. Beckenby, Class Officer
Per memo to Kelly from Riley, Oct. 7/2/02
R. Pryde Admin. Officer 11/13/02

JAN 19 1951

RECEIVED January 19, 1951
U. S. ATOMIC COMMISSION
BY: W. J. ...
DOCUMENT NO. LXI-1481-8A

Name _____ Title _____ Date _____

MEMORANDUM For the Special Committee of the National Security
Council for Atomic Energy Matters

411990

Subject: APPROVAL FOR OPERATIVE GREENHOUSE

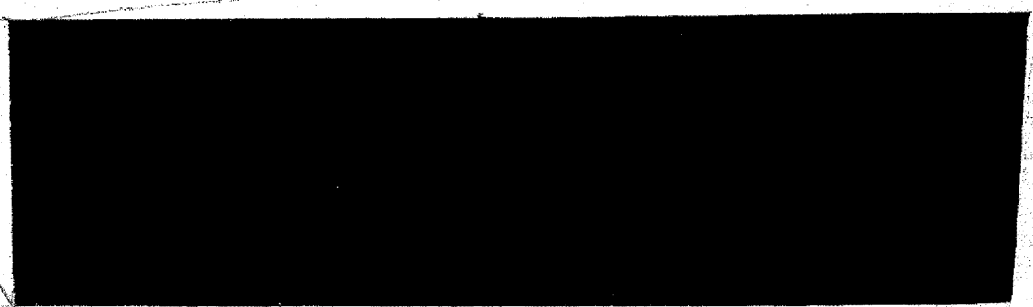
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As you have been advised previously, the Atomic Energy Commission
proposes to conduct full-scale weapon tests at the Kirtland Proving
Ground in the Spring of 1951 (Operation GREENHOUSE).

Final determination of the weapon models and nuclear devices actually
to be detonated during GREENHOUSE will depend in part on the outcome
of the tests to be conducted at the Las Vegas site during February
(Operation RABBIT), and also on the course of events during GREENHOUSE.
As now foreseen, the GREENHOUSE program will include from 3 to 5 detona-
tions during the period April 1, 1951-June 3, 1951. The principal
objectives of the GREENHOUSE program are the following:

- a. Proof-testing of nuclear components and associated weapon designs which may permit the attainment of much greater yields from a given amount of fissionable material, or, conversely, a given yield with the expenditure of less material.
- b. Examination of atomic weapons effects on buildings, aircraft structures, various materials, and on animals.
- c. Gaining information concerning the feasibility of the thermonuclear weapon.

The weapon models and nuclear devices under consideration for this firing program are:



DOE
6/1/00

Copy for the Secretariat

1-19-51

REPOSITORY AVAILABILITY STATEMENT

RG 326 46-51 Secretary
11 (NW3-326-93-007)

471.6 (10-20-48) Greenhouse Vol. #2

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1. REVIEW DATE: 02/15/02	2. DETERMINATION (CIRCLE NUMBER) SECTION
3. AUTHORITY: E.O. 12958, Sec. 1.4	1. CLASSIFICATION RETAINED
4. REVIEWER: J. G. Beckenby	2. CLASSIFICATION CHANGED TO: UNCLASSIFIED
5. AUTHORITY: ADD [Signature]	3. CONTAINS NO DOE CLASSIFIED INFO
	4. COORDINATE WITH: [Signature]
	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO SPACED
	7. DOWNGRADING (SPECIFY) [Signature]

SECRET

SECURITY INFORMATION

RESTRICTED DATA

This document contains restricted data as defined in the Atomic Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

1-26-51

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NWDD 972006A-25

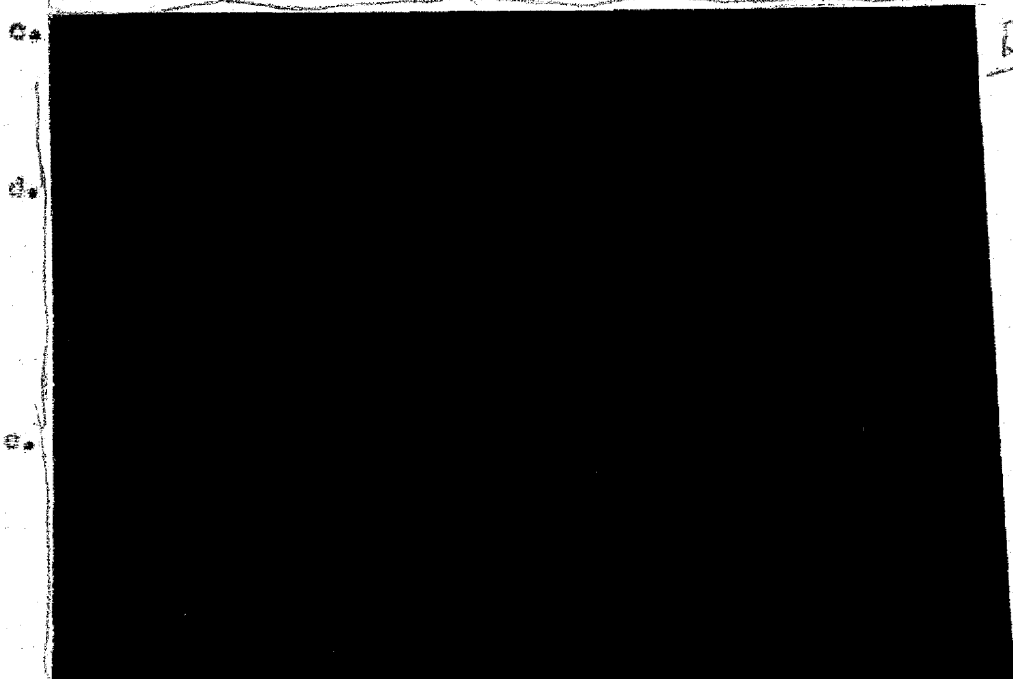
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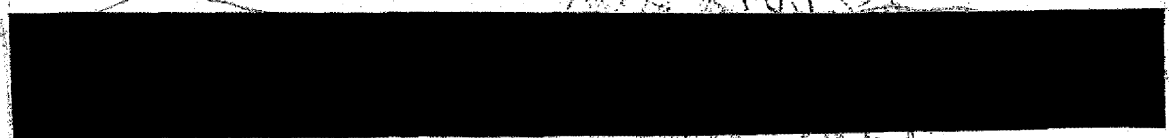


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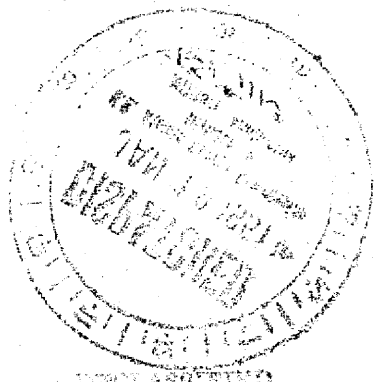
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6.1(a)

The General Advisory Committee to the Atomic Energy Commission has approved of this program.



DOE
6.1(a)

UNITED STATES ATOMIC ENERGY COMMISSION



H. D. Smyth
Acting Chairman

DECLASSIFIED
E.O. 12812, Sec. 1.4

~~SECRET~~

NW:9720064
By: P.M./Sa Date: 7/2/05