



NW 972006A  
BY DM LHC 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 Selig from Kiley, Oct. 7/4/51  
R. Pryde Admin. Officer 7/3/52

JAN 19 1951

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U. S. ATOMIC ENERGY COMMISSION  
BY: ~~W. J. ...~~  
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Name Title Data

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

411990

Subject: APPROVAL FOR OPERATIVE GREENHOUSE

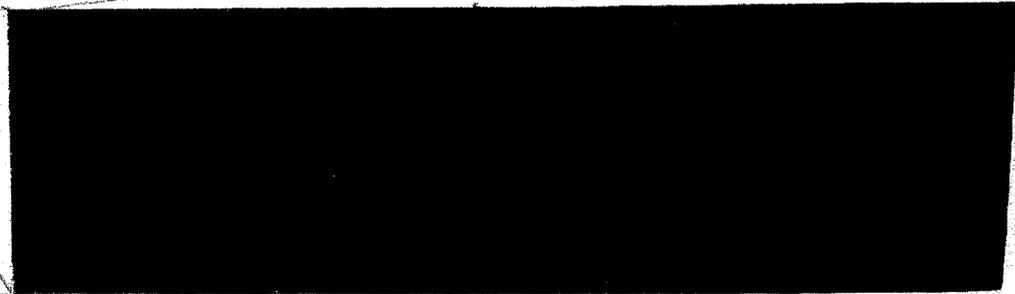
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As you have been advised previously, the Atomic Energy Commission  
proposes to conduct full-scale weapon tests at the Bikini Atoll Proving  
Ground in the Spring of 1951 (Operation GREENHOUSE).

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:



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6/16

Copy for the Secretariat

1-19-51

REPOSITORY AVAILABILITY

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

H71.6 (10-20-48) Greenhouse Vol. #2

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

1ST REVIEW DATE: 02/15/78  
AUTHORITY: EAC/DAC/DAO/CLD/O.  
NAME: Bill H. Harris

2ND REVIEW DATE: 10/20/85  
AUTHORITY: ADD  
NAME: [Signature]

DETERMINATION (CIRCLE NUMBER) SECTION  
 1. CLASSIFICATION RETAINED  
 2. CLASSIFICATION CHANGED TO  
 3. CONTAINS NO DOE CLASSIFIED INFO  
 4. COORDINATE WITH:  
 5. CLASSIFICATION CANCELLED  
 6. CLASSIFIED INFO SPICATED  
 7. DOWNGRADING (SPECIFY)

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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6401-4943-14-2R

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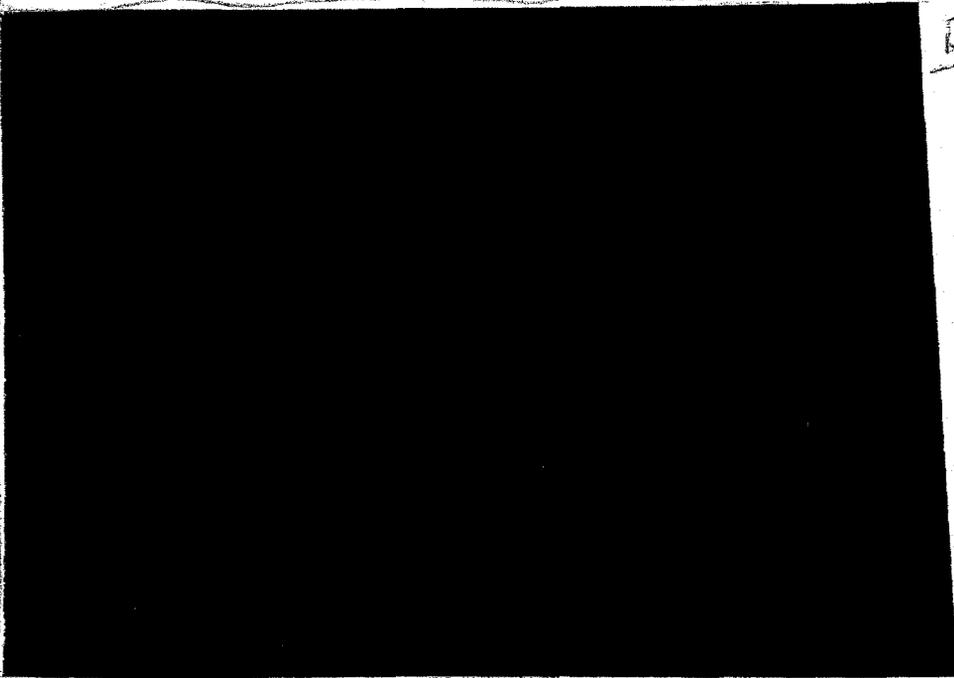
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~~TOP SECRET~~

UNCLASSIFIED  
E.O. 12958, Sec. 1.2

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c.  
d.  
e.



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



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6.1(a)

UNITED STATES ATOMIC ENERGY COMMISSION



H. D. Smyth  
Acting Chairman

~~TOP SECRET~~

NW:9720064  
L.P.M./sa