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SECURITY INFORMATION

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

407212

June 17, 1953

Dear Mr. President:

This is to report that the Atomic Energy Commission has reviewed the documentary report film covering Operation IVY and has deleted from it the more highly sensitive portions, in conformity with your recent instructions to me. The resulting film retains a classification of Secret - Restricted Data, and with the deletions we have made, we believe the picture is now suitable for showing to responsible persons who have a need to know the general story of our progress toward the development of a very high-yield weapon but who do not need to know the details of that weapon's construction or operation.

The story contained in our Secret version of the film tells that we have successfully detonated an experimental device of about ten to twelve megatons yield using a form of liquified hydrogen as fuel. The story also indicates that much further work is necessary before the size, weight, and complexity can be reduced to the point where the device can be made into a deliverable weapon. Remaining in the film are descriptions of the external cryogenics systems, mention of the desirability of reducing the case thickness (an obvious conclusion from the size of the device), the weapons effects information, and a very brief scene showing non-detailed sketches All schematics of the thermonuclear device and of the King weapon (high-yield have been removed.

Though some portions of the revised film are still highly classified information, searching review of the presentation has convinced us that the sensitive matter pertaining to weapon design details has been removed. This film is now available here for showing to any groups you may direct to see it. We feel that it should be shown as soon as possible to the Joint Congressional Committee on Atomic Energy, and unless you have objection, we will make arrangements to do so.

Respectfully yours,



DECLASSIFIED WITH DT
Agency Case DOE 89105-28A-MS
NLE Case 89-469-1
By NLE 1/24/90

Gordon Dean
Chairman

CLASSIFICATION CANCELLED
OR CHANGED TO C-R-D
BY AUTHORITY OF DRG-E-RR-4
BY J. H. [unclear] DATE 10/27/85

The President
The White House

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