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This document consists of 2 pages
No. 1 of 1 Copies Series

NW 972006A
BJDm/KC Date 7/25/85

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REPOSITORY WT:JAE NARA/College Park

COLLECTION RG 324 51-59 Inventory Subj: Request for GAC opinion on test shot

BOX No. 182 (NN3-324-93-010) T-4

FEB 12 1958

FOLDER MEA 7 Handtack, VL

Dr. Warren C. Johnson, Chairman,
General Advisory Committee
to the Atomic Energy Commission

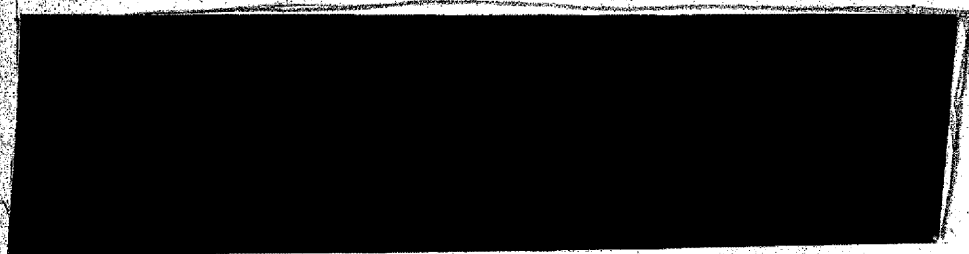
DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: <u>03/31/95</u>	TERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <input type="checkbox"/> ACC <input type="checkbox"/> AD <input type="checkbox"/> ADD	1. CLASSIFICATION RETAINED
NAME: <u>W. Chiswick</u>	2. CLASSIFICATION CHANGED TO:
2ND REVIEW DATE: <u>4-8-95</u>	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH:
NAME: <u>DC York</u>	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

Dear Dr. Johnson:

WITHOUT ENCL/ATTACHMENTS

The University of California Radiation Laboratory initiated the technique of testing nuclear devices fully contained underground with the 1.7 KT HANMER event in Operation PLUMBBOB in September 1957. This test was successful and the debris and fallout from the device was contained completely.

The UCRL has recommended an additional 20 to 40 KT device for firing underground at NTS in late 1958 in Operation WILLRACE to investigate the technique of testing higher yield devices underground, prior to completion of UCRL plans for the full-scale Operation TRUMPET series at NTS in the Spring of 1959. UCRL considers the 20 to 40 KT test to be a step in proving the capability of testing devices with yields of 200 KT and higher underground at NTS. UCRL desires to fire as many of their TRUMPET devices underground as is necessary and practicable, to avoid the fallout problem and associated weather delays. Candidates for the 20 to 40 KT shot include:



Doc
6. 10)

Some of the logistical and technical factors involved in readying the 20 to 40 KT shot for firing in late 1958 are outlined in the attached letter from UCRL to DIA, dated October 4, 1957.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEW DATE: <u>02/04/02</u>	TERMINATION (CIRCLE NUMBER(S))
AUTHORITY: <input type="checkbox"/> ACC <input type="checkbox"/> AD <input type="checkbox"/> ADD	1. CLASSIFICATION RETAINED
NAME: <u>William Stewart</u>	2. CLASSIFICATION CHANGED TO:
2ND REVIEW DATE: <u>10/20/02</u>	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADD	4. COORDINATE WITH:
NAME: <u>WAS</u>	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY): <u>20-40-39</u>

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RESTRICTED DATA

OFFICE	Test 4438	MAILPC/ise	MA:GBStewart	MA:ADStarbird	Gen. Mer.
SURNAME	EA5blue/ELg				
DATE DECLASSIFIED	2/6/58	2/1/58	2/1/58	2/1/58	2/1/58

NW: 972006A
BJDm/KC Date 7/25/85

NNDD 972006A-318

MA:AD

