



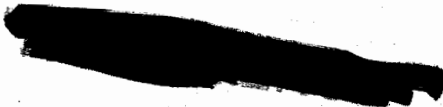
UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

This document consists of 2 pages
No. 5 of 10 R

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E.O. 12958, Sec. 3.8

NW: 972006B
By DM/FR Date 8/9/05



MAY 20 1958

R

Mr. James T. Ramey
Executive Director
Joint Committee on Atomic Energy
Congress of the United States

Dear Mr. Ramey:

As you know, a representative of my staff telephones to the staff of the Joint Committee immediately after each shot of the HARDTACK series and reports that the shot has been fired. As was done in the case of the BEDWING series, however, I shall write you periodically after several firings giving certain preliminary data as to results. Should there be any additional early information the Joint Committee desires, I hope you will call upon me or the Director of Military Application to provide.

As of May 16, 1958, six shots have been fired at the Eniwetok Proving Ground. Of the six, two have been announced publicly by the Commission, while confirmation of a third was given after announcement by Representative Porter. In connection with all six firings, reports have been received that there was no hazard or damage to personnel, aircraft and ships, and no offsite radiological problem has occurred.

Outlined below is the preliminary information which I believe would be of interest on each of the first six shots. It includes the time of firing, the yield that was expected at the time of firing and a preliminary estimate of the yield which actually was realized. As you know the preliminary yield estimate, gotten primarily from fire-ball photography, is not particularly precise. Better estimates based on more detailed analysis will be available later. The purpose of each firing is as outlined in The Quarterly Progress Report, Part III - Weapons, January - March 1958.



COPY FOR SECRETARIAT

DEPARTMENT OF ENERGY
DOE Order 5650-200
REVIEWER (NAME)
DATE 5/25/58
Test

MA:EEConrad MA:CBStewart MA:ADStarbird Cong. Comm. Gen. Mgr.

Sherrill/bs

5/16/58 5/158 5/158 5/158 5/158 5/158

6401-4929-2-11

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
1ST REVIEW DATE: 8/27/01
AUTHORITY: 28 CFR 1.55(a)
NAME: Betty J. Harris
2ND REVIEW DATE: 4/07/04
AUTHORITY: 28 CFR 1.55(a)
NAME: [Signature]
E.O. 12958, Sec. 3.8

NARA - College Park
26 REC SECRETARIAT
1951-58
108 CLASSIFIED
5 MRA HARDTACK

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NW: 972006B
MI-0473 Date 8/9/05



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James T. Ramsey

<u>Shot</u>	<u>Time (EDT) Detonated</u>	<u>Expected Yield at Time of Firing</u>	<u>Preliminary Estimate of Yield After Firing</u>
YUCCA	10:40 PM April 27	1.7 KT	2 KT
CACTUS	2:15 PM May 5	14-17 KT	16.6 KT
FIR	1:50 PM May 11	1-1.5 MT	1.3 + 0.2 MT
SUTHERHUT	2:15 PM May 11	100 KT	90 + 10 KT
KOA	2:30 PM May 12	1.75 MT	1.3 + 0.2 MT
NAHOO	9:30 PM May 15	9 KT	9 KT

The latest report from the Commander, JTF-7 indicates that ready dates for additional near-future, firings will be as follows:

WOLLY	May 18 Washington Time
ROSE	May 21 Washington Time
MAGNOLIA	May 22 Washington Time
ELDER	May 22 Washington Time
NUMERO	May 23 Washington Time

In this connection, arrangements have been made whereby there will be no firings of higher yield devices (those approaching or above 200 KT) during the period between now and through May 22d, Japanese Time. This was done in the interest of preventing some propoganda use of announcement of such a firing in attempting to influence the Japanese elections which will be completed by 8:00 P.M., May 22d, Tokyo Time.

Sincerely yours,

8321 0 3
Deputy General Manager
Signed - R. W. Cook

1A: Addressee
 2A: Gen. Manager
 3&4A: Cong. Comm.
 5A: Secretariat

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ED DM KA Date 8/9/05