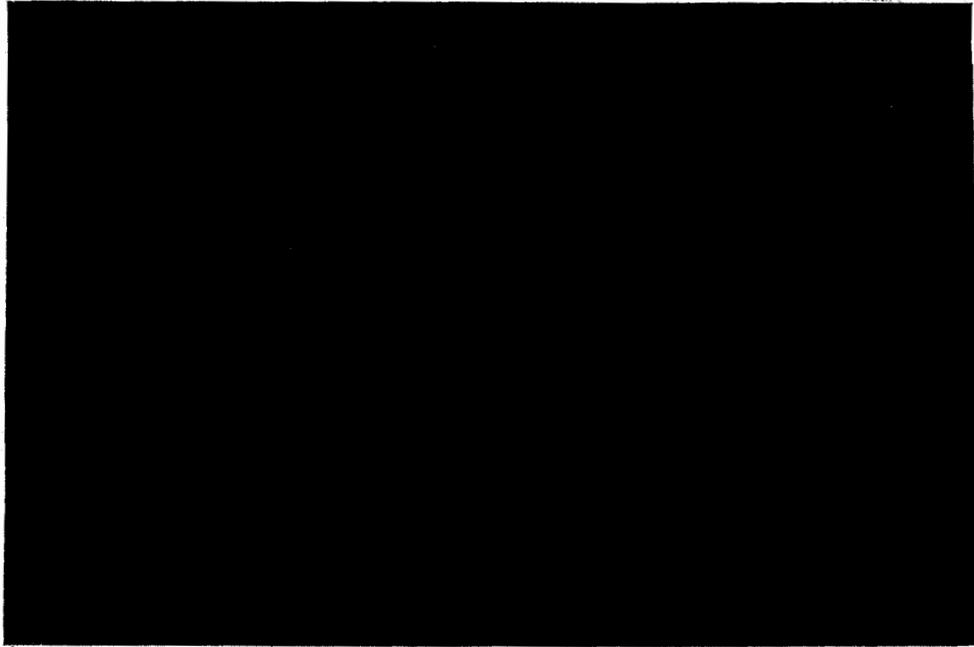




~~SECRET~~

Honorable Carl T. Durham

- 2 -



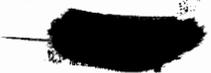
DOE  
6.1(a)

The total program (exclusive of the UN demonstration shot), considering the weather delays to date, should be completed by late August. The UN demonstration shot would be fired at Eniwetok Atoll as soon as possible after the high altitude Johnston Island shots - estimated as ready in very late August and to be fired as soon thereafter as weather permits. The President has authorized the expenditure of the necessary nuclear materials to carry out the above tests.

Also, on June 13, 1958, the President approved our plans and authorized the nuclear materials for Operation MILLRACE, an underground series of small shots to be fired in the Nevada Proving Ground during October and November of 1958. Tentatively the plans contemplate the firing of several safety shots from which no significant nuclear yield is expected and six nuclear shots:

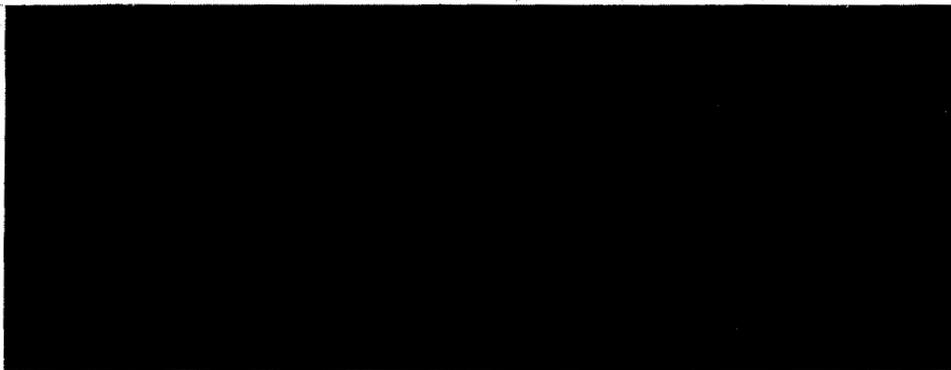


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6.1(a)



Honorable Carl T. Durham

- 3 -



DOE  
6.1(a)

I will inform you of the program for MILLRACE in an early letter.

Since I last reported the progress of the HARDTACK series on June 12th and as of June 19, 1958, three more devices have been fired in HARDTACK. These are indicated on the attached listing of the revised ready dates including the additions reported above for the remainder of the HARDTACK series.

Sincerely yours,

15/ W.F. Libby

*WFL* Chairman

Attachment:  
Table of HARDTACK Results  
and Ready Dates

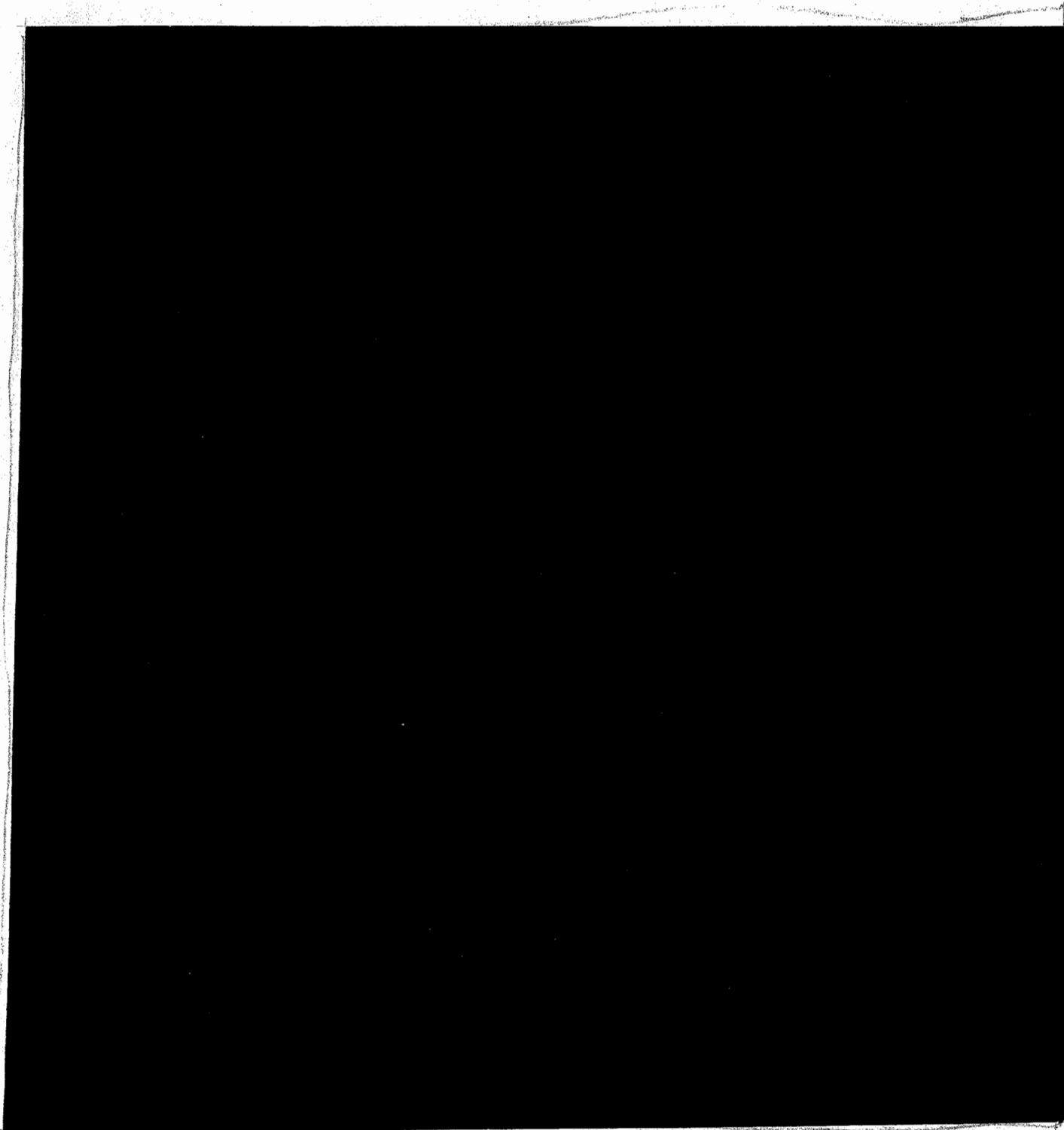
Honorable Carl T. Durham  
Chairman, Joint Committee on  
Atomic Energy  
Congress of the United States

2A: Destroyed 6/20/58  
3A: Chairman  
4A: General Manager  
5A: Secretariat  
6A: Cong. Comm.  
7A: Cong. Comm.

This document consists of 2 pages

No. 12 of 12 Copies, Series A

HARDTACK RESULTS SINCE JUNE 12, 1958



DOE  
8.16

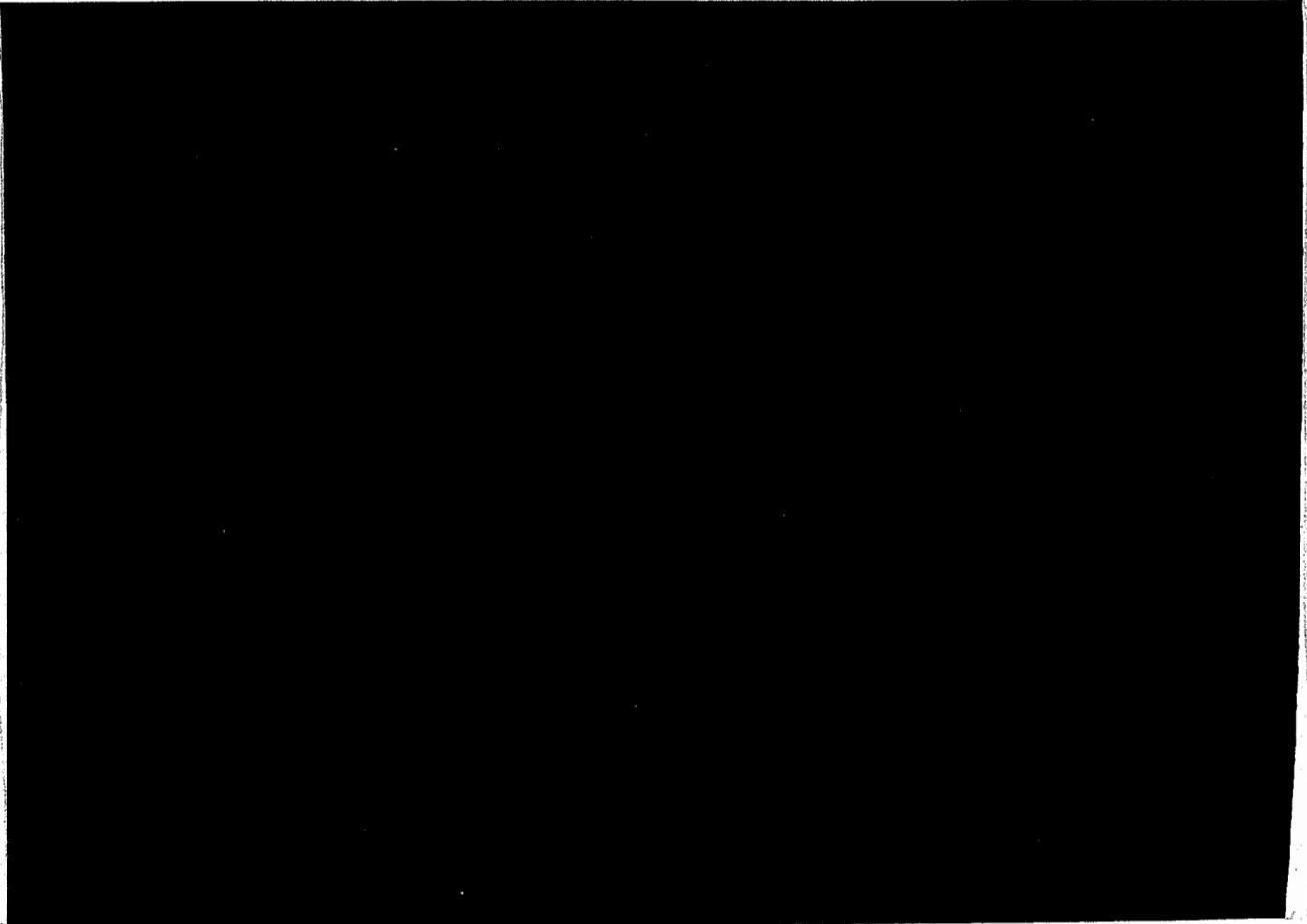
~~RESTRICTED DATA~~

This document contains restricted data as defined in the Atomic Energy Act of 1954. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

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REVISED HARDTACK READY DATES (Cont'd)



*DOE  
6/1/89*

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6/1/89*

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E.O. 12958, Sec. 3.3

*NW 972006A*  
By *DM 1-JR* Date *7/27/89*