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AEC 226/141

May 20, 1958

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ATOMIC ENERGY COMMISSION

PROPOSALS RELATED TO POSSIBILITY OF  
NUCLEAR TEST MORATORIUM

Note by the Secretary

The General Manager has requested that the attached copy of a teletype from Dr. Teller to the Director of Military Application be circulated for the information of the Commission. The Director of Military Application has advised that the specific proposals discussed in the attached are under study in his division.

W. B. McCool  
Secretary

REPOSITORY NARA - College Park  
COLLECTION RG 326 - 51-58 Secretary  
BOX No. 185 (NW3-326-93-010)  
FOLDER MRA 7, Underground Testing, Vol 1

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NAME: <u>W. B. McCool</u>	<input type="checkbox"/> 5. CLASSIFICATION CANCELLED
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INCOMING TELETYPE

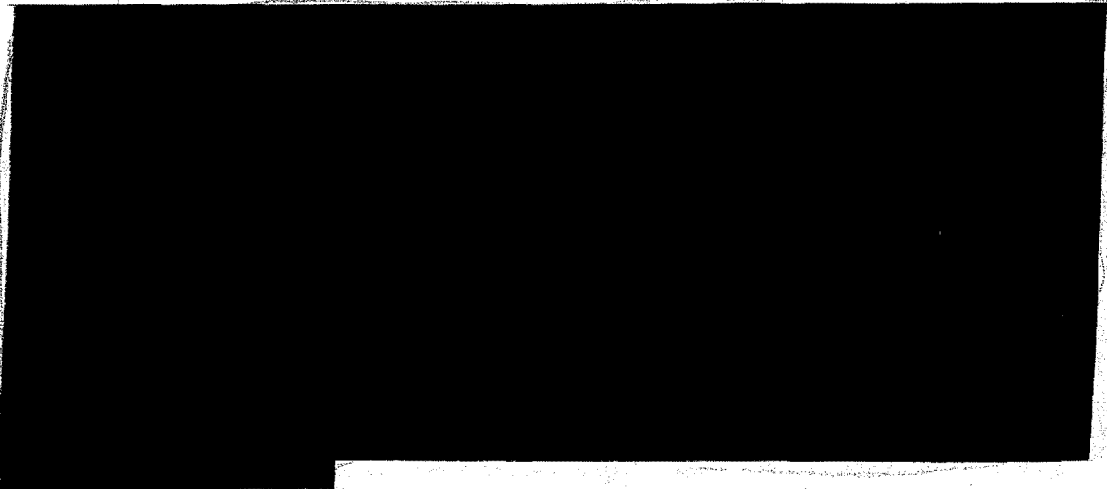
April 25, 1958

The following items give the details of our proposed accelerated program which is designed to do what UCRL feels it can contribute to putting the U.S. in the strongest possible position should a test moratorium come at any time in the period following HARDTACK:

A. For the HARDTACK test series we propose to do the following two additional programs:

1. 

In our opinion this is the most important UCRL shot that can be added to the HARDTACK series. This program would add one shot to HARDTACK.

 DOE  
6.1(a)

B. For MILLRACE we propose to push this program as hard as possible in order to meet an early September 1958 start date and to be completed by January 1, 1959. This series will include the following shots all underground in the Rainier tunnel offshots.

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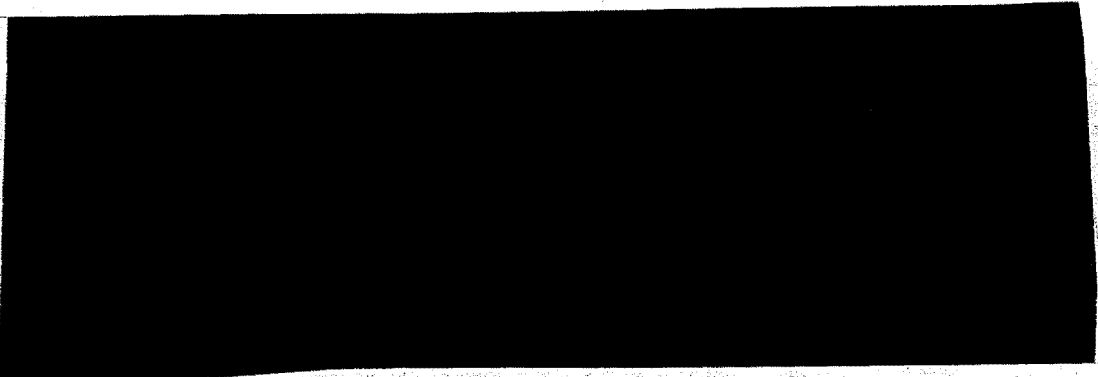
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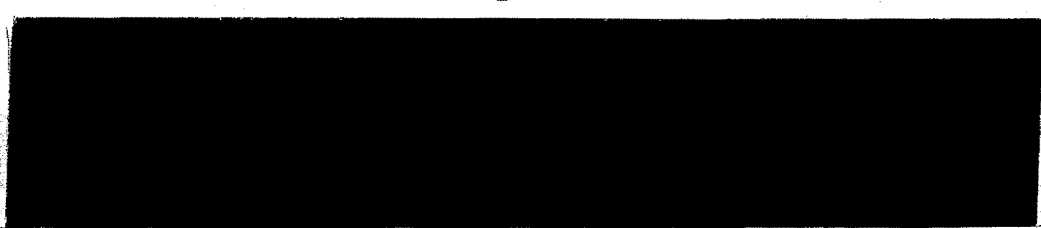
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DOE  
6.1(a)

C. Accelerate the 20-40 KT underground program so that the shot can be fired during December 1958. We propose to fire one of the following for this test:



DOE  
6.1(a)

In addition to the information about larger underground tests we will use this test to get a higher yield point on the seismic detection scale. If January 1, 1959 moratorium looks certain as we approach the firing date and the schedule is lagging we will change our plans and fire a near standard device with little or no diagnostics rather than delay beyond January 1.

D. We will accelerate the search for a suitable large cavity (salt dome) for the type of shot discussed with you out here April 12. We will continue to discuss this with "Q" cleared employees of private companies. If the Commission is willing to go all out to procure the cavity for this test we could be prepared to fire a shot in the Fall of 1958. We would use this shot to get additional data on the seismic detection scale.

E. The financial plans required for the accelerated program listed in A through D above are 37.0 million for FY 1958 and 47.0 million for FY 1959. The 47.0 million level included Plowshare at 2.5 million (this is the same as was included for Plowshare in the 44.0 million level). As stated previously this accelerated program will be reviewed January 1959 to determine if the speed up should be continued.

F. Every effort will be made to minimize effects on other laboratory programs.

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E.O. 12958, Sec. 1.8

NW: 9720064  
By: [signature] Date: 7/22/05

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