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UNIVERSITY OF CALIFORNIA  
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LOS ALAMOS, NEW MEXICO

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8 May 1952

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REVIEWED BY

*J. Diaz* 3/23/87  
*J. Diaz* 3/23/87

~~RESTRICTED DATA~~

Mr. Carroll L. Tyler  
Manager, Santa Fe Operations Office  
Albuquerque, New Mexico

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Dear Mr. Tyler:

The best estimates which can be made at present with respect to the use of the Eniwetok Proving Ground following Operation Ivy are given below in reply to your request of April 25, 1952, reference T-6. These estimates cannot be considered firm at this time and are subject to very considerable change depending upon the results of Ivy and further theoretical and developmental work.

- As stated in my letter to General Fields of April 16, 1952, of which you have a copy, the best estimate of the date for the first Eniwetok operation following Ivy is September-October, 1953. Specifically, it is thought likely that the testing phase of the operation would require about three months during the last four months of calendar year 1953.
- Present plans envisage a total of 3 + 1 tower or ground shots, no drop tests.

*Cont'd*

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~~DELETED~~ It would not be safe to assume that the Atoll need not be evacuated for this shot unless we learn in Ivy that the effects from large-yield detonations are less damaging than presently anticipated.

The other shots being considered are sufficiently small that evacuation of the Atoll may be unnecessary, yet too large to shoot on towers on the surface in Nevada. These tests will be ancillary ~~\_\_\_\_\_~~ and will require extensive instrumentation of the magnitude and complexity of that for the Greenhouse George test.

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Carroll L. Tyler

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Thus, present thinking at the Los Alamos Scientific Laboratory indicates a test operation at Eniwetok in the fall of 1953, of somewhat greater magnitude than Operation Ivy. In general, the same type and magnitude of assistance will be requested of the Department of Defense as for Ivy with the exceptions, (1) drop tests will probably not be done and (2) [REDACTED]

D [REDACTED] The testing period will probably be somewhat longer than that for Ivy.

I trust the above estimate of the situation will assist you in planning.

Very truly yours,

**BEST AVAILABLE COPY**

Original Signed by N. E. Bradbury

NEE/hgc

N. E. Bradbury  
Director

1A, 2A - C. L. Tyler  
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