

1. The General Manager has requested that the attached memorandum from the Chairman, MLC, be circulated for the information of the Commission.

2. Previous correspondence on this subject has been circulated in the AEC 12 series.

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 SERIES Part 9 Long Range Detection Program

W. B. McCool
 Secretary

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supported. As stated in the above reference, The Atomic Energy Commission should plan on diagnostic measurements, to include

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the determination of yield. Further study is required to establish the placement of the instruments and the extent to which the diagnostic measurements will meet the DOD requirements for effects data, in order that instrument development will not be duplicated. The DOD is not prepared to finance additional missiles for diagnostic measurements.

4. The Department of Defense, therefore, concurs in the desirability of conducting high altitude testing jointly with the Atomic Energy Commission during Operation HARDTACK. The DOD would assume responsibility for delivering the warhead(s), the device(s) to be determined later, and for making measurements of essential effects data. The AEC should bear the responsibility of making diagnostic measurements, including the development of instrumentation and procurement of missiles therefor if required.

5. Action is being taken within the Department of Defense with a view to obtaining approval of a program which will meet the DOD requirements consistent with funding capabilities.

/s/ Herbert B. Loper
Herbert B. Loper
Chairman

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