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RG 326 US ATOMIC ENERGY COMMISSION

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Folder 0-1 IVY

(380 Folder)

Mr. Eric H. Wang
Headquarters, AEC
Wright-Patterson Air Force Base
Dayton, Ohio

Attention: RCMXD-7

Re : Reply to Col. Bruce D. Witwer's IVY Yield Questions

Dear Eric:

I am in receipt of a Secret Security Information letter dated 4 June 1953 from WADC, Office Symbol WCOFS. The letter was signed by Lt. Col. Bruce D. Witwer although in the upper right hand corner appears the name Captain E. M. Munyon, and it is my guess that the letter was prepared by Captain Munyon. As the present project officer of IVY Project 6.10, taking over the work of Lt. Col. Hadenberg, Captain Munyon needs the information he requested in his letter of 4 June, but because of AEC security requirements I am not authorized to communicate this information directly to him. Several months ago I had established a correspondence channel to you, so my request is that you transmit this letter to Captain Munyon or Col. Whitwer if you are satisfied that they are cleared to receive Secret Restricted Data information.

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In reply to the questions asked by Col. Whitwer's letter, the best present information on the yield of the IVY Mike shot is 11.0 MT, and the yield of the King shot 540 KT. These yield values should be used in the final report on Project 6.10.

Concerning the partition of energy and atmospheric attenuation of thermal energy, you have probably heard that there is evidently substantial difference between the data taken by the Naval Research Laboratory group under Dr. Stewart and those obtained by the Naval Radiological Defense Laboratory. By conversation with Dr. Stewart at Los Alamos Scientific Laboratory on 23 June, we have learned that a conference has been set for 17 July between the NRL and NRDL groups with a view to resolving these differences if such is possible. I suggest that you ask your thermal questions of Col. E. R. Giller, Weapons Effects Division, AFSWP, Headquarters, Washington, D. C., so that he may send your answer immediately after the 17 July meeting which he will attend.

CENTRAL M & R CONTROL NO. Q

Original signed by
E. F. Cox
E. F. Cox, Manager
Weapons Effects Department

CLASSIFICATION CANCELLED BY AUTHORITY OF DOE/OC

Canceled
DATE 3/15/89
BY *Diary*

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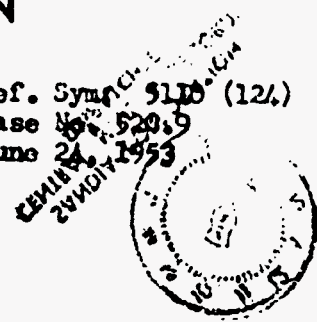
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