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MIL 24 1951

Brigadier General R. C. Maude
Commanding General
AFOTY-1
Washington 25, D. C.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <i>AA S. W. G. W. 11/2/49</i>	DETERMINATION (CIRCLE NUMBER(S))
REVIEWER (ADD): NAME: <i>ML Kowen</i>	1. CLASSIFICATION RETAINED
DATE: <i>11/25/49</i>	2. CLASSIFICATION CHANGED TO:
	3. CONTAINS NO DOE CLASSIFIED INFO
	4. COORDINATE WITH:
	5. CLASSIFICATION CANCELED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):

Dear General Maude:

Our close-in operational requirements for cloud detection activities in connection with the Fall tests at the Nevada Test Site are known to you. The Commission feels it is also essential that we have information beyond the close-in, 500-mile operational area, for use in protecting United States industry and other national interests. A record of cloud travel may also prove useful in our later relations with the public.

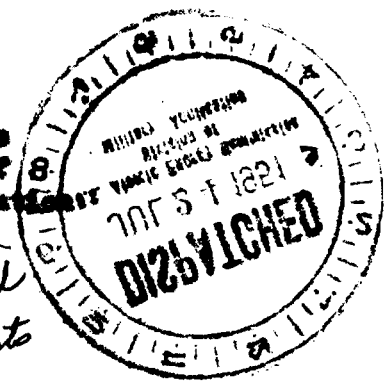
To meet these requirements it is necessary to obtain data on cloud travel and significant fall-out at least to the Atlantic Ocean. Adequate information on the path taken by the cloud is required in order to predict its location twenty-four hours in advance. The Division of Biology and Medicine feels that information on fall-out at ground level is also quite important and expects to make full use of the various Atomic Energy Commission operational groups in obtaining ground level measurements.

Accordingly, it is requested that you advise us of your capability for this undertaking. If you can undertake this work, we would appreciate a summary of your plan of operation and an estimate of costs which cannot be borne by you. We would then propose to request the Manager, Santa Fe Operations, to incorporate this project in his operational plans, jointly with the Commanding General, Special Weapons Command.

Sincerely yours,

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S. G. Butler
Colonel, Ord Corps
Acting Director of
Military Applications



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