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January 15, 1953

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: AA S. Wisgalu 11/2/94	DETERMINATION [CIRCLE NUMBER(S)] 1. CLASSIFICATION RETAINED 2. CLASSIFICATION CHANGED TO: 3. CONTAINS NO DOE CLASSIFIED INFO 4. COORDINATE WITH: 5. CLASSIFICATION CANCELLED 6. CLASSIFIED INFO BRACKETED 7. OTHER (SPECIFY):
REVIEWER (ADD): NAME: ML Kouzay	
DATE: 11/28/94	

Brig. Gen. A. R. Walk
Chief of Staff
Headquarters, JTF-132
Washington 25, D. C.

Dear General Walk:

In reply to your letter of December 19, 1952 regarding exposures for Operation CASTLE, it is recommended that an exigent exposure of 20 roentgens integrated gamma dosage be permitted for a three-month operation under the following proposed conditions:

a. Personnel in special category of allowed twenty (20.0) roentgens dosage will be the crew of actual sampling aircraft.

b. Personnel in special category will be allowed total integrated dosage of twenty (20.0) roentgens for the entire Operation CASTLE, or three-month operational period.

c. Personnel who receive the maximum allowed twenty (20.0) roentgens will not be required to receive a similar "one short exposure dose" of this extent in other similar peacetime operations. This does not preclude additional exposures on a lifetime basis of 0.3 roentgens per week after completion of the operation as presently prescribed in AEC operations.

d. Suitable records will be maintained to insure that medical records of such individuals in their parent agencies reflect the exposures so that compliance with restrictions above can be realistically carried out.

e. Personnel in the category as outlined above will be given the special radsafe physical examination before exposure. If they actually receive dosages between fifteen (15.0) and twenty (20.0) roentgens, they will be given additional radsafe physical examinations at least once per year for two (2) years after the exposure period.

MILITARY RESEARCH & APPL. 7-4

f. Reports of results of medical examinations will be made by the respective Department of Defense services, or sponsoring agency if non-military, to AEC with suitable identifying data. This step is in the overall interest of maintaining one central repository for [redacted] records of all personnel involved in atomic tests of the AEC.

OFFICE ▶	BMBP	BM DIR
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DATE ▶	1/14/53	1/15/53

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g. The underlying concept for the establishment of this special exposure limit is that the decision as to which individuals are to be subjected to such exposure levels, and under what circumstances, is inherently one of command responsibility. We would assume, therefore, that in accordance with your customary procedure, the Test Commander would ensure that the circumstances affecting such decisions would be made a matter of record.

It is the intent that these special provisions apply to Operation CASTLE only, and do not automatically constitute standard procedure for any subsequent operations.

Sincerely yours,

John C. Bugher, M.D., Director
Division of Biology and Medicine

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