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DEPARTMENT OF DEFENSE
ARMED FORCES SPECIAL WEAPONS PROJECT
P.O. Box 2610
Washington, D. C.

June 25, 1952

Mr. Seth Woodruff
Las Vegas Operations Office
Mercury, Nevada

Dear Seth:

Conversations with Doctor John Bugher just before his departure for some well-earned leave indicated that the following dosages are acceptable for the roll-up operations phase:

- a. Total of 3 roentgens, gamma only, for a ten-week period.
- b. Ten milliroentgens non-contaminated area. Areas with instances of greater than 10 milliroentgens would be considered as contaminated, and a monitor should be present during operations in this area.
- c. Two milliroentgens - level for vehicle and equipment contamination. This was the same level utilized during TUMBLER/SNAPPER.

These levels should allow reasonable roll-up operations without an undue expenditure of personnel. The important level is of course the total dosage of 3 roentgens for a ten-week period. This complies with accepted peacetime tolerances of .3 roentgen per week. Dr. Bugher promises to send this information over his signature when he returns from leave.

Sincerely,

/s/ Jim

James B. Hartgering
Lieutenant Colonel, MC
Assistant Surgeon

cc: Dr. Bugher
CO Test Cmd, AFSWP

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