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7A-93

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Don P. MacMillan, Group Leader, Group W-3

20 October 1951

Carl W. Buckland, Section Leader, H-1 Monitoring Section

12 OCTOBER 1951 SPILL AT TA-33

H-1-M-6

THIS DOCUMENT CONSISTS OF 1 PAGE(S)
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VERIFIED UNCLASSIFIED

Phil Long ISO-6
6-22-79

A cracked missile occurred during a Button Shot within Area 6 at TA-33 on October 12, 1951.

William A. Ranken, John E. Dougherty, William Chambers, and Alex Gutierrez were present during the shot. The personnel were non-contaminated with the exception of Dougherty and Chambers' shoes, which had a low count and are to be cleaned.

The missile lodged in an embankment and therefore reduced the spread of contamination to a minimum; however, an area 10 x 10 feet was roped off which included the connection between the muzzle and steel barrel holding the counters and some railroad ties and dirt. The steel barrel read approximately 100,000 counts per minute.

The cracked missile leaked but was not shattered. It was greased, sealed in a plastic bag and taken to the dump.

On October 16, a partially contaminated bulldozer scraped away the top layer of earth and the contaminated embankment. In so doing, the dozer contracted more contamination necessitating clean up with Brooklyn Betsy on the 17th and 18th of October. Some boxes located downwind during the shot were also contaminated and were painted. There was no contamination on the gun this time.

The area is now considered clear again as the last survey indicated no spot on the ground greater than 200 counts per minute. George Grover indicated that he was going to either water or oil down the area to decrease the dust hazard. Contamination signs will soon be placed around the contaminated pile of dirt.

On checking with Morris Milligan of the H-5 Laboratory Section in ML Building, it was found that some of the persons concerned in this latest spill have not submitted a urine sample. It is therefore recommended that the following persons go to ML Building and take care of this matter:

John Featherstone, Vernon Johnson, Ed Little, George Grover, Janitor Lopez

By authority of the U. S. Atomic Energy Commission,

Per T. M. Ledman 1-4-65

(Person authorizing change in classification) (Date)

By Elaine Stycinski 1-7-65

(Signature of person making the change, and date)

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Section 144b, Atomic Energy Act, 1954

ORIGINAL SIGNED BY CARL BUCKLAND

Carl W. Buckland, Section Leader
H-1 Monitoring Section

cc: Thomas L. Shipman, M.D.
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Alex Gutierrez
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