

OFFICIAL USE ONLY

Don McMillan, W-3

5 June 1951

Reynold Hoover, Felix Vigil, H-1

CONTAMINATED SHOT AT TA-33

Serial H-1
H-1 M-4

Highly contaminated gun components were found following the shot on May 29, 1951. All personnel and the major portion of the immediate area were free from contamination. The target was taken to the TA-33 dump, as well as some contaminated wood and the debris collected by raking the area. Decontamination of the gun and component parts reduced the alpha contamination to the following levels:

Rear shield	5,000 to 20,000 c/m
Counting Chamber (inside)	20,000 to 100,000 c/m
Front shield	500 to 2,000 c/m
Sliding mount	negative to 2,000 c/m
Gun	negative
Rear platform	500 to 20,000 c/m

Recommendations:

1. The area around the counting chamber be roped off until it can be painted with lead paint, after which time another check by the monitoring section be made to determine possibility of future use.
2. The sliding mount should be painted and rechecked for probable reuse.
3. The smaller area in connection with area 6 be completed as early as convenient in order that future shots, resulting in large amounts of contamination, can be taken care of directly without loss of operating space. This smaller area will be considered contaminated and booties and gloves will be worn at all times in this area. When the contamination reaches a hazardous level, as determined by Group H-1, this area can then be covered by surrounding soil and posted properly.

FORMERLY RESTRICTED DATA
Handle as Restricted Data in Foreign Dissemination
Section 144b, Atomic Energy Act, 1954

Classification changed to **UNCLASSIFIED**
by authority of the U. S. Atomic Energy Commission,
L. M. Redman 1-4-65
(Person authorizing change in classification) (Date)
Elaine Stopinski 1-4-65
(Signature of person making the change, and date)
cc/ Marshall Holloway
T. N. White
Files

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VERIFIED UNCLASSIFIED
Phil Long ISO-6
6-22-79

Approved by T. N. White, H-1 Group Leader

1-4-65-58 ~~CONFIDENTIAL~~

