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Henry Petrzilka, W-3

August 26, 1953

Charles D. Blackwell, Alt. Ldr., General Monitoring Section, H-1  
CONTAMINATION SURVEY AT HOT POINT, TA-33

H-1

On August 24, 1953, a contamination survey was made within the fenced-in area of Underground Chamber #2 at Hot Point at TA-33. This survey was made to establish the alpha contamination level within the area and results were to be used as a guide in determining the safety precautions to be used in clearing the area of debris, removing existing mounds of dirt, and filling the open pits so that the area could be made level for building purposes.

The surface of the ground showed no detectable alpha contamination, but some of the timbers in the area gave counts ranging up to 500 c/m. Some dirt was removed around the large open pit and soil at a depth of 2 feet gave a reading of 500 c/m.

The crater of Underground Chamber #2 appears to be large enough to hold all the contaminated dirt and all mounds of dirt found to be contaminated could be pushed directly into the crater. Then a layer of dirt free from contamination could be used to leave all exposed surfaces without detectable counts. The bulldozer operator should wear protective clothing, including a respirator, while the area is being leveled. Similar protective measures should be taken in digging the ditch to lay the large pipe which will be placed approximately one foot underground. After the area has been leveled, another survey will be made to enable us to give clearance to the entire area, and future operations may be carried out in the ordinary manner used when working within any clean area.

Original Signed by  
CHARLES D. BLACKWELL  
CHARLES D. BLACKWELL

CDB/eg

cc: Dean Meyer  
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Roy Reider  
File (thru Carl Buckland)



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