

14 November 1949

Donald MacMillan, Group Leader, W-3

Carl Buckland, Monitoring Section, H-1

1. MONITORING RESULTS OF SPECIAL TEST AT T. A. 33 ON ^{November} ~~OCTOBER~~ 10, 1949.
2. SMOKE HAZARD.

REFERENCE: H-1

1. No Alpha activity could be detected upon the assembly after firing. It is advised that swipes be made at different intervals for the possibility of seeping.
2. On discussing the experiment at the weekly meeting of the Radiologic Safety Section, H-1, there arose the apparent hazard from smoke, which respirators fail to remove. The fumes are very poisonous and create lung damage to the extent that death can result in the right concentration.

It is recommended that either the control room personnel leave by the west door and walk around the outside to the open east end or wear self contained gas masks while walking through the smoke.

Carl Buckland
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cc/ Thomas N. White
Simon Shlaer
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