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810

14 November 1949

Thomas N. White, Group Leader, H-1

Carl Buckland, Monitoring Section, H-1

SPECIAL T. A. 33 EXPERIMENT ON NOVEMBER 10, 1949.

REFERENCE: H-1

The W-3 Group performed a special experiment at T. A. 33 on November 10, 1949, ^{at 10:30 AM} under the direction of Commander James Dare and Lt. Ed Snyder. The details of this experiment were discussed at the Monday morning meeting on November 7, 1949. In main, it consisted of a sealed Polonium source contained in a steel assembly, whereas a Tuballoy bullet enters one end and impinges upon an initiator containing the Polonium and Beryllium.

Scott air packs and rubber gloves were worn during the monitoring. The tail end of the assembly broke off from the impact and two cracks were made near the Tuballoy bullet. No Alpha activity could be found on any portion of the cylinder after firing. The Polonium gadget did have 1000 c/m on it before the assembly was made.

In the meeting this morning there arose a hazard that heretofore had not been considered concerning the black powder smoke. A memo on this hazard in conjunction with the subject matter of this memo will be sent to Don MacMillan.

VERIFIED UNCLASSIFIED

Phil Lane ISD-6
6-22-79

Carl Buckland
Carl Buckland

cc/ Files

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Classification changed to _____
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Per *L. M. Redman* *1-4-65*
(Person authorizing change in classification) (Date)

By *Elaine Stojinski* *1-4-65*
(Signature of person making the change, and date)

no of declassification
sent 1-4-65 - ES