

5 January 1950

Thomas N. White Group Leader H-1

Charles D. Blackwell and Ralph E. Gosline, Monitoring Section, H-1

T. A. 33 SPECIAL EXPERIMENT 5 JANUARY 1950.

REFERENCE: H*1

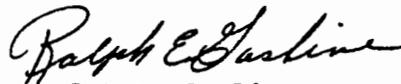
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W-3 group performed a special experiment at T. A. 33 on 5 January 1950 under the direction of Commander James Dare and Lt. Edward Snyder. The experiment was the same as the one mentioned in the memo to you from Carl Buckland dated 14 November 1949.

The usual monitor's protective clothing was worn with the addition of Scott Air Packs during monitoring operations. Full face fireman's masks were worn by the W-3 personnel. Francis Smith, H-5, tested a Chemox Mask during the monitoring operations. The mask proved satisfactory, however, we do not believe the cost of operating the mask could be justified, because once the cannister is punctured it cannot be resealed. These cannisters will operate the mask for 45 minutes and the actual monitoring operations take approximately 10 minutes, and the cost of each cannister is \$6.00.

The butt end of the assembly broke off from the main section. No signs of contamination were found.

After the experiment, personnel were checked for stray contamination and no counts were found.


Charles D. Blackwell


Ralph E. Gosline

cc/ Files



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