U.S. Engineer Office
P.O. Box 1663
Santa Fe, New Mexico
Narch 9 1916



Subject: Pilot and Vonitor Training over Not Area.

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To a Commander Joint Task Force I, Havy Department Building, Washington, D.C. (Attention: Deputy Commander for Air) (Attention: Captain George Lyons, M.C., USHR, ≴ Surgeon General's Office)

- 1. In response to dispatches from the Deputy Commander for Air, JTF-1 and to instructions from the Officer-in-Charge, Radiological Safety Section, monitoring tests were conducted at the Trinity Bomb Site in L-5 aircraft on 27 Pebruary 1916 and 6 March 1916 by medical personnel of the Manhattan District and flight surgeons of the 58th Bombardment Wing (Yn).
- 2. Geiger-Rueller counters and watts meters were employed, and aircraft flight patterns were so acronged as to permit measurements of radioactivity at various levels between altitudes of 15 feet and 1400 feet over the bite. Enclosure No. I shows the charted metering results of these tests, indicating the practicability of using the Trinity Site for subject training. The latest estimate of radioactivity at the Site reveals that an approximate total of 30 curies remain in the grater area.
- 5. The Surgeon, 50th Wing, has been provided with three Geiger-Eueller counters equipped with headests, and has assumed responsibility for the proper indoctrination of pilots and so-pilots of his organization in the essentials and significance of radiological metering while airborne, and in the relationship between metering results and health hasards. In a conference following the tests on 6 Earch, it was suggested that the desired trailing might be expedited by use of a larger aircraft, such as a C-47; Surgeon, 55th Hing, has investigated this, found it practicable, and has taken necessary action to secure the use of a C-47 aircraft for the training. It is understood that the release of the five L-5 airplance originally provided for the mission has been recommended to preper authority.
- 4. In soordination with the Surgeon, 58th Ring, a schedule has been arranged by this office for participation in subject training by the thirty-two officers of the Radiological Safety Section, who are now on temperary duty at Los Alamos, New Mexico.

| slow-flying aircraft for t | it may be stated that the employment of relatively the monitoring of known radioactive land areas and sective land areas appears to be a feasable procedure. |
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| assification changed to authority of the U. S. Atomic Energy Commission, | |
| (2) Kalin | (Dair) John M. Talbot, t. Cel., M.C. |
| (Person nathorizing change in classification) | Attached to Madiological Safety Section |
| | H11/61 |
| (Signature of person making the change, and | Junes F. Holan, MBCOSITORY (DSALMOS NAT (D |
| (Mag. 1200) | Chief of Health Group |
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