

HEADQUARTERS  
 U.S. ARMY CHEMICAL CENTER  
 AND  
 CHEMICAL CORPS MATERIEL COMMAND  
 ARMY CHEMICAL CENTER, MARYLAND

CIAN-M-RA

6 NOV 1961

Director, Compliance Division  
 New York Operations Office  
 U. S. Atomic Energy Commission  
 376 Hudson Street  
 New York 14, New York

Gentlemen:

Reference is made to message, this Headquarters, 13 October 1961, reporting alleged radiation overexposure of SFC Conyard S. Birch, Headquarters, U. S. Army, Alaska, Fort Richardson, Alaska.

In accordance with referenced message, detailed report of investigation is submitted as Inclosure 1.

During the period indicated, SFC Birch was exposed to radiation from the TS-784 (Sr-90 source) and M3 Source Set (Co-60 source). However, it is this headquarters' opinion that the exposure recorded on SFC Birch's film badge was not due to radiation from the M3 Radioactive Source Set which is used by Department of the Army under authority of AEC License No. 19-1826-2 issued to this Headquarters. This conclusion is based on the following:

- a. Paragraph 6 of attached report indicates the exposure was 9.0 rem beta.
- b. The M3 Co-60 Source would emit beta radiation only if it were leaking. Paragraph 5g of the report indicates that the M3 Source was not leaking.

Copies of the attached report were forwarded to Commanding Officer, Lexington Signal Depot, Lexington, Ky.; Chief Chemical Officer, and The Surgeon General.

Sincerely,

1 Incl  
 Rept of Investigation

DARWIN N. TARAS  
 Health Physicist  
 Ofc, Sp Asst to CG for Rad Affairs

Washington National Record Center  
 Office of the Army Surgeon General  
 Record Group 112

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File: Overexposure Hawaii & Alaska