



DEPARTMENT OF THE ARMY  
 HEADQUARTERS US ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND  
 5001 EISENHOWER AVENUE, ALEXANDRIA, VA. 22333

40-8158  
 PDR J  
 Return to  
 D. Cramer  
 396-55

DRCSF-P/81-0075

29 May 1981

Director  
 Nuclear Material Safety and Safeguards  
 ATTN: radioisotopes Licensing Branch  
 US Nuclear Regulatory Commission  
 Washington, DC 20555

Gentlemen:

Recommend approval of US Army Communications-Electronics Command request for amendment to Source Material License Number SUB-1150. This request is change name of Licensee to Department of the Army, US Army Communications-Electronics Command, and to change possession limits condition 8B to 2.76 kilograms--no single source to exceed 300 nanocuries.

Please acknowledge receipt of correspondence on inclosed DA Form 209 Reply Card.

2 Incl  
 As Stated

*Darwin N. Taras*  
 DARWIN N. TARAS  
 Chief, Health Physics  
 Safety Office

CF:  
 HQDA(DASG-PSP-E) WASH DC 20310 w/incl (2 cys)  
 Dir, DARCOM FSA, Charlestown, IN 47111 w/incl  
 Cdr, US Army Communications-Electronics Command,  
 ATTN: DRSEL-SF-H, Fort Monmouth, NJ 07703

REC-21

99/2  
 19233





REPLY TO  
ATTENTION OF:

DEPARTMENT OF THE ARMY  
HEADQUARTERS US ARMY COMMUNICATIONS-ELECTRONICS COMMAND  
AND FORT MONMOUTH  
FORT MONMOUTH, NEW JERSEY 07703

DRSEL-SF-H

22 MAY 1981

SUBJECT: US Nuclear Regulatory Commission (NRC) Source Material License  
Number SUB-1150

Commander  
US Army Materiel Development and Readiness Command  
ATTN: DRCSF-P  
5001 Eisenhower Avenue  
Alexandria, Virginia 22333

1. Condition 8B of subject license authorizes the Department of the Army, US Army Communications and Electronics Materiel Readiness Command, Fort Monmouth, New Jersey the receipt, possession, use and transfer of a total of 2.15 kilograms of metallic <sup>232</sup>Thorium in the form of the Nuclear Research Corporation Part Number B-1093 extruded metal sheet incorporated onto AN/PDR-56F standard Army alpha detection instrumentation, each containing 235 nanocuries of metallic <sup>232</sup>Thorium.
2. Request subject license be amended to reflect the following changes:
  - a. Condition 1 be changed to read:

Department of the Army  
US Army Communications-Electronics Command
  - b. Condition 8B be changed to read:

2.76 kilograms-no single source to exceed 300 nanocuries.
3. Paragraph 2a above reflects the recent name change of this command and paragraph 2b reflects the updated information provided by Nuclear Research Corporation, the contractor responsible for the manufacture of the AN/PDR-56F radiac instrument. The contractor indicated the need for the correction in paragraph 2b above in that:
  - a. There may be a slight dimensional deviation (plus/minus factor) in the preparation of these sources, and
  - b. The AN/PDR-56F radiac instruments manufactured are incorporating Caution Radioactive Materials labels indicating a maximum quantity of <sup>232</sup>Thorium of

22 MAY 1981

DRSEL-SF-H

SUBJECT: US Nuclear Regulatory Commission (NRC) Source Material License  
Number SUB-1150

0.3 microcuries.

FOR THE COMMANDER:



STEVEN A. HORNE  
Acting Chief, Safety Office