



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

REPLY TO  
ATTENTION OF:

DRSEL-SF-H

22 DEC 1980

US Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Sir:

Reference is made to telephone conversation between Mr. Steven A. Horne, this command, and Mr. Francis Costello, your organization, on 10 December 1980, subject: Leakage of Radioactive Material, and to US Nuclear Regulatory Commission (NRC) Byproduct Material License Number 29-01022-08 authorizing the possession and use of the AN/UDM-2 Radiac Calibrator Set by the Department of the Army. Condition 13C of this license requires that a report be made to your organization should tests for leakage and/or contamination reveal the presence of 0.005 microcurie or more of removable contamination.

As indicated during referenced conversation, the recall/inspection and recalibration program for all AN/UDM-2 Radiac Calibrator Sets located at Lexington-Blue Grass Depot Activity (LBDA) is being performed by US Army Ionizing Radiation Dosimetry Center personnel located at LBDA. Prior to the recalibration of the Doserate Jig portion of AN/UDM-2 Radiac Calibrator Set Serial Number 116, tests for leakage and/or contamination of each individual sealed source was performed as part of the inspection requirements for this program. Analysis of the cotton swabs revealed the presence of 0.0054 microcuries of removable contamination for the source incorporated in this assembly. Action is being taken for proper disposal of AN/UDM-2 Radiac Calibrator Set Serial Number 116 as radioactive waste at a licensed radioactive waste burial site.

Upon completion of the recall/inspection and recalibration program, this command will provide your organization with our findings. We will also keep you apprised of future actions taken regarding this matter.

*Steve A. Horne*

STEVEN A. HORNE  
Acting Chief, Safety Office

CF:  
CDR, DARCOM  
ATTN: DRCSEF

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