



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

DRSEL-SF-H

25 JUN 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. Frank Costello, your organization, on 9 June 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 Nucleonics Branch, LBDA, personnel. Prior to the recalibration of the Dosimeter Discharge Well Assembly portion of AN/UDM-2 Radiac Calibrator Set Serial Number 473, 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 0.0083 microcurie of removable contamination for one of the sources incorporated in the dosimeter well. Action is being taken for proper disposal of AN/UDM-2 Radiac Calibrator Set Serial Number 473 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.

Sincerely yours,

Steven A. Horne
STEVEN A. HORNE
Acting Chief, Safety Office

CF:
Cdr, DARCOM, ATTN: DRCSF-P

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