



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

15 APR 1980

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

Dear Sir:

Reference is made to our letter, DRSEL-SF-H, dated 11 April 1980 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. The following is being reported under the requirements of referenced license.

As stated in referenced letter, the recall/inspection program for all AN/UDM-2 Radiac Calibrator Sets located at Lexington-Blue Grass Depot Activity (LBDA) was being conducted by the three man health physics/maintenance team during the week of 7 April 1980. During the inspection of the Dosimeter Discharge Well Assembly portion of AN/UDM-2 Radiac Calibrator Set Serial Number 283 on 11 April 1980, tests for leakage and/or contamination of each individual sealed source was performed as part of the inspection requirements for this program. Preliminary checks of the cotton swabs utilized were made with an Eberline Instrument Corporation (EIC) portable scaler with EIC Model HP-210 pancake probe and the results indicated that a source incorporated in the dosimeter well was leaking. Further analysis of the cotton swab by the Nucleonics Branch, LBDA, revealed 0.017 microcurie of removable contamination.

Upon notification of the analysis results, the radiation work area and personnel were monitored to determine areas of possible contamination. Results revealed no contamination of the area or personnel. Dosimeter Discharge Well Assembly portion of the AN/UDM-2 Radiac Calibrator Set Serial Number 283 was then packed in plastic, sealed and placed into a radioactive waste disposal drum for proper disposal at a licensed radioactive waste burial site.

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Upon completion of the recall/inspection 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,



BERNARD M. SAVAIKO
Chief, Safety Office

CF:
Cdr, DARCOM
ATTN: DRCSE-P