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   2 2 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 Depart-
ment 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 radio-
active 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.

STEVEN A. HORNE
Acting Chief, Safety Office

CF:
CDR, DARCOM
ATTN: DRCSF