



DEPARTMENT OF THE ARMY
HEADQUARTERS, U. S. ARMY MATERIEL COMMAND
5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

License No. 29-01027-06

Docket No. 030-05248

MLER-8 8-024

5 October 1987

U.S. Nuclear Regulatory Commission
Region I
Materials Licensing Section
631 Park Avenue
King of Prussia, Pennsylvania 19406

Gentlemen:

Forwarded for your information is the record of telephone conversation between Mr. Wurtz of your regional office and Mr. Furia of the U.S. Army Communications-Electronics Command.

Sincerely,

Patricia A. Elker
Chief, Health Physics,
Safety Office

Enclosures

Copies Furnished:

HQDA(DASG-PSP-E) 5111 Leesburg Pike, Falls Church, VA 22041-3250

2 cys w/encl

Director, USAMC Field Safety Activity, ATTN: AMXOS, Charlestown,
IN 47111-9669 w/encl

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 6
FOIA- 2006-0238

30-9 11 8-100 1001

HH/B IX30

Return Original to Region I

AMSEL-SF-RIR (AMCSF-P/9 September 1987) 1st End J. Furia/jac/44427
SUBJECT: Potential Loss of AN/UDM-2

Commander, U.S. Army Communications-Electronics Command and Fort Monmouth, Fort
Monmouth, NJ 07703-5000 28 September 1987

FOR: Commander U.S. Army Materiel Command, ATTN: AMCSF-P, 5001 Eisenhower
Avenue, Alexandria, VA 22333-0001

1. As requested in paragraph 3 of the basic correspondence, the following
information is provided regarding subject loss:

a. On or about 4 September 1987, the Cincinnati Police Department (CPD)
apprehended a suspect on charges of possession of burglary tools. Found in his
possession was a green metal case marked with several labels including CAUTION
RADIOACTIVE MATERIALS, CONTAINS Sr-Y 90, 200m Ci; PROPERTY OF U.S. Army; an
address label for Lexington-Blue Grass Army Depot (LBAD) and other markings
associated with the AN/UDM-2 Radiac Calibrator. The set was marked as serial
number 230.

b. The CPD contacted various federal agencies in and around Cincinnati for
assistance, which was refused. The CPD then contacted Mr. Kenneth Fritz
who is the radiation safety officer at the University of Cincinnati who visited
the CPD. Mr. Fritz conducted a radiological survey of the case and its
contents, laundry and tennis shoes belonging to the burglary suspect. Neither
the Dose Rate Assembly or Discharge Well Assembly were within the case.

c. Mr. Fritz noted that the case had several holes drilled in it (for the
assembly and well mounting screws) and feared that the radioactive materials had
been wrenched from the case and thrown away. Mr. Fritz contacted Region III,
U.S. Nuclear Regulatory Commission (NRC) to inform them of the incident, and
LBAD, who was identified on the case.

d. This office has carefully reviewed all records and finds that the case
in question was never delivered to the Army. The contractor for the
manufacturer of the AN/UDM-2 Radiac Calibrator, EON Corporation of Brooklyn, NY
filed for bankruptcy after delivery to the Army of only 393 out of 500
originally contracted calibrators. It is our understanding that the calibrator
containers not yet delivered to the Army were left in the various stages of
assembly at the EON Corporation production facility. EON Corporation
subsequently became the Alpha, Beta, Gamma Corporation which in turn became
bankrupt and was acquired as the Dosimeter Corporation of America, headquartered
in Cincinnati, OH.

2. This office has contacted both Region I and Region III of the NRC to report
and explain the facts of this case. At enclosures 1 through 5 are the records
of telephone conversations regarding this issue.

3. This office will provide, under separate cover, a letter to the NRC, Region
I outlining the events and requesting assistance in ensuring that no other cases

AMSEL-SF-RIR

SUBJECT: Potential Loss of AN/UDM-2

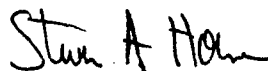
with radiation labels still affixed are released into the public domain.

4. Point of contact, this command is Mr. Joseph Furia, AV 995-4427.

5. MSE Fielding (19 Feb 88): Today is F-144.

FOR THE COMMANDER:

5 Encl



STEVEN A. HORNE
Chief, Safety Office

TELEPHONE OR VERBAL CONVERSATION RECORD

For use of this form, see AR 340-15; the proponent agency is The Adjutant General's Office.

DATE

8 September 1987

SUBJECT OF CONVERSATION

AN/UDM-2 Case found in Cincinnati, OH

INCOMING CALL		
PERSON CALLING	ADDRESS	PHONE NUMBER AND EXTENSION
PERSON CALLED	OFFICE	PHONE NUMBER AND EXTENSION

OUTGOING CALL		
PERSON CALLING	OFFICE	PHONE NUMBER AND EXTENSION
Joseph Furia	CECOM Safety	(201) 544-4427
PERSON CALLED	ADDRESS Region I	PHONE NUMBER AND EXTENSION
Dr. Edwin Wertz	Nuclear Regulatory Commission	(215) 337-5000

SUMMARY OF CONVERSATION:

Dr. Wertz was informed of the found AN/UDM-2 case, serial # 230, by the Cincinnati Police Department, and given the basic Army information as presented to Region III - NRC:

- 1) AN/UDM-2, SN 230 never delivered to Army
- 2) EON Corp was manufacturer - now bankrupt
- 3) EON became Dosimeter Corp of America
- 4) This is second incident of a case still having radiation and Army labels on it being found in the public domain

Dr Wertz was also informed that a full report would be forthcoming from the Army.

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DATE

8 September 1987

SUBJECT OF CONVERSATION

AN/UDM-2 Case found in Cincinnati, OH

INCOMING CALL

PERSON CALLING

M. David Scott

ADDRESS Rad. Protection Officer

Lexington-Blue Grass Army Depot

PHONE NUMBER AND EXTENSION

AV 745-3544

PERSON CALLED

Joseph Furia

OFFICE

CECOM Safety Office

PHONE NUMBER AND EXTENSION

AV 995-4427

OUTGOING CALL

PERSON CALLING

OFFICE

PHONE NUMBER AND EXTENSION

PERSON CALLED

ADDRESS

PHONE NUMBER AND EXTENSION

SUMMARY OF CONVERSATION:

Mr Scott called to inform CECOM that the Cincinnati Police Department was in possession of an AN/UDM-2 case, Serial #230, found in the public domain. He had been contacted and told that the case had been examined by the Radiation Safety Officer at the University of Cincinnati, Mr Kenneth Fritz, and found to not contain any sources. Also told that Mr Fritz was calling or had already called Region III-USNRC to report the incident. Mr Scott provided the following POCs:

Cincinnati PD - SGT Hilmer (513) 352-3580
 UofC RSO - Mr. Kenneth Fritz (513) 872-4115/4181

TELEPHONE OR VERBAL CONVERSATION RECORD

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8 September 1987

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AN/UDM-2 Case found in Cincinnati, OH

INCOMING CALL		
PERSON CALLING	ADDRESS	PHONE NUMBER AND EXTENSION
PERSON CALLED	OFFICE	PHONE NUMBER AND EXTENSION

OUTGOING CALL		
PERSON CALLING Joseph Furia	OFFICE CECOM Safety	PHONE NUMBER AND EXTENSION (201) 544-4427
PERSON CALLED SGT Hilmer	ADDRESS Property Office Cincinnati Police Dept	PHONE NUMBER AND EXTENSION (513) 352-3580

SUMMARY OF CONVERSATION:

Called SGT Hilmer to determine ~~the~~ how the Cincinnati PD came in possession of a UDM-2 case. Case is marked serial # 230, and has the CECOM label and a caution rad label listing isotope, activity and assay date.

Case was being carried by a burglary suspect arrested by the Cincinnati PD. Inside was the suspects laundry and sneakers. Case did not contain either a dose rate jig or well assembly. The PD contacted several agencies including USEPA and FEMA, however these organizations declined to offer assistance. The PD finally contacted and received assistance from Mr Kenneth Fritz, Radiation Safety Officer at the University of Cincinnati. Mr Fritz examined the case, made contact with M. David Scott, RPO at Lexington - Blue Grass Army Depot, and notified Region III, US NRC.

SGT Hilmer provided a name and description of the suspects, and indicated that the suspect's fingerprints were being sent to the FBI. SGT Hilmer agreed to forward to CECOM a copy of the arrest report and any other pertinent documents regarding the case.

NAME:
DOB:
SSN:
Height
Weight

EXL

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8 September 1987

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AN/UDM-2 Case found in Cincinnati, OH

INCOMING CALL		
PERSON CALLING	ADDRESS	PHONE NUMBER AND EXTENSION
PERSON CALLED	OFFICE	PHONE NUMBER AND EXTENSION

OUTGOING CALL		
PERSON CALLING Joseph Furia	OFFICE CECOM Safety	PHONE NUMBER AND EXTENSION (201) 544-4427
PERSON CALLED Kenneth Fritz	ADDRESS Rad. Safety Officer University of Cincinnati	PHONE NUMBER AND EXTENSION (513) 872-4115

SUMMARY OF CONVERSATION:

Mr. Fritz was contacted by the Cincinnati Police Department and examined an AN/UDM-2 case, SN: 230 which the PD acquired during the arrest of a burglary suspect. Mr Fritz stated that the case had no sources when he examined it, but he noticed several small holes in the case where a source could have been mounted. He stated that in his opinion, it appeared as though the sources could have been removed without tools, and feared that this is what had happened.

Mr Fritz contacted Region III - USNRC and spoke with both Mr Stanley Zasik and Darrel Wiedeman, who is Chief, Materials Section I and reported the found case and potential fear regarding the sources.

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AN/UDM-2 Case found in Cincinnati, OH

INCOMING CALL		
PERSON CALLING	ADDRESS	PHONE NUMBER AND EXTENSION
PERSON CALLED	OFFICE	PHONE NUMBER AND EXTENSION

OUTGOING CALL		
PERSON CALLING Joseph Furia	OFFICE CECOM Safety	PHONE NUMBER AND EXTENSION (201) 544-4427
PERSON CALLED Stanley Lasuk	ADDRESS Region III US Nuclear Regulatory Comm.	PHONE NUMBER AND EXTENSION (312) 790-5616

SUMMARY OF CONVERSATION:

Contacted Region III to present the Army's version of how the case came into the possession of the Cincinnati Police Department. Mr Lasuk took down the information on behalf of Darrell Wiedeman, Chief, Materials Section I. Mr Lasuk was told:

- 1) US Army Communications - Electronics Command has USNRC license for AN/UDM-2 Calibrators
- 2) Calibrators were manufactured by EON Corporation of New York.
- 3) EON Corp went bankrupt prior to delivery of all ordered calibrators
- 4) EON Corp. was reorganized as Dosimeter Corporation of America (DCA) with its headquarters in Cincinnati
- 5) Review of Army procurement records at CECOM and Lexington-Blue Grass Army Depot indicates that AN/UDM-2 Serial #230 was never delivered to the Army.

6) This is the second incident within the past year where an empty AN/UDM-2 case never delivered to the Army but with labels still affixed to it identifying the case as Army property and containing radioactive materials was found in the public domain.

Mr Lasuk requested CECOM send Mr Wiedeman a copy of our incident report which we file with Region I - USNRC.

REGION I
NMSS LICENSEE EVENT REPORT

License No. 29-01022-06

Docket No. 030-05248

MLER-RI-88- 024

I. ACTION CONTROL DATA

Licensee DEPARTMENT OF THE ARMY

Event Description potential loss of calibrator source

Event Date 9/4/87

Report Date 10/5/87

II. REPORTING REQUIREMENT

- 10 CFR 20.402 - theft or loss
- 10 CFR 20.403(a)(b) overexposure/release
- 10 CFR 20.405 - 30 day report
- Other _____
- 10 CFR 35.33 Therapeutic Misadministration
- 10 CFR 35.33 Diagnostic Misadministration
- License Condition

III. REGION I RESPONSE

- Immediate Site Inspection Inspector _____ Date _____
- Special Inspection Inspector _____ Date _____
- Telephone Inquiry Inspector _____ Date _____

Licensee Representative and Title _____

- PN Daily Report
- Information entered - Region I log and Outstanding Items List
- Review at next routine inspection

IV. REPORT EVALUATION

- Description of Event
- Levels of R/M involved
- Cause of Event
- Corrective Actions
- Calculation Adequate
- Letter to Licensee requesting additional information

Completed by: Elizabeth J. [Signature] Date 2/4/88

Reviewed by: [Signature] Date 2/5/88

V. SPECIAL INSTRUCTIONS OR COMMENTS

Telephone notification 9/8/87: labelled case had never contained a calibrator source.