

FOIA Resource

From: Ken Blankenship [kblankenship@jgdpc.com]
Sent: Thursday, December 10, 2009 2:56 PM
To: FOIA Resource
Subject: FOIA Request
Attachments: Events - 10.pdf

FOI/PA REQUEST
Case No.: 2010-0066
Date Rec'd: 12-10-09
Specialist: Norris
Related Case: _____

U.S. Nuclear Regulatory Commission
FOIA/Privacy Officer Mailstop: T-5 F09
Washington, DC 20555-0001

Re: FOIA Request

Dear Sir or Madam:

Pursuant to the federal Freedom of Information Act, 5 U.S.C. § 552, I request copies of any and all materials or documents, whether in hard copy or electronic form, of the following:

- 1) **Documents and materials associated with the attached ten (10) event records (Item Numbers 020873; 030806; 040772; 040857; 050384; 070511; 080095; 080311; 090431; and 090489).**

Such requested material includes, but is not limited to, memoranda, correspondence, letters, faxes, physical or electronic copies of electronic mail messages, reports, transmittals or communications, including inter-agency and intra-agency communications, statements, photographs, spreadsheets, lists, charts, diagrams, notes, data, sketches, or any other handwritten, typewritten, printed, recorded or graphic material of any kind or description whatsoever which reference the category of materials described above.

I would prefer to receive the information in electronic format; however, where this is not possible, I agree to pay reasonable duplication fees for the processing of this request in an amount not to exceed \$500.00. However, please notify me prior to your incurring any expenses in excess of that amount.

Regardless, please provide me with a statement of any estimated charges in advance of incurring any expenses.

If my request is denied in whole or part, I ask that all deletions supported by reference to specific exemptions of the Act and, regardless, that all segregable portions of otherwise exempt material be made available for inspection or copying. Lastly, I reserve the right to appeal any decision to withhold information or to deny a waiver of fees, if sought.

I look forward to your reply within 20 business days, as the statute requires, and I thank you for your assistance.

Ken Blankenship

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Full Report

08/31/2009

Item Number: 020873

Last Updated: 10/22/2002

Narrative:

The Metro Central landfill reported finding a deck marker in a load of trash. The deck marker was determined to contain Ra-226. No corrective actions were taken.

Event Date: 09/12/2001

Discovery Date: 09/12/2001

Report Date: 09/12/2001

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: METRO CENTRAL

NRC Docket Number: NA

City: PORTLAND

NRC Program Code: NA

State: OR Zip Code: NR

Responsible NRC Region: 4

Site of Event:

Site Name: PORTLAND

State: OR

Additional Involved Party:

License Number: NR

Name: NR

NRC Docket Number: NR

City: NR

NRC Program Code: NR

State: NR Zip Code: NR

Responsible NRC Region: NR

Other Information:

NRC Reportable Event: N

Abnormal Occurrence: N

Agreement State Reportable Event: Y

Investigation: Y

Atomic Energy Act Material: N

NMED Record Complete: Y

Consultant Hired: N

Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: NOT REPORTED

Old Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 NO CORRECTIVE ACTION TAKEN

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: NR Ci NR GBq

Model Number: NR

Serial Number: NR

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT LIGHT SOURCE

Model Number: NR

Manufacturer: NR

Serial Number: NR

Keywords:

LAS

MATERIAL FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
OR-01-101	09/17/2002		DCH	AGREEMENT STATE EVENT REPORT
LTR021021	10/22/2002		DCH	AGREEMENT STATE LETTER

Item Number: 030806

Last Updated: 10/09/2003

Narrative:

A Pennsylvania landfill reported that a load of municipal waste from Waste Management in Elizabeth, New Jersey set off their radiation monitor alarms. The waste was returned to Waste Management. A consultant was hired to isolate and identify the source. A three-inch reflector/dock marker containing approximately 0.48 GBq (13 mCi) of Ra-226 was identified. The source was packaged on-site and transported to the consultant's facility pending final disposal.

Event Date: 08/18/2003 Discovery Date: 08/18/2003 Report Date: 08/18/2003

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: NON-LICENSEE Name: WASTE MANAGEMENT
NRC Docket Number: NA City: ELIZABETH
NRC Program Code: NA State: NJ Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: ELIZABETH
State: NJ

Additional Involved Party:

License Number: NON-LICENSEE Name: NR
NRC Docket Number: NA City: NR
NRC Program Code: NA State: PA Zip Code: NR
Responsible NRC Region: 1

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: N Investigation: N
Atomic Energy Act Material: N NMED Record Complete: Y
Consultant Hired: Y Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: NOT REPORTED
Old Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE LUMINOUS Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR Activity: 0.013 Ci 0.481 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT LIGHT SOURCE Model Number: NR
Manufacturer: NR Serial Number: NR

Keywords:

LAS
MATERIAL FOUND
ORPHAN SOURCE
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: Entry Date: Retraction Date: Coder Initials: Reference Type:

LTR030902

10/09/2003

DCH

OTHER

Item Number: 040772

Last Updated: 12/01/2004

Narrative:

The York County Solid Waste Authority reported that a load of municipal waste set off their radiation monitor alarms. The vehicle was isolated and a Waste Authority representative performed contamination, dose rate, and isotopic evaluation surveys on the exterior of the vehicle. The dose rate at 5 cm from the surface of the vehicle was 0.32 mR/hour. The radioactive material was segregated from the waste and identified as luminous markers containing Ra-226, which were owned by the U.S. Army Corps of Engineers. There were 19 U.S. Radium Corporation markers and the dose rate on the aggregate was 20.1 mR/hour on contact, 1 mR/hour at 30 cm, and 0.112 mR/hour at one meter. No loose contamination was detected. The markers were secured and stored at the Waste Authority facility. The Army Corps of Engineers was contacted and took possession of the markers on 11/3/2004.

Event Date: 09/07/2004 **Discovery Date:** 09/07/2004 **Report Date:** 09/07/2004

Licensee/Reporting Party Information:

Agreement State Regulated:	NO	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	U.S. ARMY CORPS OF ENGINEERS
NRC Docket Number:	NA	City:	NR
NRC Program Code:	NA	State:	PA Zip Code: NR
Responsible NRC Region:	1		

Site of Event:

Site Name: YORK
State: PA

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	YORK COUNTY SOLID WASTE AUTHORITY
NRC Docket Number:	NA	City:	YORK
NRC Program Code:	NA	State:	PA Zip Code: NR
Responsible NRC Region:	1		

Other Information:

NRC Reportable Event:	N	Abnormal Occurrence:	N
Agreement State Reportable Event:	N	Investigation:	Y
Atomic Energy Act Material:	N	NMED Record Complete:	Y
Consultant Hired:	N	Event Closed by Region/State:	Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: MANAGEMENT DEFICIENCY
Old Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NO CORRECTIVE ACTION TAKEN

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE LUMINOUS Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: AGGREGATE

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT LIGHT SOURCE Model Number: NR
Manufacturer: U.S. RADIUM Serial Number: AGGREGATE

Keywords:

LAS
MATERIAL LOST AND FOUND
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
PA040005	11/01/2004		DCH	OTHER
PA040005A	12/01/2004		DCH	OTHER

Item Number: 040857

Last Updated: 01/13/2005

Narrative:

L. Gordon Iron and Metal reported that a truck load of scrap metal from Iredell County Solid Waste set off their radiation monitor alarms. The load was returned to Iredell County Solid Waste via CRCPD Exemption. Two health physicists visited the site on 12/1/2004 and identified the radioactive material as five military-type radioluminescent spot markers. Surveys of the markers revealed approximately 50,000 cpm beta/gamma and 4,000 cpm gamma. A portable spectroscopy device identified the radionuclide as Ra-226. The cause of the event was determined to be improper disposal. The markers were secured at the North Carolina Agency Office until they were picked up by the military.

Event Date: 11/04/2004 Discovery Date: 11/04/2004 Report Date: 11/04/2004

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	IREDELL COUNTY SOLID WASTE
NRC Docket Number:	NA	City:	STATESVILLE
NRC Program Code:	NA	State:	NC Zip Code: NR
Responsible NRC Region:	1		

Site of Event:

Site Name: STATESVILLE
State: NC

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	L. GORDON IRON AND METAL
NRC Docket Number:	NA	City:	STATESVILLE
NRC Program Code:	NA	State:	NC Zip Code: 28677
Responsible NRC Region:	1		

Other Information:

NRC Reportable Event:	N	Abnormal Occurrence:	N
Agreement State Reportable Event:	N	Investigation:	Y
Atomic Energy Act Material:	N	NMED Record Complete:	Y
Consultant Hired:	N	Event Closed by Region/State:	Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: MANAGEMENT DEFICIENCY
Old Cause: LOSS OF ADMINISTRATIVE CONTROL

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 EQUIPMENT RETURNED TO MANUFACTURER FOR REPAIR OR DISPOSAL

Source of Radiation:

LAS

Source Number:	1		
Source/Radioactive Material:	SEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV):	RA-226
Manufacturer:	NR	Activity:	NR Ci NR GBq
Model Number:	NA		
Serial Number:	NA		
Source Number:	2		
Source/Radioactive Material:	SEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV):	RA-226
Manufacturer:	NR	Activity:	NR Ci NR GBq
Model Number:	NA		
Serial Number:	NA		
Source Number:	3		
Source/Radioactive Material:	SEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV):	RA-226
Manufacturer:	NR	Activity:	NR Ci NR GBq
Model Number:	NA		
Serial Number:	NA		

Source Number: 4

Source/Radioactive Material: SEALED SOURCE LUMINOUS
Manufacturer: NR
Model Number: NA
Serial Number: NA

Radionuclide or Voltage (kVp/MeV): RA-226
Activity: NR Ci

NR GBq

Source Number: 5

Source/Radioactive Material: SEALED SOURCE LUMINOUS
Manufacturer: NR
Model Number: NA
Serial Number: NA

Radionuclide or Voltage (kVp/MeV): RA-226
Activity: NR Ci

NR GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT LIGHT SOURCE
Manufacturer: NR

Model Number: NR
Serial Number: NR

Device Number: 2

Device Name: RADIOLUMINESCENT LIGHT SOURCE
Manufacturer: NR

Model Number: NR
Serial Number: NR

Device Number: 3

Device Name: RADIOLUMINESCENT LIGHT SOURCE
Manufacturer: NR

Model Number: NR
Serial Number: NR

Device Number: 4

Device Name: RADIOLUMINESCENT LIGHT SOURCE
Manufacturer: NR

Model Number: NR
Serial Number: NR

Device Number: 5

Device Name: RADIOLUMINESCENT LIGHT SOURCE
Manufacturer: NR

Model Number: NR
Serial Number: NR

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
LTR041206	12/08/2004		DCH	AGREEMENT STATE LETTER
NC040039	12/08/2004		DCH	AGREEMENT STATE EVENT REPORT
NC040039A	01/13/2005		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 050384

Last Updated: 10/18/2006

Narrative:

A solid waste disposal facility in Richland, Pennsylvania, reported that a waste vehicle set off their radiation monitor alarms. The disposal facility isolated the vehicle and the Pennsylvania Bureau of Radiation Protection (BRP) evaluated the contents of the load. Dose rates on the outside of the vehicle were approximately 4 uSv/hour (0.4 mrem/hour). BRP staff identified one hundred or more radioluminescent parachute ripcord handles (one inch in diameter each). The radionuclide of concern was determined to be Ra-226. Dose rates on the aggregate quantity of ripcord handles were approximately 50 uSv/hour (5 mrem/hour). No removable contamination was identified. A private individual stated that the handles had been stored in an outbuilding on property he recently acquired. The individual discovered the handles while performing cleanup on the property. The individual contracted with a waste broker to dispose of the handles. The ripcords were transferred to the Army Corps of Engineers for proper disposal.

Event Date: 03/18/2005

Discovery Date: 03/18/2005

Report Date: 03/18/2005

Licensee/Reporting Party Information:

Agreement State Regulated: NO

Reciprocity: NONE

License Number: NON-LICENSEE

Name: PRIVATE INDIVIDUAL

NRC Docket Number: NA

City: RICHLAND

NRC Program Code: NA

State: PA Zip Code: NR

Responsible NRC Region: 1

Site of Event:

Site Name: RICHLAND

State: PA

Additional Involved Party:

License Number: NA

Name: NA

NRC Docket Number: NA

City: NA

NRC Program Code: NA

State: NA Zip Code: NA

Responsible NRC Region: NA

Other Information:

NRC Reportable Event: N

Abnormal Occurrence: N

Agreement State Reportable Event: N

Investigation: Y

Atomic Energy Act Material: N

NMED Record Complete: Y

Consultant Hired: N

Event Closed by Region/State: N

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: MANAGEMENT DEFICIENCY

Old Cause: QUALITY MANAGEMENT INADEQUATE

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: NR Ci

NR GBq

Model Number: NA

Serial Number: AGGREGATE

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT LIGHT SOURCE

Model Number: NA

Manufacturer: NR

Serial Number: AGGREGATE

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
PA050017	06/07/2005		DCH	OTHER
PA050017A	10/18/2006		DCH	OTHER

Coder Comments:

The Pennsylvania Department of Environmental Protection BRP stated that the event was closed by them, but they are an NRC regulated state. Therefore, we must wait until NRC closes the event before we can list it as closed by the region.

Item Number: 070511

Last Updated: 09/02/2008

Narrative:

Chemical Waste Management Incorporated (CWMI) reported that a load of municipal waste set off their radiation monitor alarms. CWMI used their Exploranium GR135 and tentatively identified the radionuclide as I-131. They provided the spectrum to the California Health and Human Services, who reviewed it and found that it was consistent with uranium. The California Health and Human Services contacted the DOE radionuclide spectrum triage group, who agreed that the spectrum probably represented uranium. CWMI sorted the load and isolated the radioactive material for final identification. A floating rope marker containing 0.37 MBq (10 uCi) of Ra-226 was identified. The U.S. Navy acknowledged that this was their item and will retrieve it from the landfill for proper disposal.

Event Date: 07/25/2007

Discovery Date: 07/25/2007

Report Date: 07/25/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: CHEMICAL WASTE MANAGEMENT, INC.

NRC Docket Number: NA

City: KETTLEMAN CITY

NRC Program Code: NA

State: CA Zip Code: NR

Responsible NRC Region: 4

Site of Event:

Site Name: KETTLEMAN CITY

State: CA

Additional Involved Party:

License Number: NA

Name: NA

NRC Docket Number: NA

City: NA

NRC Program Code: NA

State: NA Zip Code: NA

Responsible NRC Region: NA

Other Information:

NRC Reportable Event: N

Abnormal Occurrence: N

Agreement State Reportable Event: Y

Investigation: Y

Atomic Energy Act Material: N

NMED Record Complete: Y

Consultant Hired: N

Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: UNSEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: 0.00001 Ci 0.00037 GBq

Model Number: NA

Serial Number: NA

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT LIGHT SOURCE

Model Number: NA

Manufacturer: NR

Serial Number: NA

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: Entry Date: Retraction Date: Coder Initials: Reference Type:

CA-XCA1143	08/13/2007	DCH	AGREEMENT STATE EVENT REPORT
LTR071113	11/14/2007	DCH	AGREEMENT STATE LETTER
LTR080820	09/02/2008	DCH	AGREEMENT STATE LETTER

Narrative:

Parks Garbage Service reported that a roll-off garbage truck set off their radiation monitor alarms on 10/17/2007. A radiation survey of the vehicle revealed 0.6 mR/hour on the underside of the roll-off, using a Ludlum 3/44-9 pancake GM probe. The roll-off was placed in a designated area and the radionuclide was identified as Ra-226, using gamma spectroscopy. On 10/15/2007, the roll-off was unloaded and a wire approximately 60 inches long and 0.25 inches thick was found and isolated. The wire was covered with thick brown plastic tubing and had a brass spring clip at one end. It was believed to have been used in the military during work in dark spaces. A wipe of the wire produced no removable contamination. The dose rate was measured with the Ludlum 3/44-9 to be 20 mR/hour at 5 cm and 0.7 mR/hour at 30 cm. The activity was estimated to be 2.96 MBq (80 uCi). The wire was double bagged and placed in a 5-gallon bucket, shielded with sand, and stored in a secure area pending disposal. The wire was shipped by the U.S. Army to EMC in Turlock, California on 1/12/2008.

Event Date: 10/12/2007 Discovery Date: 10/12/2007 Report Date: 10/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: NON-LICENSEE Name: PARKS GARBAGE SERVICE
NRC Docket Number: NA City: MOUNT UNION
NRC Program Code: NA State: PA Zip Code: 17066
Responsible NRC Region: 1

Site of Event:

Site Name: MOUNT UNION
State: PA

Additional Involved Party:

License Number: NA Name: NA
NRC Docket Number: NA City: NA
NRC Program Code: NA State: NA Zip Code: NA
Responsible NRC Region: NA

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: N Investigation: Y
Atomic Energy Act Material: N NMED Record Complete: Y
Consultant Hired: N Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE LUMINOUS Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR Activity: 0.00008 Ci 0.00296 GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT LIGHT SOURCE Model Number: NA
Manufacturer: NR Serial Number: NA

Keywords:

LAS
MATERIAL FOUND
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
PA070022	02/19/2008		DCH	OTHER

Item Number: 080311

Last Updated: 06/03/2008

Narrative:

L. Gordon Iron and Metal reported that a truckload of scrap metal, to be shipped from their facility, set off the radiation monitor alarms upon exiting. The load was stopped and sorted. A military radioluminescent deck marker was identified that contained an estimated 0.19 MBq (5 uCi) of Ra-226. The deck marker will be picked up by the military for disposal.

Event Date: 05/06/2008

Discovery Date: 05/06/2008

Report Date: 05/06/2008

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: L. GORDON IRON AND METAL

NRC Docket Number: NA

City: STATESVILLE

NRC Program Code: NA

State: NC Zip Code: 28677

Responsible NRC Region: 1

Site of Event:

Site Name: STATESVILLE

State: NC

Additional Involved Party:

License Number: NA

Name: NA

NRC Docket Number: NA

City: NA

NRC Program Code: NA

State: NA Zip Code: NA

Responsible NRC Region: NA

Other Information:

NRC Reportable Event: Y

Abnormal Occurrence: N

Agreement State Reportable Event: Y

Investigation: Y

Atomic Energy Act Material: Y

NMED Record Complete: Y

Consultant Hired: N

Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: 0.000005 Ci 0.000185 GBq

Model Number: NA

Serial Number: NA

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT LIGHT SOURCE

Model Number: NA

Manufacturer: NR

Serial Number: NA

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(ii) - Lost, stolen, or missing licensed material in a quantity greater than 10 times the Appendix C quantities.

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL
REVISED BYPRODUCT MATERIAL DEFINITION

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
NC080020	06/03/2008		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 090431

Last Updated: 04/06/2009

Narrative:

Northeast Metal Traders reported that a tractor trailer from Metro Reusit set off their radiation monitor alarms on 9/13/2007. The load was returned to Metro Reusit on 9/4/2007 and surveyed by Maryland agreement state staff. Two items containing small quantities of Ra-226 were identified. The items included a 14-inch diameter scale and a brass name plate from the USS Rathbourne. Contact radiation readings of 10.2 and 3 mR/hour were respectively found. The two items were transported to the University of Maryland for safe storage pending disposal.

Event Date: 09/13/2007

Discovery Date: 09/13/2007

Report Date: 09/13/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: METRO REUSIT

NRC Docket Number: NA

City: HYATTSVILLE

NRC Program Code: NA

State: MD Zip Code: NR

Responsible NRC Region: NR

Site of Event:

Site Name: HYATTSVILLE

State: MD

Additional Involved Party:

License Number: NON-LICENSEE

Name: NORTHEAST METAL TRADERS

NRC Docket Number: NA

City: PHILADELPHIA

NRC Program Code: NA

State: PA Zip Code: 19136

Responsible NRC Region: 1

Other Information:

NRC Reportable Event: N

Abnormal Occurrence: N

Agreement State Reportable Event: N

Investigation: Y

Atomic Energy Act Material: N

NMED Record Complete: Y

Consultant Hired: N

Event Closed by Region/State: Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: UNSEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: NR Ci NR GBq

Model Number: NA

Serial Number: NA

Source Number: 2

Source/Radioactive Material: UNSEALED SOURCE LUMINOUS

Radionuclide or Voltage (kVp/MeV): RA-226

Manufacturer: NR

Activity: NR Ci NR GBq

Model Number: NA

Serial Number: NA

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT DIAL

Model Number: NA

Manufacturer: NR

Serial Number: NA

Device Number: 2

Device Name: RADIOLUMINESCENT LIGHT SOURCE

Model Number: NA

Manufacturer: NR

Serial Number: NA

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

REVISED BYPRODUCT MATERIAL DEFINITION

References:

Reference Number: **Entry Date:** **Retraction Date:** **Coder Initials:** **Reference Type:**

MD090001

04/06/2009

DCH

AGREEMENT STATE EVENT REPORT

Item Number: 090489

Last Updated: 08/05/2009

Narrative:

A private individual reported that a load of his scrap metal set off the radiation monitor alarms at a scrap metal recycling facility on 5/7/2009. A representative from the Colorado Department of Health went to the private individual's site to investigate on 5/8/2009. After sifting through the pile of scrap metal, a Ra-226 light source was found. The source was two inches in diameter, 0.25 inches thick, and had a glass face. The back of the source was stamped with "USRC, UNDARK, 22M-TTR58, Poison Inside" and "1-45." The source was reading approximately 350 uSv/hour (35 mrem/hour) on contact and 3 uSv/hour (0.3 mrem/hour) at one foot. No removable contamination was detected by wipe test. The private individual, who was cleaning out an old building on the property, did not know where the source came from. The source was stored inside a locked, empty building on the property pending disposition. The Joint Munitions Command was contacted and the Army agreed to take back the source. It was sent to the Rock Island Arsenal, ACERT Field Service Facility, in Illinois on 6/9/2009. The activity of the source was estimated to be between 0.56 and 1.11 MBq (15 and 30 uCi).

Event Date: 05/07/2009

Discovery Date: 05/07/2009

Report Date: 05/07/2009

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	PRIVATE INDIVIDUAL
NRC Docket Number:	NA	City:	DENVER
NRC Program Code:	NA	State:	CO Zip Code: NR
Responsible NRC Region:	4		

Site of Event:

Site Name: DENVER
State: CO

Additional Involved Party:

License Number:	NA	Name:	NA
NRC Docket Number:	NA	City:	NA
NRC Program Code:	NA	State:	NA Zip Code: NA
Responsible NRC Region:	NA		

Other Information:

NRC Reportable Event:	Y	Abnormal Occurrence:	N
Agreement State Reportable Event:	Y	Investigation:	Y
Atomic Energy Act Material:	Y	NMED Record Complete:	Y
Consultant Hired:	N	Event Closed by Region/State:	Y

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: OTHER

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 MATERIAL DISPOSED OF AS WASTE

Source of Radiation:

LAS

Source Number:	1	Radionuclide or Voltage (kVp/MeV):	RA-226
Source/Radioactive Material:	UNSEALED SOURCE LUMINOUS	Activity:	0.00003 Ci 0.00111 GBq
Manufacturer:	U.S. RADIUM		
Model Number:	NA		
Serial Number:	NA		

Device/Associated Equipment:

LAS

Device Number:	1	Model Number:	22M-TTR58
Device Name:	RADIOLUMINESCENT LIGHT SOURCE	Serial Number:	1-45
Manufacturer:	U.S. RADIUM		

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(ii) - Lost, stolen, or missing licensed material in a quantity greater than 10 times the Appendix C quantities.

Keywords:

LAS

MATERIAL FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

REVISED BYPRODUCT MATERIAL DEFINITION

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN45054	05/14/2009		DCH	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
LTR090518	05/20/2009		DCH	AGREEMENT STATE LETTER
LTR090714	07/15/2009		DCH	AGREEMENT STATE LETTER
CO09-109-11	08/05/2009		DCH	AGREEMENT STATE EVENT REPORT

Coder Comments:

The 22M-TTR58 is a light source that was attached to the back of the Army or Marine squad leader's helmet or back pack so he could be identified from behind at night. It was a "follow me" marker. Before radioactivity was identified as such a product, they were simply referred to as "poison."