

Full Report

05/30/2008

Item Number: 070062

Last Updated: 04/25/2007

Narrative:

Schnitzer Steel reported that an incoming load of scrap steel set off their radiation monitor alarms. Because the radiation readings were unusually high, Washington Department of Health staff were immediately dispatched to the site for investigation. Four items of various materials, configurations, and sizes were separated from the load. Some of the items had been wrapped in sheet lead. Inspectors measured from 0.6 to 80 mR/hour with an open beta window, ion-chamber survey meter. A waste disposal company was contacted to assure control of the materials for disposal. The radionuclides, origins of the items, and other details were investigated. Several items were identified that contained Ra-226 with an estimated total activity of 3 MBq (81 uCi). The items included a black coil, a large sandwich of asbestos/wood/metal, a folded steel sheet, a hook, cable, four guides, and a cylinder. Extensive investigation identified no licensee/owner. Schnitzer Steel arranged for proper disposal of the radioactive items.

Event Date: 01/24/2007

Discovery Date: 01/24/2007

Report Date: 01/24/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE		
License Number:	NR	Name:	NR		
NRC Docket Number:	NR	City:	NR		
NRC Program Code:	NR	State:	WA	Zip Code:	NR
Responsible NRC Region:	4				

Site of Event:

Site Name: TACOMA
State: WA

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	SCHNITZER STEEL		
		City:	TACOMA		
		State:	WA	Zip Code:	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:	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: UNSEALED SOURCE OTHER
Manufacturer: NR
Model Number: NA
Serial Number: AGGREGATE

Radionuclide or Voltage (kVp/MeV): RA-226
Activity: 0.000081 Ci 0.002997 GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: CONTAMINATED METAL, SCRAP
Manufacturer: NR

Model Number: NA
Serial Number: AGGREGATE

Keywords:

LAS

A-1

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43120	01/30/2007		DCH	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE.
WA-07-005	01/30/2007		DCH	AGREEMENT STATE EVENT REPORT
WA-07-005A	04/25/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070086

Last Updated: 02/14/2007

Narrative:

Gerdau Ameristeel reported that a railcar (#JETX-018) from Regional Recycling set off their radiation monitor alarms and was rejected. The INL has requested additional information for this event.

Event Date: 01/04/2007 Discovery Date: 01/04/2007 Report Date: 01/04/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: REGIONAL RECYCLING
NRC Docket Number: NA	City: ATLANTA
NRC Program Code: NA	State: GA Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: ATLANTA
State: GA

Additional Involved Party:

License Number: NON-LICENSEE	Name: GERDAU AMERISTEEL
	City: CARTERSVILLE
	State: GA Zip Code: NR

Other Information:

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

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 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1		
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): NR	
Manufacturer: NR	Activity: NR Ci	NR GBq
Model Number: NA		
Serial Number: NA		

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name: CONTAMINATED METAL, SCRAP	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:
GA-2007-011	02/14/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070087

Last Updated: 02/14/2007

Narrative:

Gerda Ameristeel reported that two railcars from Georgia & Florida Rail Line set off their radiation monitor alarms and were rejected. Those to railcars were returned to Georgia & Florida Rail Line under DOT Exemptions TN-GA-07-01 and TN-GA-07-02. The INL has requested additional information for this event.

Event Date: 01/11/2007

Discovery Date: 01/11/2007

Report Date: 01/11/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: GEORGIA & FLORIDA RAIL LINE
NRC Docket Number: NA	City: ALBANY
NRC Program Code: NA	State: GA Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: ALBANY
State: GA

Additional Involved Party:

License Number: NON-LICENSEE	Name: GERDAU AMERISTEEL
	City: JACKSON
	State: TN Zip Code: NR

Other Information:

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

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 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1			
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): NR		
Manufacturer: NR	Activity: NR Ci		NR GBq
Model Number: NA			
Serial Number: NA			

Source Number: 2			
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): NR		
Manufacturer: NR	Activity: NR Ci		NR GBq
Model Number: NA			
Serial Number: NA			

Device/Associated Equipment:

LAS

Device Number: 1			
Device Name: CONTAMINATED METAL, SCRAP	Model Number: NA		
Manufacturer: NR	Serial Number: NA		

Device Number: 2			
Device Name: CONTAMINATED METAL, SCRAP	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:
GA-2007-02I	02/14/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070088

Last Updated: 02/14/2007

Narrative:

Gerda Ameristeel reported that a truck/trailer transporting scrap metal from Oconee Metals set off their radiation monitor alarms and was rejected. DOT Exemption GA-GA-07-02 was issued on 1/26/2007 and the load was returned. On 1/29/2007, Georgia Environmental Radiation Program personnel surveyed the scrap metal at Oconee Metals and identified two large pieces of metal with slag/scale residue on their external surfaces. Radiation surveys using a Ludlum Model 19 revealed readings of 15 to 20 uR/hour. It was determined that the two pieces of metal were used in an aluminum melting facility. The radionuclide was identified as Th-232 using an Exploranium GR-135. They believe that the Th-232 is more than likely due to residue from refractory material/lining. Oconee Metals management was advised to dispose of the refractory material as exempt from the rules and regulations.

Event Date: 01/26/2007 Discovery Date: 01/26/2007 Report Date: 01/26/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: OCONEE METALS RECYCLING
NRC Docket Number: NA City: COVINGTON
NRC Program Code: NA State: GA Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: COVINGTON
State: GA

Additional Involved Party:

License Number: NON-LICENSEE Name: GERDAU AMERISTEEL
City: CARTERSVILLE
State: GA Zip Code: NR

Other Information:

NRC Reportable Event: N 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
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: UNSEALED SOURCE NORM Radionuclide or Voltage (kVp/MeV): TH-232
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP 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:

Narrative:

The Environmental Protection Agency (EPA) reported that a Metorex x-ray fluorescence analyzer (model X-Met 880, serial #144216) containing radioactive sources was inadvertently sent to the Maser Canada, Incorporated, recycling facility in Barrie, Ontario, Canada. The device contained a 3.7 GBq (100 mCi) Cm-244 source (serial #1951LM) and a 1.11 GBq (30 mCi) Am-241 source (serial #2765LX). The device was purchased in 1990 by Roy F. Weston Corporation, an EPA contractor, and had been stored in a secured warehouse in Edison, New Jersey, since approximately 1995. The EPA thought that the sources had been removed, so the device was shipped with other equipment to the recycling facility on 12/18/2006. The EPA was notified on 2/16/2007 that the radioactive sources were still contained in the device. Maser Canada placed the device in secure storage pending the return of the device. The device was returned to the EPA, after which it was shipped to the manufacturer for disposal. The cause of the incident was inadequate procedures to keep track of equipment with radioactive sources brought onsite by contractors. Corrective actions included changing language in contracts to require contractors to notify the EPA if any of the equipment contains radioactive material. An inventory of all equipment at the warehouse determined that there was no other radioactive material.

Event Date: 12/18/2006 Discovery Date: 02/16/2007 Report Date: 02/20/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: GENERAL LICENS Name: ENVIRONMENTAL PROTECTION AGENCY
NRC Docket Number: 99990001 City: EDISON
NRC Program Code: NR State: NJ Zip Code: 08837
Responsible NRC Region: 1

Site of Event:

Site Name: EDISON
State: NJ

Additional Involved Party:

License Number: NON-LICENSEE Name: MASER CANADA, INC.
City: BARRIE, ONTARIO
State: CN Zip Code: NR

Other Information:

NRC Reportable Event: Y Abnormal Occurrence: N
Agreement State Reportable Event: N 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: DEFECTIVE OR INADEQUATE PROCEDURE
Old Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 PROCEDURE MODIFIED

Source of Radiation:

LAS

Source Number: 1
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): CM-244
Manufacturer: NR Activity: 0.1 Ci 3.7 GBq
Model Number: NR
Serial Number: 1951LM

Source Number: 2
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): AM-241
Manufacturer: NR Activity: 0.03 Ci 1.11 GBq
Model Number: NR
Serial Number: 2765LX

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: FLUORESCENCE ANALYZER
Manufacturer: METOREX CORP.

Model Number: XMET 880
Serial Number: 144216

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND FOUND
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL
TRILATERAL TO CANADA

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43176	02/23/2007		RLS	EVENT NOTIFICATION
LTR070809	08/09/2007		DCH	NRC LETTER
ML072110096	10/10/2007		RLS	LICENSEE REPORT
ML072110096	10/10/2007		RLS	REGION REPORT

Item Number: 070113

Last Updated: 02/27/2007

Narrative:

CMC reported finding a vehicle panel with Ra-226 dials. Tag R-001 was issued and the State inspector impounded the panel. It was determined that the radium paint in the panel dials totaled an activity of approximately 61.9 kBq (1.672 uCi).

Event Date: 01/04/2007 Discovery Date: 01/04/2007 Report Date: 01/04/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: CMC
NRC Docket Number: NA	City: JACKSONVILLE
NRC Program Code: NA	State: FL Zip Code: 32254
Responsible NRC Region: 1	

Site of Event:

Site Name: JACKSONVILLE
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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
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: UNSEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV): RA-226	
Manufacturer: NR	Activity: 0.000001672 Ci	6.1864E-05 GBq
Model Number: NA		
Serial Number: AGGREGATE		

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name: RADIOLUMINESCENT DIAL	Model Number: NA	
Manufacturer: NR	Serial Number: AGGREGATE	

Keywords:

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

References:

Reference Number: FL07-003	Entry Date: 02/27/2007	Retraction Date:	Coder Initials: DCH	Reference Type: AGREEMENT STATE EVENT REPORT
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Item Number: 070115

Last Updated: 02/27/2007

Narrative:

A roll off container from the licensee's facility set off the radiation monitor alarms at Trade Mark Metals. The container was rejected and returned to the licensee. At least two General Electric generator gas monitor systems were identified as containing 0.56 MBq (15 uCi) of Th-232, each. They were used to detect hydrogen gas in the steam flow to electrical generator turbines. The licensee will properly dispose of the devices.

Event Date: 01/29/2007

Discovery Date: 01/29/2007

Report Date: 01/30/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: FL-1091-3	Name: FLORIDA POWER & LIGHT
NRC Docket Number: NA	City: WEST PALM BEACH
NRC Program Code: NA	State: FL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: WEST PALM BEACH
State: FL

Additional Involved Party:

License Number: NON-LICENSEE	Name: TRADE MARK METALS
	City: RIVIERA BEACH
	State: FL Zip Code: NR

Other Information:

NRC Reportable Event: N	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: MANAGEMENT DEFICIENCY
Old Cause: LOSS OF ADMINISTRATIVE CONTROL

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE GAUGE	Radionuclide or Voltage (kVp/MeV): TH-232
Manufacturer: NR	Activity: 0.000015 Ci 0.000555 GBq
Model Number: NR	
Serial Number: NR	

Source Number: 2

Source/Radioactive Material: SEALED SOURCE GAUGE	Radionuclide or Voltage (kVp/MeV): TH-232
Manufacturer: NR	Activity: 0.000015 Ci 0.000555 GBq
Model Number: NR	
Serial Number: NR	

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: GAUGE FIXED	Model Number: NR
Manufacturer: GENERAL ELECTRIC	Serial Number: NR

Device Number: 2
Device Name: GAUGE FIXED
Manufacturer: GENERAL ELECTRIC

Model Number: NR
Serial Number: NR

Keywords:

LAS

MATERIAL LOST AND FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
FL07-013	02/27/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070117

Last Updated: 09/17/2007

Narrative:

A shipment of scrap aluminum from Adams Steel set off the radiation monitor alarms and was rejected by a port in China. The container was returned to the Port of Long Beach and arrived on 2/7/2007. DOT Exemption CA-CA-07-07 was issued and the container was shipped to Adams Steel. A California Department of Health Services inspector surveyed the load and identified a piece of depleted uranium that weighed approximately 8.5 pounds and was the size of a large fist. There were no markings or labels on the material. Using an Exploranium, the highest radiation reading was 5 uSv/hour (500 urem/hour) on contact. Adams Steel will contract with Thomas Grey and Associates for disposal.

Event Date: 01/30/2007

Discovery Date: 01/30/2007

Report Date: 01/30/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	ADAMS STEEL
NRC Docket Number:	NA	City:	ANAHEIM
NRC Program Code:	NA	State:	CA Zip Code: 92806
Responsible NRC Region:	4		

Site of Event:

Site Name: ANAHEIM
State: CA

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	NR
		City:	NR
		State:	CH Zip Code: 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
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	Radionuclide or Voltage (kVp/MeV):	U-DEP
Source/Radioactive Material:	UNSEALED SOURCE OTHER	Activity:	NR Ci NR GBq
Manufacturer:	NR		
Model Number:	NA		
Serial Number:	NA		

Device/Associated Equipment:

LAS

Device Number:	1	Model Number:	NA
Device Name:	METAL, DEPLETED URANIUM	Serial Number:	NA
Manufacturer:	NR		

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
CA-XCA1068	02/28/2007		DCH	AGREEMENT STATE EVENT REPORT
CA-XCA1068A	02/28/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070913	09/17/2007		DCH	AGREEMENT STATE LETTER

Narrative:

Sims Hugo Neu reported finding a Kr-85 source during metal sorting activities at their facility in Jersey City, New Jersey. The source was contained in an Ohmart Corporation source housing/fixing gauge (model BAL, serial #2862BX) and had an activity of 2.41 GBq (65 mCi) in October 1994. The activity of the source at the time of discovery was approximately 1.07 GBq (29 mCi). Sims Hugo Neu received the scrap metal from a "feeder facility". The New Jersey Department of Environmental Protection and NRC Region I identified the owner of the gauge as General Vy-Coat (aka General Foam Corporation), via the serial number. It was determined that the licensee was ending operations and gutting their building. General Vy-Coat sent the source/holder to Sims Hugo Neu as scrap. The source/holder was returned to General Vy-Coat and an NRC inspection was conducted on 3/13/2007. General Vy-Coat will continue to shut down operations and will properly dispose of all licensed material through authorized vendors.

Event Date: 03/01/2007 Discovery Date: 03/01/2007 Report Date: 03/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: GENERAL LICENS Name: GENERAL VY-COAT
NRC Docket Number: 99990001 City: CARLSTADT
NRC Program Code: NA State: NJ Zip Code: 07072
Responsible NRC Region: 1

Site of Event:

Site Name: CARLSTADT
State: NJ

Additional Involved Party:

License Number: NON-LICENSEE Name: SIMS HUGO NEU
City: JERSEY CITY
State: NJ Zip Code: NR

Other Information:

NRC Reportable Event: Y Abnormal Occurrence: N
Agreement State Reportable Event: N 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: MANAGEMENT DEFICIENCY
Old Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 IMPROVE RADIOACTIVE MATERIAL LABELING AND HANDLING

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): KR-85
Manufacturer: NR Activity: 0.029 Ci 1.073 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: GAUGE FIXED Model Number: BAL
Manufacturer: OHMART CORP. Serial Number: 2862BX

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43205	03/05/2007		RLS	EVENT NOTIFICATION
LTR071109	11/12/2007		DCH	NRC LETTER

Item Number: 070132

Last Updated: 09/10/2007

Narrative:

Miller Compressing, a scrap metal recycler, reported finding a Troxler moisture/density gauge (model 3411, serial #4942) on 2/22/2007 in a load of scrap at their facility in Milwaukee, Wisconsin. The gauge contained an Am-Be source (serial #CAA-1031) and a Cs-137 source (serial #CC-1968) with activities of 1.48 GBq (40 mCi) and 0.33 GBq (8.9 mCi), respectively, as of 9/5/1977. The shipping container was damaged, but the gauge was intact. Miller Compressing stored the gauge onsite in a locked location pending resolution. The gauge was originally distributed to an Illinois licensee in 1977. The Wisconsin Radiation Protection Section, the Illinois Emergency Management Agency, and Troxler Electronic Labs attempted to identify the owner of the gauge. The serial number does not match any gauge currently reported as lost or stolen. Following a satisfactory leak test, the gauge was transferred to a licensed service provided for disposal.

Event Date: 02/22/2007

Discovery Date: 02/22/2007

Report Date: 02/22/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NR

Name: NR

NRC Docket Number: NR

City: NR

NRC Program Code: NA

State: WI Zip Code: NR

Responsible NRC Region: 3

Site of Event:

Site Name: MILWAUKEE

State: WI

Additional Involved Party:

License Number: NON-LICENSEE

Name: MILLER COMPRESSING

City: MILWAUKEE

State: WI Zip Code: NR

Other Information:

NRC Reportable Event: Y

Abnormal Occurrence: N

Agreement State Reportable Event: Y

Investigation: Y

Atomic Energy Act Material: Y

NMED Record Complete: N

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 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE GAUGE

Radionuclide or Voltage (kVp/MeV): AM-BE

Manufacturer: NR

Activity: 0.04 Ci 1.48 GBq

Model Number: NR

Serial Number: CAA-1031

Source Number: 2

Source/Radioactive Material: SEALED SOURCE GAUGE

Radionuclide or Voltage (kVp/MeV): CS-137

Manufacturer: NR

Activity: 0.0089 Ci 0.3293 GBq

Model Number: NR

Serial Number: CC-1968

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: GAUGE PORTABLE

Model Number: 3411

Manufacturer: TROXLER

Serial Number: 4942

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43206	03/07/2007		RLS	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
WI070005	05/04/2007		DCH	AGREEMENT STATE EVENT REPORT
WI070005A	09/10/2007		DCH	AGREEMENT STATE EVENT REPORT

Narrative:

Stateline Scrap reported receiving a returned load of scrap metal from C&C Scrap. Stateline located a device with a radiation survey meter and levels were stated to be 50 mR/hour (no distance provided). A health physicist from the State responded to the site on 3/2/2007. Radiation surveys revealed 30 mR/hour at one meter from the front of the device. The device was determined to be a Mahlo America gauge (model TMA) and the shutter appeared to be in the open position. The label was partially defaced and the serial number could not be identified. It was determined that the gauge was purchased from Mahlo GmbH and Company in Germany, who manufactured textile equipment. The Mahlo GmbH model number is FMIR-1 610/12. The source holder is a model 610/61 and contained a Kr-85 source (Amersham model KR-4) with an original activity of 3.7 GBq (100 mCi). The model number was traced to three American companies that purchased this type of gauge. However, since the gauge serial number cannot be read, the State could not determine with absolute certainty who owned the gauge. The manufacturer was contacted and could not identify the owner of the gauge. The gauge was secured on-site pending final disposition. See NMED Item 070285 for a related event.

Event Date: 02/21/2007 Discovery Date: 02/21/2007 Report Date: 03/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NR Name: NR
NRC Docket Number: NA City: NR
NRC Program Code: NA State: NC Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: GASTONIA
State: NC

Additional Involved Party:

License Number: NON-LICENSEE Name: STATELINE SCRAP
City: GASTONIA
State: NC Zip Code: 28052

Other Information:

NRC Reportable Event: Y Abnormal Occurrence: N
Agreement State Reportable Event: Y Investigation: Y
Atomic Energy Act Material: Y NMED Record Complete: N
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 GAUGE Radionuclide or Voltage (kVp/MeV): KR-85
Manufacturer: AMERSHAM Activity: 0.1 Ci 3.7 GBq
Model Number: KR-4
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: GAUGE FIXED Model Number: FMIR-1 610/12
Manufacturer: MAHLO GMBH & CO. Serial Number: NR

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43213	03/08/2007		RLS	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
LTR070510	05/10/2007		DCH	AGREEMENT STATE LETTER
NC070007	05/10/2007		DCH	AGREEMENT STATE EVENT REPORT
NC070007A	06/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Narrative:

Kantner Iron and Steel reported that a load of scrap from their facility triggered the radiation monitor alarms at a scrap metal recycling facility in Koppel, Pennsylvania. DOT Exemption PA-PA-07-05 was issued and the truck returned to Kantner, where the source of radiation was determined to be a TN Technologies fixed gauge (model 5191, serial #B927) containing a Cs-137 source with an activity of 7.4 GBq (200 mCi) as of June 1977. Field testing indicated that the source was intact and no radioactive contamination was present. This model gauge has no shutter, and radiation surveys at the exit port indicated 400 mR/hr. A health physics contractor used lead shielding to cover the exit port, reducing the dose rate at the surface of the shielding to 25 mR/hr (2 mR/hr at 30 cm). The gauge was placed in a drum and locked in a secured location at Kantner. TN Technologies was contacted and determined that the gauge was purchased by RAPCO, Incorporated, in 1977. However, no known company by that name could be found. Kantner was unable to determine the vendor that delivered the gauge to them. The Conference of Radiation Control Program Directors (CRCPD) arranged with a broker to package the gauge for transport and found a company willing to accept the gauge. On 7/6/2007, the gauge was shipped to an authorized recipient. Kantner purchased radiation monitors to minimize the likelihood of radioactive material entering the scrap yard.

Event Date: 03/14/2007 Discovery Date: 03/14/2007 Report Date: 03/14/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: GENERAL LICENS Name: RAPCO INC.
NRC Docket Number: NA City: KINGSPORT
NRC Program Code: NA State: TN Zip Code: 37664
Responsible NRC Region: 1

Site of Event:

Site Name: HOOVERSVILLE
State: PA

Additional Involved Party:

License Number: NON-LICENSEE Name: KANTNER IRON AND STEEL
City: HOOVERSVILLE
State: PA Zip Code: 15936

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: Y Event Closed by Region/State: N

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: MANAGEMENT DEFICIENCY

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 IMPROVE RADIOACTIVE MATERIAL LABELING AND HANDLING

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: THERMO MEASURETECH Activity: 0.2 Ci 7.4 GBq
Model Number: 57157C
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: GAUGE FIXED Model Number: 5191
Manufacturer: TN TECHNOLOGY Serial Number: B927

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43248	03/20/2007		DCH	EVENT NOTIFICATION
ML072210078	08/20/2007		RLS	INSPECTION REPORT
ML072210078	08/20/2007		RLS	NRC LETTER
ML072210468	08/20/2007		RLS	OTHER
ML072210573	08/20/2007		RLS	OTHER
ML072210582	08/20/2007		RLS	OTHER
ML072210728	08/20/2007		RLS	OTHER
ML072210738	08/20/2007		RLS	OTHER
ML072210755	08/20/2007		RLS	OTHER
ML072210763	08/20/2007		RLS	OTHER
ML072250541	08/20/2007		RLS	OTHER
ML072260137	08/20/2007		RLS	OTHER
ML072260155	08/20/2007		RLS	CONSULTANT REPORT

Item Number: 070154

Last Updated: 03/20/2007

Narrative:

AmeriSteel reported that a load of scrap metal from Kings Mountain Scrap set off their radiation monitor alarms. The load was surveyed by AmeriSteel personnel and a military vehicle instrument cluster was identified as being radioactive. Those clusters are self-luminous and typically contain Ra-226. The instrument cluster was secured on-site pending pickup by the military.

Event Date: 02/15/2007

Discovery Date: 02/15/2007

Report Date: 02/15/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: KINGS MOUNTAIN SCRAP

NRC Docket Number: NA

City: KINGS MOUNTAIN

NRC Program Code: NA

State: NC Zip Code: NR

Responsible NRC Region: 1

Site of Event:

Site Name: KINGS MOUNTAIN

State: NC

Additional Involved Party:

License Number: NON-LICENSEE

Name: AMERISTEEL

City: CHARLOTTE

State: NC Zip Code: NR

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 NOT REPORTED

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

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT DIAL

Model Number: NA

Manufacturer: NR

Serial Number: NA

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: NC070005

Entry Date: 03/20/2007

Retraction Date:

Coder Initials: DCH

Reference Type:

AGREEMENT STATE EVENT REPORT

Narrative:

Underwood Engineering Testing Company (UETC) reported the theft and partial recovery of a Troxler moisture/density gauge (model 3430, serial #30500) that contained a 1.48 GBq (40 mCi) Am-Be source and a 0.296 GBq (8 mCi) Cs-137 source. On 3/19/2007, the gauge and its transportation case were locked inside the bed of a truck that was parked at a worksite at the Audenried High School in Philadelphia, Pennsylvania, when the theft occurred. However, the transportation case was secured with only one chain. The Philadelphia Police Department and Fire Department were notified (police report #07-17-011252). On 3/22/2007, the Philadelphia Police found the empty transportation case in an alley off of Germantown Avenue in Philadelphia, approximately six miles from the worksite. Radiation surveys performed by the Fire Department's Hazardous Materials Unit revealed the presence of radiation within the Nicetown Salvage Company facility, which was a short distance from the alley where the transportation case was found. The NRC Region I and the Commonwealth of Pennsylvania dispatched inspectors to the scrap yard to conduct radiation surveys. Pieces of the gauge, including the Cs-137 source, were found in a 30-gallon plastic trash can. On 3/23/2007, UETC recovered the Cs-137 source. The remainder of the gauge and the Am-Be source were not found. On 3/24/2007, NRC Region I and New Jersey Department of Environmental Protection inspectors surveyed a metal recycling facility in Camden, New Jersey, where metal from Nicetown Salvage Company was shipped on 3/21/2007. Radiological surveys revealed no radioactive material. On 3/25/2007, assistance was requested from the DOE Radiological Assistance Program to perform additional surveys using instrumentation with greater sensitivity for Am-Be. DOE responded and surveys of the Nicetown Salvage Company, the neighborhood surrounding the facility, the worksite in Philadelphia, the route of travel between the worksite and the Nicetown facility, and the Camden recycling facility were all negative for radioactivity. Corrective actions included emphasizing gauge security requirements to users, installing fixed storage room structures, periodic site visits by the RSO to ensure procedure compliance, and hiring an independent consultant to enhance the radiation safety program.

Event Date: 03/19/2007

Discovery Date: 03/19/2007

Report Date: 03/20/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: 29-23425-01 Name: UNDERWOOD ENGINEERING TESTING CO., INC.
NRC Docket Number: 03021053 City: MOUNT EPHRAIM
NRC Program Code: 03121 State: NJ Zip Code: 08059
Responsible NRC Region: 1

Site of Event:

Site Name: PHILADELPHIA
State: PA

Additional Involved Party:

License Number: NR Name: NR
City: NR
State: NR Zip Code: NR

Other Information:

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

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: THEFT, SABOTAGE, OR VANDALISM

Corrective Actions Information:

Action Number: Corrective Action:

LAS

- 1 PERSONNEL RECEIVE IMPROVED SUPERVISION
- 2 PERSONNEL RECEIVED ADDITIONAL TRAINING
- 3 PROCEDURE MODIFIED

Source of Radiation:

LAS

Source Number: 1
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): AM-BE
Manufacturer: NR Activity: 0.04 Ci 1.48 GBq
Model Number: NR
Serial Number: NR

Source Number: 2

Source/Radioactive Material: SEALED SOURCE GAUGE

Manufacturer: NR

Model Number: NR

Serial Number: NR

Radionuclide or Voltage (kVp/MeV): CS-137

Activity: 0.008 Ci 0.296 GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: GAUGE PORTABLE

Manufacturer: TROXLER

Model Number: 3430

Serial Number: 30500

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL STOLEN AND PARTIALLY RECOVERED
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43251	03/21/2007		DCH	EVENT NOTIFICATION
ML070790731	03/23/2007		RLS	NRC NEWS ANNOUNCEMENT
ML070820284	03/26/2007		RLS	NRC NEWS ANNOUNCEMENT
ML070820343	03/26/2007		DCH	PRELIMINARY NOTIFICATION
PN107003	03/26/2007		DCH	PRELIMINARY NOTIFICATION
ML070851114	03/28/2007		DCH	PRELIMINARY NOTIFICATION
PN107003A	03/28/2007		DCH	PRELIMINARY NOTIFICATION
ML070851253	04/03/2007		RLS	NRC NEWS ANNOUNCEMENT
ML071240434	05/16/2007		RLS	LICENSEE REPORT
ML071240434	05/16/2007		RLS	REGION REPORT
ML073440279	12/18/2007		RLS	OTHER
ML080040358	01/08/2008		RLS	NRC NEWS ANNOUNCEMENT
ML080380470	02/13/2008		RLS	NRC NEWS ANNOUNCEMENT
ML080370576	02/18/2008		RLS	NOTICE OF VIOLATION
ML080370576	02/18/2008		RLS	NRC LETTER

Item Number: 070165

Last Updated: 03/27/2007

Narrative:

Trademark Metals reported finding a small piece of metal that weighed less than 1 gram, was a 0.25 inches in size, with a dose rate of 2.5 mR/hour at one inch and 0.25 mR/hour at one foot. The source appeared to be a piece of a smoke detector. The source contained Ra-226 with an activity of 19.98 kBq (0.54 uCi). Tag R-006 was issued and the source was impounded by the Florida Department of Health and will be disposed of.

Event Date: 01/29/2007

Discovery Date: 01/29/2007

Report Date: 01/29/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
NRC Docket Number:	NA	City:	ROCKLEDGE
NRC Program Code:	NA	State:	FL Zip Code: 32955
Responsible NRC Region:	1		

Site of Event:

Site Name: ROCKLEDGE
State: FL

Additional Involved Party:

License Number:	NA	Name:	NA
		City:	NA
		State:	NA Zip Code: 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	Radionuclide or Voltage (kVp/MeV):	RA-226
Source/Radioactive Material:	SEALED SOURCE IONIZING	Activity:	0.00000054 Ci 0.00001998 GBq
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:
FL07-012	03/27/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070166

Last Updated: 03/27/2007

Narrative:

Commercial Metals reported that they had multiple radium dial gauges in their possession from a scrap metal load. Tag R-007 was issued and a Florida Department of Health inspector impounded the items for disposal. Items included a crushed lensatic compass, two speedometer gauges, two oil pressure gauges, a battery generator gauge, a water temperature gauge, and a fuel quantity gauge. The total Ra-226 activity was 0.79 MBq (21.24 uCi).

Event Date: 01/30/2007

Discovery Date: 01/30/2007

Report Date: 02/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: COMMERCIAL METALS
NRC Docket Number: NA	City: JACKSONVILLE
NRC Program Code: NA	State: FL Zip Code: 32254
Responsible NRC Region: 1	

Site of Event:

Site Name: JACKSONVILLE
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR	Model Number: NA	Activity: 0.00002124 Ci 0.00078588 GBq
Serial Number: AGGREGATE		

Device/Associated Equipment:

Device Number: 1	Device Name: RADIOLUMINESCENT DIAL	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:
FL07-015	03/27/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070167

Last Updated: 03/28/2007

Narrative:

Trademark Metals reported that a load of their scrap metal set off their radiation monitor alarms. They found a small piece of metal to be the source of radiation. The item was determined to be a Ra-226 source with an activity of 18.5 kBq (0.5 uCi). The source was part of a smoke detector. Tag R-010 was issued and the Florida Department of Health investigator impounded the source for disposal.

Event Date: 02/07/2007

Discovery Date: 02/07/2007

Report Date: 02/08/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: TRADEMARK METALS
NRC Docket Number: NA	City: ROCKLEDGE
NRC Program Code: NA	State: FL Zip Code: 32955
Responsible NRC Region: 1	

Site of Event:

Site Name: ROCKLEDGE
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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:

Source Number: 1	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR	Model Number: NR	Activity: 0.0000005 Ci 0.0000185 GBq
Serial Number: NR		

Device/Associated Equipment:

Device Number: 1	Device Name: DETECTOR, SMOKE	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:
FL07-021	03/28/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070168

Last Updated: 03/28/2007

Narrative:

Trademark Metals reported that a load of scrap metal from Aircraft Parts Sales Incorporated set off their radiation monitor alarms. Trademark Metals placed the material inside a warehouse. The Florida Department of Health investigated the incident and found over 200 pounds of depleted uranium counterweights of various sizes and shapes. Trademark Metals was advised to return the counterweights to Aircraft Parts Sales. Aircraft Parts Sales will dispose of the counterweights through a radioactive waste broker.

Event Date: 02/09/2007 Discovery Date: 02/09/2007 Report Date: 02/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: AIRCRAFT PARTS SALES INC.
NRC Docket Number: NA	City: OPA LOCKA
NRC Program Code: NA	State: FL Zip Code: 33054
Responsible NRC Region: 1	

Site of Event:

Site Name: OPA LOCKA
State: FL

Additional Involved Party:

License Number: NON-LICENSEE	Name: TRADEMARK METALS
	City: MIAMI
	State: FL Zip Code: NR

Other Information:

NRC Reportable Event: N	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:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): U-DEP
Manufacturer: NR		Activity: NR Ci NR GBq
Model Number: NA		
Serial Number: NA		

Device/Associated Equipment:

Device Number: 1		
Device Name: METAL, DEPLETED URANIUM	Model Number: NA	
Manufacturer: NR	Serial Number: NA	

Keywords:

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
FL07-026	03/28/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070169

Last Updated: 03/28/2007

Narrative:

A load of scrap tin bales from Sams-Pompano Truck and Auto set off the radiation monitor alarms at Trademark Metals. The shipper was Freight Train Trucking. DOT Exemption FL-FL-07-008 was issued and the load was returned to Sams-Pompano. A Florida Department of Health investigator responded to the site and found a small black box containing a glass bottle with a metal ball inside. The metal ball was the source of radiation. It was determined that the ball contained Ra-226 with an activity of 0.27 MBq (7.34 uCi). Tag R-013 was issued and the metal ball was impounded for disposal.

Event Date: 02/09/2007

Discovery Date: 02/09/2007

Report Date: 02/14/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: SAMS-POMPANO TRUCK AND AUTO
NRC Docket Number: NA	City: POMPANO BEACH
NRC Program Code: NA	State: FL Zip Code: 33069
Responsible NRC Region: 1	

Site of Event:

Site Name: POMPANO BEACH
State: FL

Additional Involved Party:

License Number: NON-LICENSEE	Name: TRADEMARK METALS
	City: ROCKLEDGE
	State: FL Zip Code: 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

Corrective Actions Information:

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

Source of Radiation:

Source Number: 1	
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR	Activity: 0.00000734 Ci 0.00027158 GBq
Model Number: NA	
Serial Number: NA	

Device/Associated Equipment:

Device Number: 1	
Device Name: CONTAMINATED METAL, SCRAP	Model Number: NA
Manufacturer: NR	Serial Number: NA

Keywords:

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
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Item Number: 070170

Last Updated: 03/28/2007

Narrative:

Trademark Metals reported that a bag of aircraft instrument panel waste material set off their radiation monitor alarms. It was determined that the waste material contained Ra-226 with an activity of 53.65 kBq (1.45 uCi). Tag R-014 was issued and a Florida Department of Health investigator impounded the items for disposal.

Event Date: 02/19/2007

Discovery Date: 02/19/2007

Report Date: 02/21/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
NRC Docket Number:	NA	City:	ROCKLEDGE
NRC Program Code:	NA	State:	FL
Responsible NRC Region:	1	Zip Code:	32955

Site of Event:

Site Name: ROCKLEDGE
State: FL

Additional Involved Party:

License Number:	NA	Name:	NA
		City:	NA
		State:	NA
		Zip Code:	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:	0.00000145 Ci 0.00005365 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

Keywords:

LAS

MATERIAL FOUND
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
FL07-030	03/28/2007		DCH	AGREEMENT STATE EVENT REPORT

Narrative:

Sabel Steel reported that a load of scrap, which contained a dashboard from a vehicle, set off their radiation monitor alarms. The item was segregated from the load the day after setting off the alarms. Inspectors from the Alabama Office of Radiation Control investigated the incident. The radioactive material was determined to be three dials that contain Ra-226. The dials were segregated and isolated. On 7/17/2007, the Office of Radiation Control picked up the dials and sent them to the U.S. Army, Rock Island Arsenal in Illinois for storage and disposal.

Event Date: 01/18/2007

Discovery Date: 01/18/2007

Report Date: 01/18/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: SABEL STEEL
NRC Docket Number: NA	City: MONTGOMERY
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: MONTGOMERY
State: AL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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: 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			
Source Number: 3			
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

Manufacturer: NR

Model Number: NA

Serial Number: NA

Device Number: 2

Device Name: RADIOLUMINESCENT DIAL

Manufacturer: NR

Model Number: NA

Serial Number: NA

Device Number: 3

Device Name: RADIOLUMINESCENT DIAL

Manufacturer: NR

Model Number: NA

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:
AL070006	04/04/2007		DCH	AGREEMENT STATE EVENT REPORT
AL070006A	08/02/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070197

Last Updated: 04/04/2007

Narrative:

Jordan Scrap reported that a load of scrap metal from NUCOR Steel set off their radiation monitor alarms. The source of radiation was determined to be a smoke detector with an Am-241 source. The smoke detector was disposed of as waste.

Event Date: 01/30/2007

Discovery Date: 01/30/2007

Report Date: 01/30/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NR	Name: NR
NRC Docket Number: NR	City: BIRMINGHAM
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: BIRMINGHAM
State: AL

Additional Involved Party:

License Number: NON-LICENSEE	Name: NUCOR STEEL
	City: BIRMINGHAM
	State: AL Zip Code: NR

Other Information:

NRC Reportable Event: Y	Abnormal Occurrence: N
Agreement State Reportable Event: Y	Investigation: N
Atomic Energy Act Material: Y	NMED Record Complete: N
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 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1		
Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR	Activity: NR Ci	NR GBq
Model Number: NR		
Serial Number: NR		

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name: DETECTOR, SMOKE	Model Number: NR	
Manufacturer: NR	Serial Number: NR	

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
AL070010	04/04/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070199

Last Updated: 04/23/2008

Narrative:

A load of scrap metal from HRH Metals set off the radiation monitor alarms at the NUCOR Steel facility. The source of radiation was determined to be from one bundle of compressed scrap, with radiation levels of 130 uR/hour. Alabama Office of Radiation Control personnel performed an investigation on 3/13/2007. Initial field analysis identified the radionuclide as Cs-137, but there was no way to determine the activity or form of the radioactive material due to the compression of the bundle. The waste was packaged by a radioactive waste broker and transferred for disposal. The actual radioisotope was identified as Th-232 and the activity was estimated at 3.7 MBq (100 uCi).

Event Date: 02/13/2007

Discovery Date: 02/13/2007

Report Date: 02/13/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NR	Name: NR
NRC Docket Number: NA	City: MOODY
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: MOODY
State: AL

Additional Involved Party:

License Number: NON-LICENSEE	Name: HRH METALS
	City: MOODY
	State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N	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: 1	Corrective Action: MATERIAL DISPOSED OF AS WASTE
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Source of Radiation:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): TH-232
Manufacturer: NR	Model Number: NA	Activity: 0.0001 Ci 0.0037 GBq
Serial Number: NA		

Device/Associated Equipment:

Device Number: 1	Device Name: CONTAMINATED METAL, SCRAP	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:
AL070016	04/04/2007		DCH	AGREEMENT STATE EVENT REPORT

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND NOT FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43284	04/11/2007		DCH	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
IL070020	04/30/2007		DCH	AGREEMENT STATE EVENT REPORT
IL070020A	05/24/2007		DCH	AGREEMENT STATE EVENT REPORT
IL070020B	06/18/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070218

Last Updated: 06/12/2007

Narrative:

AmeriSteel reported that a military jeep dash self luminous instrument cluster was found on-site. The instrument cluster was not detected during receipt of a load of scrap. Using an Exploranium instrument, the radionuclide was identified as Ra-226. The instrument cluster was isolated on-site pending pick up by the military.

Event Date: 03/01/2007 Discovery Date: 03/01/2007 Report Date: 03/01/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: AMERISTEEL
NRC Docket Number: NA City: CHARLOTTE
NRC Program Code: NA State: NC Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: CHARLOTTE
State: NC

Additional Involved Party:

License Number: NA Name: NA
City: NA
State: NA Zip Code: 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 NO CORRECTIVE ACTION TAKEN

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

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT DIAL 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:
NC070006	04/12/2007		DCH	AGREEMENT STATE EVENT REPORT
NC070006A	05/09/2007		DCH	AGREEMENT STATE EVENT REPORT
NC070006B	06/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070285

Last Updated: 06/12/2007

Narrative:

Staline Scrap reported finding a radioactive device in a load of scrap metal returned from C&C Scrap (see NMED Item 070135 for a related event). A health physicist from the State responded to the site. The device was determined to be a Mahlo America gauge (model TMA). The Mahlo GmbH model number is FMIR-1 610/12. The source holder is a model 610/61 and contained a Kr-85 source (Amersham model KR-4) with an original activity of 3.7 GBq (100 mCi). The gauge did not have a readable serial number and the licensee could not be identified. The gauge was secured on-site pending final disposition.

Event Date: 03/02/2007

Discovery Date: 03/02/2007

Report Date: 03/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NR	Name: NR
NRC Docket Number: NA	City: NR
NRC Program Code: NA	State: NC Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: GASTONIA
State: NC

Additional Involved Party:

License Number: NON-LICENSEE	Name: STATELINE SCRAP
	City: GASTONIA
	State: NC Zip Code: 28052

Other Information:

NRC Reportable Event: Y	Abnormal Occurrence: N
Agreement State Reportable Event: Y	Investigation: Y
Atomic Energy Act Material: Y	NMED Record Complete: N
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:

Source Number: 1	Source/Radioactive Material: SEALED SOURCE GAUGE	Radionuclide or Voltage (kVp/MeV): KR-85
Manufacturer: AMERSHAM	Model Number: KR-4	Activity: 0.1 Ci 3.7 GBq
Serial Number: NR		

Device/Associated Equipment:

Device Number: 1	Device Name: GAUGE FIXED	Model Number: FMIR-1 610/12
Manufacturer: MAHLO GMBH & CO.	Serial Number: NR	
Device Number: 2	Device Name: SOURCE HOLDER, OTHER	Model Number: 610/61
Manufacturer: MAHLO GMBH & CO.	Serial Number: NR	

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
NC070008	05/09/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070510	05/14/2007		DCH	AGREEMENT STATE LETTER
NC070008A	06/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070287

Last Updated: 05/09/2007

Narrative:

AmeriSteel reported finding an old military instrument cluster gauge containing Ra-226 (self luminous dial) at their scrap yard. The cluster was on the conveyor belt and set off the radiation monitor alarms. The cluster was isolated on site pending pick up by the military.

Event Date: 04/27/2007

Discovery Date: 04/27/2007

Report Date: 04/27/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: AMERISTEEL
NRC Docket Number: NA	City: CHARLOTTE
NRC Program Code: NA	State: NC Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: CHARLOTTE
State: NC

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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: 1	Corrective Action: MATERIAL DISPOSED OF AS WASTE
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Source of Radiation:

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

Device/Associated Equipment:

Device Number: 1	Device Name: RADIOLUMINESCENT DIAL	Model Number: NA
Manufacturer: NR		Serial Number: NA

Keywords:

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

References:

Reference Number: NC070023	Entry Date: 05/09/2007	Retraction Date:	Coder Initials: DCH	Reference Type: AGREEMENT STATE EVENT REPORT
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Item Number: 070294

Last Updated: 05/14/2007

Narrative:

NUCOR Steel reported that a gondola rail car carrying scrap metal from Southern Metal Recycling set off their radiation monitor alarms. The rail car was rejected and is being returned to Southern Metal Recycling. The INL has requested additional information for this event.

Event Date: 04/24/2007 Discovery Date: 04/24/2007 Report Date: 04/24/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: SOUTHERN METAL RECYCLING
NRC Docket Number: NA	City: SAVANNAH
NRC Program Code: NA	State: GA Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: SAVANNAH
State: GA

Additional Involved Party:

License Number: NON-LICENSEE	Name: NUCOR STEEL
	City: BIRMINGHAM
	State: AL Zip Code: NR

Other Information:

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

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1		
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): NR	
Manufacturer: NR	Activity: NR Ci	NR GBq
Model Number: NA		
Serial Number: NA		

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name: CONTAMINATED METAL, SCRAP	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:
GA-2007-101	05/14/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070305

Last Updated: 10/08/2007

Narrative:

SIMS/Hugo Neu-Proler reported that a truck load of mixed grade scrap materials from Lancaster Recycling set off their radiation monitor alarms. The load was processed by Hugo Neu and two pieces of depleted uranium military hardware and one toggle switch panel were identified. The highest radiation exposure reading from the depleted uranium hardware was reported as 4.69 mR/hour at the surface. The highest radiation exposure reading from the toggle switch panel was 0.53 mR/hour at the surface. It was determined that the switch contained Ra-226 with an activity up to 0.37 MBq (10 uCi). The California Department of Health Services issued a DOT Exemption (CA-CA-07-17) for the return, identification, and proper disposal of the items to Lancaster Recycling. Lancaster Recycling has labeled, stored, and secured the material and will comply with instructions for appropriate disposal.

Event Date: 04/25/2007

Discovery Date: 04/25/2007

Report Date: 04/25/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: LANCASTER RECYCLING

NRC Docket Number: NA

City: LANCASTER

NRC Program Code: NA

State: CA Zip Code: NR

Responsible NRC Region: 4

Site of Event:

Site Name: LANCASTER

State: CA

Additional Involved Party:

License Number: NON-LICENSEE

Name: HUGO NEU-PROLER

City: TERMINAL ISLAND

State: CA Zip Code: 90731

Other Information:

NRC Reportable Event: N

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: N

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 OTHER

Radionuclide or Voltage (kVp/MeV): U-DEP

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: 0.00001 Ci 0.00037 GBq

Model Number: NA

Serial Number: NA

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: METAL, DEPLETED URANIUM

Model Number: NA

Manufacturer: NR

Serial Number: NA

Device Number: 2

Device Name: RADIOLUMINESCENT DIAL

Manufacturer: NR

Model Number: NA

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-XCA1108	05/22/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR071006	10/08/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070312

Last Updated: 06/11/2007

Narrative:

Trademark Metals reported that a load of scrap metal from Chuck Parent Enterprises set off their radiation monitor alarms. DOT Exemption FL-FL-07-009 was issued and the load was returned to the owner. The Florida Department of Health (DOH) was unable to contact the Chuck Parent Enterprises. DOH believes the radioactive material to be NORM in the form of phosphate.

Event Date: 02/16/2007 Discovery Date: 02/16/2007 Report Date: 02/16/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	CHUCK PARENT ENTERPRISES
NRC Docket Number:	NA	City:	PUNTA GORDA
NRC Program Code:	NA	State:	FL Zip Code: NR
Responsible-NRC Region:	1		

Site of Event:

Site Name: PUNTA GORDA
State: FL

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
		City:	TAMPA
		State:	FL Zip Code: 33605

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 NOT REPORTED

Source of Radiation:

LAS

Source Number:	1	Source/Radioactive Material:	UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV):	NORM
Manufacturer:	NR	Activity:		NR Ci	NR GBq
Model Number:	NA				
Serial Number:	NA				

Device/Associated Equipment:

LAS

Device Number:	1	Device Name:	CONTAMINATED METAL, SCRAP	Model Number:	NA
Manufacturer:	NR	Serial Number:		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:
FL07-028	05/24/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070611	06/11/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070313

Last Updated: 05/24/2007

Narrative:

Trademark Metals reported that a load of scrap metal from Toft Construction set off their radiation monitor alarms. DOT Exemption was issued and the load was returned to the owner. A Florida Department of Health inspector visited that site and discovered military vehicle instrument panels containing approximately 80.85 kBq (2.185 uCi) of Ra-226. Tag number R-020 was assigned and the items were impounded for disposal.

Event Date: 03/28/2007

Discovery Date: 03/28/2007

Report Date: 04/05/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	TOFT CONSTRUCTION
NRC Docket Number:	NA	City:	NEW SMYRNA BEACH
NRC Program Code:	NA	State:	FL Zip Code: 32168
Responsible NRC Region:	1		

Site of Event:

Site Name: NEW SMYRNA BEACH
State: FL

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
		City:	HOLLY HILL
		State:	FL Zip Code: 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

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1		
Source/Radioactive Material:	UNSEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer:	NR	Activity: 0.00002185 Ci 8.0845E-05 GBq
Model Number:	NA	
Serial Number:	AGGREGATE	

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name:	RADIOLUMINESCENT DIAL	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:
FL07-053	05/24/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070396

Last Updated: 08/16/2007

Narrative:

Metropolitan Recycling reported that a load of scrap metal set off their radiation monitor alarms. Kern County Health (Hazmat Office) responded to the site to investigate. A Gammalarm radiation monitor (Amersham model 492B), which has an internal check source containing Cs-137 with an activity of 0.33 MBq (9 uCi), was identified in the load of scrap. The radiation level at the surface of the device was approximately 600 uR/hour. Kern County Health will retrieve the device, evaluate it, and determine disposition.

Event Date: 06/15/2007 Discovery Date: 06/15/2007 Report Date: 06/15/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: METROPOLITAN RECYCLING
NRC Docket Number: NA City: BAKERSFIELD
NRC Program Code: NA State: CA Zip Code: NR
Responsible NRC Region: 4

Site of Event:

Site Name: BAKERSFIELD
State: CA

Additional Involved Party:

License Number: NA Name: NA
City: NA
State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: N Investigation: N
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 NOT REPORTED

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE CALIB/MARKER Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: NR Activity: 0.000009 Ci 0.000333 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: DETECTOR, RADIATION Model Number: 492B
Manufacturer: AMERSHAM 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:
CA-XCA1121 07/03/2007 DCH AGREEMENT STATE EVENT REPORT

Narrative:

The Port of Oakland reported receiving a shipment of scrap metal returned from China that had been rejected because it contained radioactive material. The highest exposure rate at contact with the Sea Van container was approximately 1.3 mR/hour. The radionuclide was identified as Cs-137. Western Metals, the owner of the scrap load, hired EH&SS to locate and remove the radioactive material. A Kay-Ray/Sensall (Atomic Energy Commission) generally licensed gauge (model 7062-P, serial #7428) was recovered. The gauge was manufactured in November 1977 and originally contained a Cs-137 source with an activity of 3.7 GBq (100 mCi). The source has decayed to approximately 1.88 GBq (50.68 mCi). Radiation surveys of the gauge, as found, on the top of the device revealed 8 mR/hour. That reading was reduced when the shutter was closed. It is unclear how surveys performed prior to shipment failed to identify the Cs-137 source, unless the source was shuttered and the device was shielded by thousands of pounds of metal prior to originally leaving America. It was determined that the shutter had not been locked in the closed position. Information was shared with the RSO at ThermoFisher Scientific (purchased Kay-Ray). The RSO located the sales order number (1821-000) using the gauge serial number. However, the sales order was blank with regards to identifying the owner. The gauge will be held by the California Department of Health and Human Services and then disposed to the DOE Orphaned Source Program.

Event Date: 05/11/2007 Discovery Date: 05/11/2007 Report Date: 05/11/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NR Name: NR
NRC Docket Number: NA City: NR
NRC Program Code: NA State: CA Zip Code: NR
Responsible NRC Region: 4

Site of Event:

Site Name: PORT OF OAKLAND
State: CA

Additional Involved Party:

License Number: NON-LICENSEE Name: WESTERN METALS
City: FRESNO
State: CA Zip Code: 94607

Other Information:

NRC Reportable Event: Y Abnormal Occurrence: N
Agreement State Reportable Event: Y Investigation: Y
Atomic Energy Act Material: Y NMED Record Complete: N
Consultant Hired: Y 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 NOT REPORTED

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE GAUGE Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: NR Activity: 0.1 Ci 3.7 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: GAUGE FIXED Model Number: 7062-P
Manufacturer: ATOMIC ENERGY OF CN Serial Number: 7428

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
CA-XCA1123	07/03/2007		DCH	AGREEMENT STATE EVENT REPORT
CA-XCA1123A	07/03/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070613	07/03/2007		DCH	AGREEMENT STATE LETTER
CA-XCA1123B	08/15/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070622	08/15/2007		DCH	INSPECTION REPORT
LTR070815	08/15/2007		DCH	AGREEMENT STATE LETTER
LTR070823	08/23/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070422

Last Updated: 07/12/2007

Narrative:

Commercial Metals reported having multiple radium dial panel gauges in their possession. The combined activity of the dials was determined to be 0.147 MBq (3.976 uCi). Tag #R-018 was issued and a State investigator impounded the items. They will be stored at the Orlando, Florida, storage building pending disposal at a licensed radioactive waste facility.

Event Date: 03/22/2007

Discovery Date: 03/22/2007

Report Date: 03/23/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	COMMERCIAL METALS
NRC Docket Number:	NA	City:	JACKSONVILLE
NRC Program Code:	NA	State:	FL Zip Code: 32236
Responsible NRC Region:	1		

Site of Event:

Site Name: JACKSONVILLE
State: FL

Additional Involved Party:

License Number:	NA	Name:	NA
		City:	NA
		State:	NA Zip Code: NA

Other Information:

NRC Reportable Event:	N	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:	UNSEALED SOURCE LUMINOUS Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer:	NR Activity: 0.000003976 Ci 0.00014711 GBq
Model Number:	NA
Serial Number:	AGGREGATE

Device/Associated Equipment:

LAS	
Device Number:	1
Device Name:	RADIOLUMINESCENT DIAL 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:
FL07-048	07/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070423

Last Updated: 07/12/2007

Narrative:

Trademark Metals Recycling reported having a 2-foot pipe, weighing approximately 50 pounds, and a 2-inch by 2-inch block of aluminum with a tube in it, which were radioactive. The radionuclide was determined to be Ra-226 and radiation surveys revealed exposure rates on the pipe and the block of aluminum to be 2 mR/hour, each. The combined activity of the two items was determined to be 1.22 MBq (33.09 uCi). They will be stored at the Orlando, Florida, storage building pending disposal at a licensed radioactive waste facility.

Event Date: 04/23/2007 Discovery Date: 04/23/2007 Report Date: 04/23/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: TRADEMARK METALS RECYCLING
NRC Docket Number: NA	City: TAMPA
NRC Program Code: NA	State: FL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: TAMPA
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N	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: UNSEALED SOURCE NORM Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR Activity: 0.00003309 Ci 0.00122433 GBq
Model Number: NA
Serial Number: AGGREGATE

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP 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:
FL07-070	07/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Narrative:

On 1/9/2007, a luggage box from the licensee's facility triggered the radiation monitor alarms at the Miller Compressing yard in Milwaukee, Wisconsin. The next morning, the contents of the box were dumped on a hard surface and the source of radiation was identified as four T-shaped bars approximately 8 inches long and 1 inch in diameter. The words "Radioactive", "Uranium", and "8/95" were stamped on the bars. Each bar was also marked with a white trefoil and the number 2040, followed by the roman numerals I thru IV (each bar marked in sequence). The contact radiation level on each bar was 17.7 mR/hr open shield at the surface and 1.6 mR/hr at 1 foot. The closed shield readings were 1.5 mR/hr at the surface and 0.16 mR/hr at 1 foot. There was no removable contamination. The bars were determined to contain a total of 40.7 MBq (1.1 mCi) of depleted uranium. The licensee conducted an internal investigation and determined that the bars did not come from any of their equipment. Personnel were notified of this event and trained on how to respond to a similar event. The licensee's RSO suspects the bars may have been a collimator of some sort, but he could not trace their origin back beyond their recycling center. The licensee removed the material from Miller Compressing on 8/29/2007 and is arranging disposal. They plan to install radiation detectors at their internal recycling center to prevent recurrence.

Event Date: 01/09/2007 Discovery Date: 01/09/2007 Report Date: 02/20/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NR Name: GE HEALTHCARE
NRC Docket Number: NA City: OAK CREEK
NRC Program Code: NA State: WI Zip Code: 53204
Responsible NRC Region: 3

Site of Event:

Site Name: OAK CREEK
State: WI

Additional Involved Party:

License Number: NON-LICENSEE Name: MILLER COMPRESSING
City: MILWAUKEE
State: WI Zip Code: NR

Other Information:

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

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: MANAGEMENT DEFICIENCY

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 PERSONNEL RECEIVED ADDITIONAL TRAINING
2 NEW EQUIPMENT OBTAINED

Source of Radiation:

LAS

Source Number: 1
Source/Radioactive Material: UNSEALED SOURCE OTHER Radionuclide or Voltage (kVp/MeV): U-DEP
Manufacturer: NR Activity: 0.000275 Ci 0.010175 GBq
Model Number: NR
Serial Number: 2040-I

Source Number: 2
Source/Radioactive Material: UNSEALED SOURCE OTHER Radionuclide or Voltage (kVp/MeV): U-DEP
Manufacturer: NR Activity: 0.000275 Ci 0.010175 GBq
Model Number: NR
Serial Number: 2040-II

Source Number: 3

Source/Radioactive Material: UNSEALED SOURCE OTHER
Manufacturer: NR
Model Number: NR
Serial Number: 2040-III

Radionuclide or Voltage (kVp/MeV): U-DEP
Activity: 0.000275 Ci 0.010175 GBq

Source Number: 4

Source/Radioactive Material: UNSEALED SOURCE OTHER
Manufacturer: NR
Model Number: NR
Serial Number: 2040-IV

Radionuclide or Voltage (kVp/MeV): U-DEP
Activity: 0.000275 Ci 0.010175 GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: CONTAMINATED METAL, SCRAP
Manufacturer: NR

Model Number: NA
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
ORPHAN SOURCE
RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
DOT2007030176	07/12/2007		RLS	OTHER
DOT2007030176A	07/12/2007		RLS	OTHER
LTR070718	07/18/2007		DCH	NRC LETTER
LTR070830	09/05/2007		DCH	AGREEMENT STATE LETTER
LTR070830A	09/05/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070431

Last Updated: 09/18/2007

Narrative:

A load of scrap metal from Antonakos set off the radiation monitor alarms at Trademark Metals. DOT Exemption FL-FL-07-042 was issued and the load was returned to Antonakos. Two smoke detectors containing Am-241 were identified in the load. The smoke detectors had been crushed and shredded. They were removed and returned to a smoke detector manufacturer. The load of scrap metal was returned to Trademark Metals and accepted for processing.

Event Date: 06/13/2007

Discovery Date: 06/13/2007

Report Date: 06/14/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: ANTONAKOS
NRC Docket Number: NA	City: TAMPA
NRC Program Code: NA	State: FL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: TAMPA
State: FL

Additional Involved Party:

License Number: NON-LICENSEE	Name: TRADEMARK METALS
	City: TAMPA
	State: FL Zip Code: 33605

Other Information:

NRC Reportable Event: Y	Abnormal Occurrence: N
Agreement State Reportable Event: Y	Investigation: Y
Atomic Energy Act Material: Y	NMED Record Complete: N
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 EQUIPMENT RETURNED TO MANUFACTURER FOR REPAIR OR DISPOSAL

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR	Activity: NR Ci	NR GBq
Model Number: NR		
Serial Number: NR		

Source Number: 2

Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR	Activity: NR Ci	NR GBq
Model Number: NR		
Serial Number: NR		

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: DETECTOR, SMOKE	Model Number: NR
Manufacturer: NR	Serial Number: NR

Device Number: 2

Device Name: DETECTOR, SMOKE

Manufacturer: NR

Model Number: NR

Serial Number: NR

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
FL07-096	07/16/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR070913	09/18/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070494

Last Updated: 10/16/2007

Narrative:

A load of scrap metal from Alter Trading set off the radiation monitor alarms at IPSCO Steel on 7/12/2007. The entire load was returned to Alter Trading under DOT Exemption AL-AL-07-10. Maximum radiation levels were 25 uR/hour on the outside of the trailer. The radioactive material was identified as a two-inch diameter pipe approximately three-feet long that contained NORM scale. Maximum radiation levels of 200 uR/hour were noted. The pipe was disposed of through a radioactive waste broker. The pipe was consistent with oil field pipe.

Event Date: 07/12/2007 Discovery Date: 07/12/2007 Report Date: 07/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: ALTER TRADING
NRC Docket Number: NA City: MOBILE
NRC Program Code: NA State: AL Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: MOBILE
State: AL

Additional Involved Party:

License Number: NON-LICENSEE Name: IPSCO STEEL
City: AXIS
State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: Y Investigation: N
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: OTHER

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 NORM Radionuclide or Voltage (kVp/MeV): NORM
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP 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:
AL070030	08/06/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR071003	10/04/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070495

Last Updated: 10/16/2007

Narrative:

A load of scrap metal from Alter Trading set off the radiation monitor alarms at IPSCO Steel on 7/12/2007. The entire load was returned to Alter Trading under DOT Exemption AL-AL-07-11. Maximum radiation levels were 20 uR/hour on the outside of the trailer. The radioactive material was identified as three two-inch diameter pipes approximately three to four feet long that contained NORM scale. Maximum radiation levels of 200 uR/hour were noted. The pipes were disposed of through a radioactive waste broker. The pipes were consistent with oil field pipe.

Event Date: 07/12/2007 Discovery Date: 07/12/2007 Report Date: 07/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: ALTER TRADING
NRC Docket Number: NA City: MOBILE
NRC Program Code: NA State: AL Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: MOBILE
State: AL

Additional Involved Party:

License Number: NON-LICENSEE Name: IPSCO STEEL
City: AXIS
State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: Y Investigation: N
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: OTHER

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 NORM Radionuclide or Voltage (kVp/MeV): NORM
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP 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:
AL070031 08/06/2007 DCH AGREEMENT STATE EVENT REPORT

LTR071003
AL070031A

10/04/2007
10/16/2007

DCH
DCH

AGREEMENT STATE LETTER
AGREEMENT STATE EVENT REPORT

Item Number: 070496

Last Updated: 10/03/2007

Narrative:

A load of scrap metal from Jordan Scrap set off the radiation monitor alarms at Nucor Steel. The radiation level was 4 uR/hour, with a background of 2 uR/hour. The entire load was returned to Jordan Scrap under DOT Exemption AL-AL-07-12. Representatives from the Alabama Radiation Control visited Jordan Scrap to identify the radioactive material. No elevated radiation levels were found and it was determined to be a false positive alarm.

Event Date: 07/18/2007 Discovery Date: 07/18/2007 Report Date: 07/18/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: JORDAN SCRAP
NRC Docket Number: NA	City: BIRMINGHAM
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: BIRMINGHAM
State: AL

Additional Involved Party:

License Number: NON-LICENSEE	Name: NUCOR STEEL
	City: BIRMINGHAM
	State: AL Zip Code: NR

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: OTHER

Corrective Actions Information:

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

Source of Radiation:

LAS

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): NA
Manufacturer: NA	Model Number: NA	Activity: NA Ci NA GBq
Serial Number: NA		

Device/Associated Equipment:

LAS

Device Number: 1	Device Name: CONTAMINATED METAL, SCRAP	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:
AL070032	08/06/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR071003	10/03/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070527

Last Updated: 09/20/2007

Narrative:

The licensee reported that a small container of radioactively contaminated pipe compound set off the radiation monitor alarms at Tennessee Valley Recyclers. The item was identified as a small metal can (4 ounce) containing pipe threading compound. The item was quarantined. Follow-up surveys confirmed no additional contaminated material in the shipment. The licensee determined that the material did not exceed any reporting requirement thresholds. The licensee stated that the radionuclide was Co-60 and surveys revealed 6,000 cpm. All free release of material from the Low Level Radioactive Waste Facility was suspended pending investigation.

Event Date: 08/14/2007 **Discovery Date:** 08/14/2007 **Report Date:** 08/15/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO Reciprocity: NONE
License Number: DPR-0033 Name: BROWNS FERRY, UNIT 1
NRC Docket Number: 05000259 City: ATHENS
NRC Program Code: 41000 State: AL Zip Code: 35611
Responsible NRC Region: 1

Site of Event:

Site Name: ATHENS
State: AL

Additional Involved Party:

License Number: NON-LICENSEE Name: TENNESSEE VALLEY RECYCLERS
City: NR
State: NR Zip Code: NR

Other Information:

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

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: UNSEALED SOURCE OTHER Radionuclide or Voltage (kVp/MeV): CO-60
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAINER, OTHER Model Number: NA
Manufacturer: NR Serial Number: NA

Keywords:

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

References:

Reference Number: EN43568 **Entry Date:** 08/16/2007 **Retraction Date:** **Coder Initials:** DCH **Reference Type:** EVENT NOTIFICATION

Item Number: 070553

Last Updated: 09/06/2007

Narrative:

Commercial Metals reported that they had multiple radium dial gauges in their possession. Tag R-024 was issued and a Florida Department of Health investigator impounded the items (also included scrap metal and a sextant). The items were determined to have a combined Ra-226 activity of 1.81 MBq (48.95 uCi). They will be stored at the Orlando storage building until disposal at a licensed radioactive waste facility.

Event Date: 07/02/2007

Discovery Date: 07/02/2007

Report Date: 07/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: COMMERCIAL METALS

NRC Docket Number: NA

City: JACKSONVILLE

NRC Program Code: NA

State: FL Zip Code: 32236

Responsible NRC Region: 1

Site of Event:

Site Name: JACKSONVILLE

State: FL

Additional Involved Party:

License Number: NA

Name: NA

City: NA

State: NA Zip Code: 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 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: UNSEALED SOURCE LUMINOUS

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

Manufacturer: NR

Activity: 0.00004895 Ci 0.00181115 GBq

Model Number: NA

Serial Number: AGGREGATE

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT DIAL

Model Number: NA

Manufacturer: NR

Serial Number: AGGREGATE

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: FL07-105

Entry Date: 09/06/2007

Retraction Date:

Coder Initials: DCH

Reference Type:

AGREEMENT STATE EVENT REPORT

Item Number: 070556

Last Updated: 09/06/2007

Narrative:

Trademark metals reported having a very small piece of metal that they believed was radioactive. They were advised to shield the item and place it in a secure area. A Florida Department of Health investigator responded to the site and found three pieces of a smoke detector. It was determined that the three pieces contained 0.11 MBq (3 uCi) of Ra-226. Tag R-026 was issued and the items were taken to the Orlando facility for processing. The items will be held for disposal.

Event Date: 07/27/2007 Discovery Date: 07/27/2007 Report Date: 07/27/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: TRADEMARK METALS
NRC Docket Number: NA City: ROCKLEDGE
NRC Program Code: NA State: FL Zip Code: 32955
Responsible NRC Region: 1

Site of Event:

Site Name: ROCKLEDGE
State: FL

Additional Involved Party:

License Number: NA Name: NA
City: NA
State: NA Zip Code: 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 NOT REPORTED

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE IONIZING Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR Activity: 0.000003 Ci 0.000111 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: DETECTOR, SMOKE 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:
FL07-112 09/06/2007 DCH AGREEMENT STATE EVENT REPORT

Item Number: 070558

Last Updated: 09/06/2007

Narrative:

A Carl Harris scrap metal truck set off the radiation monitor alarms at Trademark Metals. DOT Exemption FL-GA-07-002 was issued and the load was returned to Harris. The elevated radiation readings were coming from six or seven rocket motors with directional fins. The fins were surveyed using a Ludlum Model 19 micro-R meter and Thermo Identifier. Radiation levels were generally 30 to 40 uR/hour on a certain spot of each fin. It was determined that each fin contained a weld near the top of the directional nozzle and the radionuclide was identified as Th-232. The Georgia Radiation Control Program considered the material exempt. Harris removed the nozzles from the motors and sent them to the landfill for burial. The remaining metal will be sold as scrap.

Event Date: 08/16/2007

Discovery Date: 08/16/2007

Report Date: 08/16/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	CARL HARRIS
NRC Docket Number:	NA	City:	SYCAMORE
NRC Program Code:	NA	State:	GA
Responsible NRC Region:	1	Zip Code:	NR

Site of Event:

Site Name: SYCAMORE
State: GA

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
		City:	TAMPA
		State:	FL
		Zip Code:	33619

Other Information:

NRC Reportable Event:	N	Abnormal Occurrence:	N
Agreement State Reportable Event:	N	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:	UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV):	TH-232
Manufacturer:	NR	Activity:	NR Ci NR GBq
Model Number:	NA		
Serial Number:	NA		

Device/Associated Equipment:

LAS			
Device Number:	1		
Device Name:	METAL, SCRAP	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:
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FL07-125
GA-2007-19I

09/06/2007
09/06/2007

DCH
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AGREEMENT STATE EVENT REPORT
AGREEMENT STATE EVENT REPORT

Item Number: 070570

Last Updated: 09/12/2007

Narrative:

Atlantic Scrap reported that a load of scrap metal from Foss Trucking set off their radiation monitor alarms. The load was rejected and returned to Foss Trucking. A health physicist from the North Carolina Radioactive Materials Branch responded to Foss Trucking on 8/2/2007 to investigate. The load contained scrap airline parts. The health physicist located a military style compass containing Ra-226. The compass was intact with no signs of contamination. The compass was secured onsite and will be picked up by the military.

Event Date: 07/30/2007 Discovery Date: 07/30/2007 Report Date: 07/30/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: FOSS TRUCKING
NRC Docket Number: NA City: JACKSONVILLE
NRC Program Code: NA State: NC Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: JACKSONVILLE
State: NC

Additional Involved Party:

License Number: NON-LICENSEE Name: ATLANTIC SCRAP
City: WILMINGTON
State: NC Zip Code: 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

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

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT COMPASS FACE 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:
NC070038 09/12/2007 DCH AGREEMENT STATE EVENT REPORT

Narrative:

Sadoff Scrap Yard reported that a load of scrap metal set off their radiation monitor alarms on 9/28/2007. Radiation surveys using a hand-held instrument revealed 200 uR/hour on the outside of the trailer. The radioactivity was coming from a metal tank in the load. The tank was off-loaded and covered with plastic until Wisconsin DHFS could respond. The owner of the scrap load contacted DHFS on 10/1/2007 and asked for disposition advice. It was determined that the individual had attempted twice to sell the tank to Sadoff. The device was determined to be an NDC Infrared Engineering thickness gauge (model 103, serial #1189) that contained an Am-241 source with an activity of 5.6 GBq (150 mCi). The manufacturer stated that the gauge had been sold to Sabee Company on 12/12/1985. The last contact the manufacturer had with Sabee was on 11/20/1995. Sabee was contacted and DHFS was informed that they had been divided in 2002 and management had changed in 2003. DHFS investigated the incident on 10/3/2007. The gauge shutter was in place and the highest radiation reading was 0.4 mR/hour one inch from the shutter. Leak tests revealed no contamination. The gauge was bagged and taken to a licensed waste broker (QSA Global) for recycling.

Event Date: 09/28/2007 Discovery Date: 09/28/2007 Report Date: 10/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: GENERAL LICENS Name: SABEE CO.
NRC Docket Number: NA City: APPLETON
NRC Program Code: NA State: WI Zip Code: NR
Responsible NRC Region: 3

Site of Event:

Site Name: APPLETON
State: WI

Additional Involved Party:

License Number: NON-LICENSEE Name: SADOFF SCRAP YARD
City: FOND DU LAC
State: WI Zip Code: NR

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: MANAGEMENT DEFICIENCY

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 GAUGE Radionuclide or Voltage (kVp/MeV): AM-241
Manufacturer: AMERSHAM Activity: 0.15 Ci 5.55 GBq
Model Number: NR
Serial Number: NR

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: GAUGE FIXED Model Number: 105
Manufacturer: NDC INFRARED ENG Serial Number: 1189

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43681	10/05/2007		DCH	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
WI070026	11/12/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070611

Last Updated: 10/08/2007

Narrative:

A load of scrap metal that originated at Metal Recycling Services set off the radiation monitor alarms at a Kentucky facility. DOT Exemption KY-NC-07-01 was issued and the load was returned to Metal Recycling Services. The load was sorted with assistance from Union County, North Carolina, HAZMAT. An airplane compass containing Ra-226 was found to be the cause of the alarm. HAZMAT confiscated the compass and secured it at a local fire station. The North Carolina Radioactive Materials Branch will coordinate with Union County HAZMAT to properly dispose of the compass.

Event Date: 09/11/2007 Discovery Date: 09/11/2007 Report Date: 09/11/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: METAL RECYCLING SERVICES
NRC Docket Number: NA City: MONROE
NRC Program Code: NA State: NC Zip Code: 28110
Responsible NRC Region: 1

Site of Event:

Site Name: MONROE
State: NC

Additional Involved Party:

License Number: NON-LICENSEE Name: NR
City: NR
State: KY Zip Code: NR

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

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: RADIOLUMINESCENT DIAL 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:
NC070044 10/08/2007 DCH AGREEMENT STATE EVENT REPORT

Item Number: 070616

Last Updated: 10/10/2007

Narrative:

Two pallets of lead scrap from A-1 Recycling were sent to Quemetco for recycling, but were rejected on 9/20/2007 because they set off radiation monitor alarms. The Indiana State Department of Health responded to Quemetco to investigate. The maximum exposure rate on one pallet was 170 uR/hour on contact. An Exploranium GR-135 miniSpec revealed the radionuclide as Th-232. DOT Exemption IN-NC-07-01 was issued and both pallets were returned to A-1 Recycling. The North Carolina Radioactive Materials Branch (RMB) inspected the load at A-1 Recycling. Most of the material revealed radiation readings near background. However, one piece of lead sheeting had radiation levels ranging from 50 to 150 uR/hour. The radionuclide was verified as Th-232 using a portable Exploranium spectral analyzer. The piece of lead sheeting was isolated onsite and the RMB will work with A-1 Recycling to properly dispose of the sheet.

Event Date: 09/20/2007

Discovery Date: 09/20/2007

Report Date: 09/20/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS
License Number: NON-LICENSEE
NRC Docket Number: NA
NRC Program Code: NA
Responsible NRC Region: 1

Reciprocity: NONE
Name: A-1 RECYCLING
City: CONNELLY SPRINGS
State: NC Zip Code: NR

Site of Event:

Site Name: CONNELLY SPRINGS
State: NC

Additional Involved Party:

License Number: NON-LICENSEE

Name: QUEMETCO
City: INDIANAPOLIS
State: IN Zip Code: NR

Other Information:

NRC Reportable Event: N
Agreement State Reportable Event: N
Atomic Energy Act Material: Y
Consultant Hired: N
Abnormal Occurrence: N
Investigation: Y
NMED Record Complete: Y
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 OTHER
Manufacturer: NR
Model Number: NA
Serial Number: NA
Radionuclide or Voltage (kVp/MeV): TH-232
Activity: NR Ci NR GBq

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP
Manufacturer: NR
Model Number: NA
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:

Item Number: 070628

Last Updated: 12/11/2007

Narrative:

A railcar containing scrap metal from Tube City set off the radiation monitor alarms at Gallatin Steel Company on 9/20/2007. The railcar was rejected and returned to Tube City under DOT Exemption KY-AL-07-01. On 10/16/2007, personnel from the Alabama Office of Radiation Control performed surveys of the railcar and its contents. The source of radiation was found to be refractory brick with maximum radiation levels of 8 uR/hour. The material was disposed through a commercial landfill.

Event Date: 09/20/2007

Discovery Date: 09/20/2007

Report Date: 09/20/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: TUBE CITY
NRC Docket Number: NA	City: FAIRFIELD
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: FAIRFIELD
State: AL

Additional Involved Party:

License Number: NON-LICENSEE	Name: GALLATIN STEEL CO.
	City: GHENT
	State: KY Zip Code: 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

Corrective Actions Information:

Action Number: 1	Corrective Action: MATERIAL DISPOSED OF AS WASTE
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Source of Radiation:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE NORM	Radionuclide or Voltage (kVp/MeV): NR	
Manufacturer: NR	Model Number: NR	Activity: NR Ci	NR GBq
Serial Number: NR			

Device/Associated Equipment:

Device Number: 1	Device Name: CONTAMINATED METAL, SCRAP	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:
AL070042	10/16/2007		DCH	AGREEMENT STATE EVENT REPORT
AL070042A	12/11/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070631

Last Updated: 03/04/2008

Narrative:

SIMS/Hugo Neu reported that a truck from Tri-County Auto Dismantling set off their radiation monitor alarms. The scrap metal consisted of an old school bus that exhibited low levels of radiation. The load was processed and a control panel with toggle switches was identified as being radioactive. The highest radiation reading from the panel was 0.56 mR/hour. DOT Exemption CA-CA-07-35 was issued for the return, identification, and proper disposal of the contaminated items to Tri-County Auto Disposal. The California Department of Health Services (DOHS) stated that they assumed the radionuclide is Ra-226. The panel was isolated and secured at Tri-County Auto Disposal. DOHS is working to find a universal solution for the numerous scrap dealers that are currently storing old Ra-226 instruments.

Event Date: 09/28/2007

Discovery Date: 09/28/2007

Report Date: 09/28/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: SIMS/HUGO NEU
NRC Docket Number: NA	City: LONG BEACH
NRC Program Code: NA	State: CA Zip Code: 90731
Responsible NRC Region: 4	

Site of Event:

Site Name: LONG BEACH
State: CA

Additional Involved Party:

License Number: NON-LICENSEE	Name: TRI COUNTY AUTO DISMANTLING
	City: NR
	State: CA Zip Code: 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

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

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		

Device/Associated Equipment:

LAS

Device Number: 1		
Device Name: RADIOLUMINESCENT DIAL	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-XCA1161
LTR071212
LTR080229

10/17/2007
12/12/2007
03/04/2008

DCH
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DCH

AGREEMENT STATE EVENT REPORT
AGREEMENT STATE LETTER
AGREEMENT STATE LETTER

Item Number: 070646

Last Updated: 10/23/2007

Narrative:

E&H Car Crushing Company reported having two depleted uranium counter weights that weighed 170 pounds apiece. The weights contained a total activity of 2.717 GBq (73.424 mCi). Tag Number R-028 was issued and the Florida Department of Health took control of the counter weights.

Event Date: 08/22/2007

Discovery Date: 08/22/2007

Report Date: 08/28/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: E&H CAR CRUSHING CO., INC.
NRC Docket Number: NA	City: ORLANDO
NRC Program Code: NA	State: FL Zip Code: 32833
Responsible NRC Region: 1	

Site of Event:

Site Name: ORLANDO
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N	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	Radionuclide or Voltage (kVp/MeV): U-DEP
Source/Radioactive Material: UNSEALED SOURCE OTHER	Activity: 0.073424 Ci 2.716688 GBq
Manufacturer: NR	
Model Number: NA	
Serial Number: AGGREGATE	

Device/Associated Equipment:

LAS

Device Number: 1	Model Number: NA
Device Name: METAL, DEPLETED URANIUM	Serial Number: AGGREGATE
Manufacturer: NR	

Keywords:

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
FL07-127	10/23/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070649

Last Updated: 10/24/2007

Narrative:

On 8/30/2007, Commercial Metals reported that they had two bars of depleted uranium, which contained a total activity of 0.77 GBq (20.84 mCi). The Florida Department of Health responded, surveyed the bars, and impounded them under Tag R-030.

Event Date: 08/30/2007 Discovery Date: 08/30/2007 Report Date: 08/30/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	COMMERCIAL METALS
NRC Docket Number:	NA	City:	JACKSONVILLE
NRC Program Code:	NA	State:	FL Zip Code: 32236
Responsible NRC Region:	1		

Site of Event:

Site Name: JACKSONVILLE
State: FL

Additional Involved Party:

License Number:	NA	Name:	NA
		City:	NA
		State:	NA Zip Code: NA

Other Information:

NRC Reportable Event:	N	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:	UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV):	U-DEP
Manufacturer:	NR	Activity:	0.02084 Ci	0.77108 GBq	
Model Number:	NA				
Serial Number:	AGGREGATE				

Device/Associated Equipment:

LAS

Device Number:	1	Device Name:	METAL, DEPLETED URANIUM	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:
FL07-132	10/24/2007		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 070664

Last Updated: 12/12/2007

Narrative:

Ocala Recycling reported that a load from their facility set off the radiation monitor alarms at another scrap metal facility on 10/11/2007. The load was returned to Ocala Recycling. The radioactive material was identified as a pulley and wire rope. The Florida Department of Health (DOH) investigated the incident. Ocala Recycling lost track of the pulley and rope. The DOH stated that they believe the pulley and rope were caked with NORM, probably from a phosphate mine or local farm.

Event Date: 10/11/2007 Discovery Date: 10/11/2007 Report Date: 10/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: OCALA RECYCLING
NRC Docket Number: NA City: OCALA
NRC Program Code: NA State: FL Zip Code: 34475
Responsible NRC Region: 1

Site of Event:

Site Name: OCALA
State: FL

Additional Involved Party:

License Number: NA Name: NA
City: NA
State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N Abnormal Occurrence: N
Agreement State Reportable Event: Y Investigation: N
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 NOT REPORTED

Source of Radiation:

LAS
Source Number: 1
Source/Radioactive Material: UNSEALED SOURCE NORM Radionuclide or Voltage (kVp/MeV): NR
Manufacturer: NR Activity: NR Ci NR GBq
Model Number: NA
Serial Number: NA

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP 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:
FL07-155	10/30/2007		DCH	AGREEMENT STATE EVENT REPORT
LTR071212	12/12/2007		DCH	AGREEMENT STATE LETTER

Item Number: 070682

Last Updated: 11/06/2007

Narrative:

Casturo's Scrap Yard reported that a load of scrap metal from the Pittsburgh Aeronautics Institute set off their radiation monitor alarms on 5/24/2007. An investigation into the cause of the alarm discovered that radioluminescent airspeed indicator gauges, some damaged, were in the load. The gauges were segregated and placed in a container for future disposal. On 7/12/2007, the gauges were packaged and shipped for disposal by Applied Health Physics.

Event Date: 05/24/2007

Discovery Date: 05/24/2007

Report Date: 05/24/2007

Licensee/Reporting Party Information:

Agreement State Regulated: NO
License Number: NON-LICENSEE
NRC Docket Number: NA
NRC Program Code: NA
Responsible NRC Region: 1

Reciprocity: NONE
Name: CASTURO'S SCRAP YARD
City: MCKEESPORT
State: PA Zip Code: NR

Site of Event:

Site Name: MCKEESPORT
State: PA

Additional Involved Party:

License Number: NR

Name: PITTSBURGH AERONAUTICS INSTITUTE
City: PITTSBURGH
State: PA Zip Code: NR

Other Information:

NRC Reportable Event: N
Agreement State Reportable Event: N
Atomic Energy Act Material: N
Consultant Hired: N

Abnormal Occurrence: N
Investigation: Y
NMED Record Complete: Y
Event Closed by Region/State: N

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: AGGREGATE

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT DIAL

Model Number: NR

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:

PA070016

11/06/2007

DCH

OTHER

Narrative:

The Massachusetts Radiation Control Program was notified by a metal recycling company that a load of scrap set off their radiation monitor alarms on 10/29/2007. Agency personnel responded and identified the presence of Am-241. DOT Exemption SP 10656 MA-MA-07-01 was issued and the load was returned to its originator (also a metal recycler) for investigation. An Agency representative went to the site later that day and identified an NRD static eliminator (model A-2003). Solo Cup Company was contacted and responded to the site. Following a visual inspection, they promptly took responsibility for disposition of the source. It was determined that 14 NRD static eliminators (model A-2003 – see device tables for details) had been sent to the Solo Cup facility in North Andover, Massachusetts, from their facility in Somerville, Massachusetts. The static eliminators contained Am-241 sources with activities of up to 0.8 GBq (21.75 mCi – see source tables for details) each. Five static eliminators were found in a pile of aluminum scrap at the metal recycler’s facility, six were installed on process equipment at the Solo Cup facility, and the location of the other two is unknown. It was determined that the static eliminators were distributed to Sweetheart Cup between 1993 and 1995, but had never been registered with the State Agency. Sweetheart Cup was purchased by Solo Cup approximately four years ago. Investigations are ongoing and Solo Cup will hire a consultant to help them with follow-up activities.

Event Date: 10/29/2007 Discovery Date: 10/29/2007 Report Date: 10/29/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: GENERAL LICENS Name: SOLO CUP CO.
NRC Docket Number: NA City: NORTH ANDOVER
NRC Program Code: NA State: MA Zip Code: NR
Responsible NRC Region: 1

Site of Event:

Site Name: NORTH ANDOVER
State: MA

Additional Involved Party:

License Number: NA Name: NA
City: NA
State: NA Zip Code: 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: N
Consultant Hired: N Event Closed by Region/State: N

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: MANAGEMENT DEFICIENCY

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1
Source/Radioactive Material: SEALED SOURCE IONIZING Radionuclide or Voltage (kVp/MeV): AM-241
Manufacturer: NR Activity: 0.02025 Ci 0.74925 GBq
Model Number: NR
Serial Number: NR

Source Number: 10
Source/Radioactive Material: SEALED SOURCE IONIZING Radionuclide or Voltage (kVp/MeV): AM-241
Manufacturer: NR Activity: 0.009 Ci 0.333 GBq
Model Number: NR
Serial Number: NR

Source Number: 11	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.009 Ci	0.333 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 12	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.00375 Ci	0.13875 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 13	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.02175 Ci	0.80475 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 14	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.02175 Ci	0.80475 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 2	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.02025 Ci	0.74925 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 3	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.02025 Ci	0.74925 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 4	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.02025 Ci	0.74925 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 5	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.009 Ci	0.333 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 6	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.009 Ci	0.333 GBq
Model Number: NR			
Serial Number: NR			
Source Number: 7	Source/Radioactive Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	
Manufacturer: NR		Activity: 0.009 Ci	0.333 GBq
Model Number: NR			
Serial Number: NR			

Source Number: 8

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

Radionuclide or Voltage (kVp/MeV): AM-241
Activity: 0.009 Ci 0.333 GBq

Source Number: 9

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

Radionuclide or Voltage (kVp/MeV): AM-241
Activity: 0.009 Ci 0.333 GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3251

Device Number: 10

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3273

Device Number: 11

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3274

Device Number: 12

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3278

Device Number: 13

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3281

Device Number: 14

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3282

Device Number: 2

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3261

Device Number: 3

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3262

Device Number: 4

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3265

Device Number: 5

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3267

Device Number: 6

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3268

Device Number: 7

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3269

Device Number: 8

Device Name: STATIC ELIMINATOR
Manufacturer: NRD, INC.

Model Number: A-2003
Serial Number: SA-3271

Device Number: 9

Device Name: STATIC ELIMINATOR

Manufacturer: NRD, INC.

Model Number: A-2003

Serial Number: SA-3272

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND PARTIALLY FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
EN43767	11/07/2007		DCH	EVENT NOTIFICATION REPORTED FROM AN AGREEMENT STATE
LTR080523	05/28/2008		DCH	AGREEMENT STATE LETTER

Item Number: 070741

Last Updated: 12/10/2007

Narrative:

Nucor Steel reported that a load of scrap metal from Wise Recycling set off their radiation monitor alarms on 11/5/2007. The load was returned to Wise Recycling via CRCPD Exemption. A health physicist from the North Carolina Radioactive Materials Branch responded to Wise Recycling on 11/6/2007. The load was sorted and a piece of metal was found to be radioactive. The highest radiation reading from the piece of metal was 19 uR/hour. The piece of metal could not be identified, but is not part of any licensed device. A spectral analysis using a portable Exploranium analyzer did not identify the radionuclide. The item has been isolated on site and the State's radioactive waste coordinator will arrange pickup, most likely by the military.

Event Date: 11/05/2007

Discovery Date: 11/05/2007

Report Date: 11/05/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	WISE RECYCLING
NRC Docket Number:	NA	City:	CLAYTON
NRC Program Code:	NA	State:	NC Zip Code: NR
Responsible NRC Region:	1		

Site of Event:

Site Name: CLAYTON
State: NC

Additional Involved Party:

License Number:	NC-046-1152-1	Name:	NUCOR STEEL
		City:	COFIELD
		State:	NC Zip Code: NR

Other Information:

NRC Reportable Event:	N	Abnormal Occurrence:	N
Agreement State Reportable Event:	N	Investigation:	Y
Atomic Energy Act Material:	U	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 OTHER
Manufacturer: NR
Model Number: NA
Serial Number: NA
Radionuclide or Voltage (kVp/MeV): NR
Activity: NR Ci NR GBq

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: CONTAMINATED METAL, SCRAP
Manufacturer: NR
Model Number: NA
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:

Item Number: 080014

Last Updated: 01/08/2008

Narrative:

Trademark Metals reported that a load of scrap metal set off their radiation monitor alarms. DOT Exemption FL-FL-07-060 was issued and the load was returned to the owner (private individual). The owner found a radium gauge that contained an activity of 0.34 MBq (9.12 uCi). Tag #R-032 was issued and the gauge was impounded. The gauge is being held at the Florida Department of Health for eventual disposal.

Event Date: 09/26/2007 Discovery Date: 09/26/2007 Report Date: 09/27/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: TRADEMARK METALS
NRC Docket Number: NA City: TAMPA
NRC Program Code: NA State: FL Zip Code: 33605
Responsible NRC Region: 1

Site of Event:

Site Name: SEBRING
State: FL

Additional Involved Party:

License Number: NON-LICENSEE Name: PRIVATE INDIVIDUAL
City: SEBRING
State: FL Zip Code: 33870

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: 0.00000912 Ci 0.00033744 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

Keywords:

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

References:

Reference Number: Entry Date: Retraction Date: Coder Initials: Reference Type:
FL07-141 01/08/2008 DCH AGREEMENT STATE EVENT REPORT

Item Number: 080015

Last Updated: 01/08/2008

Narrative:

Trademark Metals reported finding radioactive material at their facility. The Florida Department of Health advised them to shield the items and place them in a secure area pending investigation. The State investigator found and confiscated three check sources that contained Cs-137, with a total activity of 0.08 MBq (2.14 uCi). Tag #R-034 was issued and the sources were impounded. The sources were transported to the DOH Orlando, Florida, facility for processing and storage, pending disposal.

Event Date: 10/01/2007 Discovery Date: 10/01/2007 Report Date: 10/02/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	TRADEMARK METALS
NRC Docket Number:	NA	City:	ROCKLEDGE
NRC Program Code:	NA	State:	FL Zip Code: 32955
Responsible NRC Region:	1		

Site of Event:

Site Name: ROCKLEDGE
State: FL

Additional Involved Party:

License Number:	NA	Name:	NA
		City:	NA
		State:	NA Zip Code: NA

Other Information:

NRC Reportable Event:	N	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 CALIB/MARKER Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: NR Activity: 0.00000214 Ci 0.00007918 GBq
Model Number: 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:
FL07-143	01/08/2008		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 080029

Last Updated: 01/16/2008

Narrative:

A railcar (#DJJX7112) carrying scrap metal from Southern Metals set off the radiation monitor alarms at Arcelormittal. DOT Exemption SC-GA-07-02 was issued and the railcar was returned to Southern Metals. Elevated radiation levels of between 30 and 40 uSv/hour (3 and 4 mrem/hour) were detected throughout the length of the railcar. The INL has requested additional information for this event.

Event Date: 12/04/2007 Discovery Date: 12/04/2007 Report Date: 12/05/2007

Licensee/Reporting Party Information:

Agreement State Regulated:	YS	Reciprocity:	NONE
License Number:	NON-LICENSEE	Name:	SOUTHERN METALS
NRC Docket Number:	NA	City:	SAVANNAH
NRC Program Code:	NA	State:	GA Zip Code: NR
Responsible NRC Region:	1		

Site of Event:

Site Name: SAVANNAH
State: GA

Additional Involved Party:

License Number:	NON-LICENSEE	Name:	ARCELORMITTAL
		City:	GEORGETOWN
		State:	SC Zip Code: NR

Other Information:

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

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS
Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:
LAS
1 NOT REPORTED

Source of Radiation:

LAS

Source Number:	1		
Source/Radioactive Material:	UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV):	NR
Manufacturer:	NR	Activity:	NR Ci NR GBq
Model Number:	NA		
Serial Number:	NA		

Device/Associated Equipment:

LAS

Device Number:	1		
Device Name:	CONTAMINATED METAL, SCRAP	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:
GA-2007-301	01/16/2008		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 080033

Last Updated: 03/31/2008

Narrative:

Aaron Metals reported the discovery of five pieces of metal labeled "D grade uranium." One piece is a cylinder that measured 3.9 mR/hour on contact. The other four pieces measured 3.12 mR/hour on contact. The five pieces of depleted uranium, which are believed to have been used by the aircraft industry as counter balances on airplanes, were secured by the California Health and Human Services Agency. The pieces are being stored pending disposal.

Event Date: 09/08/2007 Discovery Date: 09/08/2007 Report Date: 09/08/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: AARON METALS
NRC Docket Number: NA	City: OAKLAND
NRC Program Code: NA	State: CA Zip Code: 94603
Responsible NRC Region: 4	

Site of Event:

Site Name: OAKLAND
State: CA

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N	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: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): U-DEP		
Manufacturer: NR	Activity: NR Ci		NR GBq
Model Number: NA			
Serial Number: NA			
Source Number: 2			
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): U-DEP		
Manufacturer: NR	Activity: NR Ci		NR GBq
Model Number: NA			
Serial Number: NA			
Source Number: 3			
Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): U-DEP		
Manufacturer: NR	Activity: NR Ci		NR GBq
Model Number: NA			
Serial Number: NA			

Source Number: 4

Source/Radioactive Material: UNSEALED SOURCE OTHER
Manufacturer: NR
Model Number: NA
Serial Number: NA

Radionuclide or Voltage (kVp/MeV): U-DEP
Activity: NR Ci NR GBq

Source Number: 5

Source/Radioactive Material: UNSEALED SOURCE OTHER
Manufacturer: NR
Model Number: NA
Serial Number: NA

Radionuclide or Voltage (kVp/MeV): U-DEP
Activity: NR Ci NR GBq

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: METAL, DEPLETED URANIUM
Manufacturer: NR

Model Number: NA
Serial Number: NA

Device Number: 2

Device Name: METAL, DEPLETED URANIUM
Manufacturer: NR

Model Number: NA
Serial Number: NA

Device Number: 3

Device Name: METAL, DEPLETED URANIUM
Manufacturer: NR

Model Number: NA
Serial Number: NA

Device Number: 4

Device Name: METAL, DEPLETED URANIUM
Manufacturer: NR

Model Number: NA
Serial Number: NA

Device Number: 5

Device Name: METAL, DEPLETED URANIUM
Manufacturer: NR

Model Number: NA
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-XCA1199	01/16/2008		DCH	AGREEMENT STATE EVENT REPORT
LTR080326	03/31/2008		DCH	AGREEMENT STATE LETTER

Item Number: 080034

Last Updated: 03/31/2008

Narrative:

Urban Ore reported a returned shipment of scrap metal from Standard Metals. The radiation monitor alarms were set off at Standard Metals on 10/17/2007, but the radiation readings were not recorded. Urban Ore requested assistance in finding and disposing the radioactive material. On 10/18/2007, California Health and Human Services Agency inspectors responded to Urban Ore. A Cs-137 source, containing an activity of less than 0.37 MBq (10 uCi), was found in the load of scrap metal. The source was wipe tested with negative results. The Agency took possession of the source and will keep it in custody pending disposal.

Event Date: 10/17/2007

Discovery Date: 10/17/2007

Report Date: 10/17/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: URBAN ORE
NRC Docket Number: NA	City: BERKELEY
NRC Program Code: NA	State: CA Zip Code: 94710
Responsible NRC Region: 4	

Site of Event:

Site Name: BERKELEY
State: CA

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: NA

Other Information:

NRC Reportable Event: N	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:

Source Number: 1	Source/Radioactive Material: SEALED SOURCE CALIB/MARKER	Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: NR	Model Number: NR	Activity: 0.00001 Ci 0.00037 GBq
Serial Number: NR		

Device/Associated Equipment:

Device Number: 1	Device Name: CONTAMINATED METAL, SCRAP	Model Number: NA
Manufacturer: NR		Serial Number: NA

Keywords:

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

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
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CA-XCA1200
LTR080326

01/16/2008
03/31/2008

DCH
DCH

AGREEMENT STATE EVENT REPORT
AGREEMENT STATE LETTER

Item Number: 080035

Last Updated: 04/23/2008

Narrative:

A load of scrap metal from Ansam Metals set off the radiation monitor alarms at CronMet on 11/26/2007. The load was returned to Ansam Metals. One piece of stainless steel approximately four feet long and two feet wide, with fashioned holes, was found to be radioactive. On 12/5/2007, Alabama Office of Radiation Control (AORC) personnel responded to the site to perform surveys and analysis. Maximum radiation levels of 70 uR/hour were noted. The radionuclide was identified as natural uranium with an estimated activity of 5.96 MBq (161.1 uCi). The material was transferred to a radioactive waste broker on 2/27/2008 for disposal.

Event Date: 11/26/2007

Discovery Date: 11/26/2007

Report Date: 11/26/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: ANSAM METALS
NRC Docket Number: NA	City: DECATUR
NRC Program Code: NA	State: AL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: DECATUR
State: AL

Additional Involved Party:

License Number: NON-LICENSEE	Name: CRONMET
	City: DECATUR
	State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N	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:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE NORM	Radionuclide or Voltage (kVp/MeV): U-NAT
Manufacturer: NR	Model Number: NA	Activity: 0.0001811 Ci 0.0067007 GBq
Serial Number: NA		

Device/Associated Equipment:

Device Number: 1	Device Name: CONTAMINATED METAL, SCRAP	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:
AL070055	01/17/2008		DCH	AGREEMENT STATE EVENT REPORT

LTR080222
AL070055A

02/25/2008
04/23/2008

DCH
DCH

AGREEMENT STATE LETTER
AGREEMENT STATE EVENT REPORT

Item Number: 080202

Last Updated: 04/07/2008

Narrative:

Trademark Metals Recycling reported possessing four metal objects that read between 400 and 900 uR/hour. Tag number R-022 was assigned; the objects were impounded and will be held for disposal. The four items were folded inside of sheet steel. They were determined to be military vehicle gauges containing 0.59 MBq (15.9 uCi) of Ra-226.

Event Date: 05/10/2007

Discovery Date: 05/10/2007

Report Date: 05/10/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: TRADEMARK METALS RECYCLING

NRC Docket Number: NA

City: TAMPA

NRC Program Code: NA

State: FL Zip Code: NR

Responsible NRC Region: 1

Site of Event:

Site Name: TAMPA

State: FL

Additional Involved Party:

License Number: NA

Name: NA

City: NA

State: NA Zip Code: 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: 0.0000159 Ci 0.0005883 GBq

Model Number: NA

Serial Number: AGGREGATE

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: RADIOLUMINESCENT DIAL

Model Number: NR

Manufacturer: NR

Serial Number: AGGREGATE

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: FL07-077

Entry Date: 04/07/2008

Retraction Date:

Coder Initials: DCH

Reference Type:

AGREEMENT STATE EVENT REPORT

Item Number: 080203

Last Updated: 04/07/2008

Narrative:

Commercial Metals reported finding an aircraft radium compass at their facility on 11/21/2007. The compass contained 0.26 MBq (7.03 uCi) of Ra-226. Tag R-037 was issued and a Florida Department of Health inspector picked up the item for disposal.

Event Date: 11/21/2007 Discovery Date: 11/21/2007 Report Date: 11/28/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: COMMERCIAL METALS
NRC Docket Number: NA	City: OCALA
NRC Program Code: NA	State: FL Zip Code: 34475
Responsible NRC Region: 1	

Site of Event:

Site Name: OCALA
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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: 0.0000703 Ci 0.00026011 GBq
Model Number: NA	
Serial Number: NA	

Device/Associated Equipment:

LAS

Device Number: 1	
Device Name: RADIOLUMINESCENT DIAL	Model Number: NR
Manufacturer: NR	Serial Number: NR

Keywords:

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

References:

Reference Number: FL07-179	Entry Date: 04/07/2008	Retraction Date:	Coder Initials: DCH	Reference Type: AGREEMENT STATE EVENT REPORT
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Item Number: 080204

Last Updated: 04/07/2008

Narrative:

Trademark Metals reported finding a small piece of metal that was radioactive. They were advised to shield the item and place it in a secure area. A Florida Department of Health inspector responded and identified what looked like pieces of a smoke detector. The item contained 0.031 MBq (0.83 uCi) of Ra-226. Tag R-038 was assigned and the inspector impounded the item for disposal.

Event Date: 11/28/2007

Discovery Date: 11/28/2007

Report Date: 12/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NON-LICENSEE

Name: TRADEMARK METALS

NRC Docket Number: NA

City: ROCKLEDGE

NRC Program Code: NA

State: FL Zip Code: 32955

Responsible NRC Region: 1

Site of Event:

Site Name: ROCKLEDGE

State: FL

Additional Involved Party:

License Number: NA

Name: NA

City: NA

State: NA Zip Code: 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: SEALED SOURCE IONIZING

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

Manufacturer: NR

Activity: 0.00000083 Ci 0.00003071 GBq

Model Number: NR

Serial Number: NR

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: DETECTOR, SMOKE

Model Number: NR

Manufacturer: NR

Serial Number: NR

Keywords:

LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number: FL07-182

Entry Date: 04/07/2008

Retraction Date:

Coder Initials: DCH

Reference Type:

AGREEMENT STATE EVENT REPORT

Item Number: 080205

Last Updated: 04/07/2008

Narrative:

Commercial Metals reported finding a six-inch diameter radioluminescent dial (marine compass) that contained 0.093 MBq (2.5 uCi) of Ra-226. Tag number R-039 was issued and a Florida Department of Health inspector impounded the item for disposal.

Event Date: 12/03/2007 Discovery Date: 12/03/2007 Report Date: 12/12/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: COMMERCIAL METALS
NRC Docket Number: NA	City: JACKSONVILLE
NRC Program Code: NA	State: FL Zip Code: 32236
Responsible NRC Region: 1	

Site of Event:

Site Name: JACKSONVILLE
State: FL

Additional Involved Party:

License Number: NA	Name: NA
	City: NA
	State: NA Zip Code: 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: UNSEALED SOURCE LUMINOUS	Radionuclide or Voltage (kVp/MeV): RA-226
Manufacturer: NR	Activity: 0.0000025 Ci 0.0000925 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

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:
FL07-189	04/07/2008		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 080206

Last Updated: 04/07/2008

Narrative:

E&H Car Crushing reported that their truck containing metal scrap set off the radiation monitor alarms at a facility in Anniston, Alabama. DOT Exemption AL-FL-07-06 was issued and the load was returned to E&H. Counter weights containing 0.47 GBq (12.615 mCi) of depleted uranium were located. Tag R-040 was issued and the counter weights were impounded for disposal.

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

Licensee/Reporting Party Information:

Agreement State Regulated: YS Reciprocity: NONE
License Number: NON-LICENSEE Name: E&H CAR CRUSHING CO.
NRC Docket Number: NA City: ORLANDO
NRC Program Code: NA State: FL Zip Code: 32833
Responsible NRC Region: 1

Site of Event:

Site Name: ORLANDO
State: FL

Additional Involved Party:

License Number: NON-LICENSEE Name: NR
City: ANNISTON
State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N 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: UNSEALED SOURCE OTHER Radionuclide or Voltage (kVp/MeV): U-DEP
Manufacturer: NR Activity: 0.012615 Ci 0.466755 GBq
Model Number: NA
Serial Number: AGGREGATE

Device/Associated Equipment:

LAS
Device Number: 1
Device Name: METAL, DEPLETED URANIUM Model Number: NA
Manufacturer: NR Serial Number: AGGREGATE

Keywords:

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

References:

Reference Number: FL07-192 **Entry Date:** 04/07/2008 **Retraction Date:** **Coder Initials:** DCH **Reference Type:** AGREEMENT STATE EVENT REPORT

Item Number: 080207

Last Updated: 04/07/2008

Narrative:

Aero Aircraft Services reported that their dump truck containing scrap metal set off the radiation monitor alarms at a facility in Anniston, Alabama. DOT Exemption AL-FL-07-07 was issued and the load was returned to Aero Aircraft Services. It was determined that the radioactive material was counter weights that contained 0.17 GBq (4.535 mCi) of depleted uranium. Aero Aircraft Services will dispose of the counter weights through provided brokers.

Event Date: 12/12/2007 Discovery Date: 12/12/2007 Report Date: 12/13/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS	Reciprocity: NONE
License Number: NON-LICENSEE	Name: AERO AIRCRAFT SERVICES
NRC Docket Number: NA	City: MIAMI
NRC Program Code: NA	State: FL Zip Code: NR
Responsible NRC Region: 1	

Site of Event:

Site Name: MIAMI
State: FL

Additional Involved Party:

License Number: NON-LICENSEE	Name: NR
	City: ANNISTON
	State: AL Zip Code: NR

Other Information:

NRC Reportable Event: N	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:

Source Number: 1	Source/Radioactive Material: UNSEALED SOURCE OTHER	Radionuclide or Voltage (kVp/MeV): U-DEP
Manufacturer: NR	Model Number: NA	Activity: 0.004535 Ci 0.167795 GBq
Serial Number: AGGREGATE		

Device/Associated Equipment:

Device Number: 1	Device Name: METAL, DEPLETED URANIUM	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:
FL07-195	04/07/2008		DCH	AGREEMENT STATE EVENT REPORT

Item Number: 080222

Last Updated: 04/15/2008

Narrative:

A railcar from Shapiro Recycling set off the radiation monitor alarms at a facility in Alabama on 3/22/2007. Alabama Radiation Control authorities issued a DOT Exemption and the railcar was returned to Shapiro Recycling. Investigation determined that the radioactive material was an NRD static eliminator (serial #SA2167) containing Am-241. The device was secured on site. Tennessee Department of Radiological Health (DRH) staff contacted NRD and it was revealed that the device contained an activity of 0.28 GBq (7.5 mCi). The static eliminator was produced in October 1980 and sold to Standard Register of Ohio located in Dayton, Ohio. NRD sent a Type A container to DRH with all necessary labeling. The device was packaged and shipped to NRD. The INL has requested additional information for this event.

Event Date: 03/22/2007

Discovery Date: 03/22/2007

Report Date: 03/22/2007

Licensee/Reporting Party Information:

Agreement State Regulated: YS

Reciprocity: NONE

License Number: NR

Name: STANDARD REGISTER OF OHIO

NRC Docket Number: NA

City: DAYTON

NRC Program Code: NA

State: OH Zip Code: NR

Responsible NRC Region: 3

Site of Event:

Site Name: DAYTON

State: OH

Additional Involved Party:

License Number: NON-LICENSEE

Name: SHAPIRO RECYCLING

City: DICKSON

State: TN Zip Code: 37056

Other Information:

NRC Reportable Event: Y

Abnormal Occurrence: N

Agreement State Reportable Event: Y

Investigation: N

Atomic Energy Act Material: Y

NMED Record Complete: R

Consultant Hired: N

Event Closed by Region/State: N

Event Type:

LAS - LOST/ABANDONED/STOLEN

Event Cause:

LAS

Cause: NOT REPORTED

Corrective Actions Information:

Action Number: Corrective Action:

LAS

1 NOT REPORTED

Source of Radiation:

LAS

Source Number: 1

Source/Radioactive Material: SEALED SOURCE IONIZING

Radionuclide or Voltage (kVp/MeV): AM-241

Manufacturer: NR

Activity: 0.0075 Ci 0.2775 GBq

Model Number: NR

Serial Number: NR

Device/Associated Equipment:

LAS

Device Number: 1

Device Name: STATIC ELIMINATOR

Model Number: NR

Manufacturer: NRD, INC.

Serial Number: SA2167

Reporting Requirements:

LAS

Reporting Requirement: 20.2201(a)(1)(i) - Lost, stolen, or missing licensed material in a quantity greater than or equal to 1,000 times the Appendix C quantities.

Keywords:

LAS

MATERIAL LOST AND FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

Reference Number:	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
TN07047	04/15/2008		DCH	AGREEMENT STATE EVENT REPORT