# **Full Report**

Last Updated: 04/25/2007

#### Item Number: 070062

#### 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 Da	ite: 01/24/2007	Discovery Date:	01/24/2007	Report Date: 0	1/24/2007
Licensee/Reporting Party In Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	formation: : YS NR NR NR 4	Reciprocity: Name: I City: I State: WA	NONE NR NR Zip Code: NR	۱	
Site Name: TACOMA State: WA					
Additional Involved Party: License Number:	NON-LICENSEE	Name: City: State: WA	SCHNITZER STEE TACOMA Zip Code: NR	L	
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	N e Event: Y N Y	Abnormal Oc Investigation NMED Recor Event Closed	currence: rd Complete: I by Region/State:	N Y Y- Y	
Event Type: LAS - LOST/ABANDONED/ST Event Cause: LAS Cause: NOT REPORTE Old Cause: NOT REPORTE Corrective Actions Informat Action Number: Corrective LAS 1 MATERIA	TOLEN ED ion: 9 Action: AL DISPOSED OF AS WA	STE			
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	I: UNSEALED SOURCE NR NA AGGREGATE	OTHER	Radionuclide or V Activity:	oltage (kVp/MeV): 1 0.000081	RA-226 Ci 0.002997 GBq
Device/Associated Equipme LAS Device Number: 1 Device Name: CONTA Manufacturer: NR Keywords: LAS	MINATED METAL, SCRA	Ρ	Model Number: Serial Number:	NA AGGREGAT	Έ

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

#### 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.

Ev	ent Date:	01/04/2007	Discovery	/ Date:	01/04/2007	Report Date:	01/04/2007	
Licensee/Reporting P Agreement State Reg License Number: NRC Docket Number NRC Program Code: Responsible NRC Re	arty Inform gulated: YS NO : NA : NA gion: 1	ation: N-LICENSEE	Recip Namo City: State	procity: N e: R A : GA	ONE EGIONAL REI TLANTA Zip Code:	CYCLING NR		
Site of Event: Site Name: ATLANT State: GA	A							
Additional Involved P License Number:	arty: NO	N-LICENSEE	Name City State	e: G C	ERDAU AMEI ARTERSVILL Zip Code:	RISTEEL E NR		
Other Information: NRC Reportable Eve Agreement State Rep Atomic Energy Act M Consultant Hired:	nt: portable Eve aterial:	U nt: Y U N	Abno Inves NME Even	ormal Oco atigation: D Record t Closed	urrence: I Complete: by Region/Sta	N Y R te: N		
Event Type: LAS - LOST/ABANDOR Event Cause: LAS Cause: NOT RE Old Cause: NOT RE Old Cause: NOT RE Corrective Actions In Action Number: Co LAS 1 NC	NED/STOLE PORTED PORTED formation: prrective Action	EN .						·
Source of Radiation: LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 Material: UI NF NA NA	YSEALED SOURCE	OTHER		Radionuclide Activity:	or Voltage (kVp/Me	V): NR NR Ci	NR GBq
Device/Associated Ec LAS Device Number: 4 Device Name: 4 Manufacturer: 1	quipment: I CONTAMIN/ NR	ATED METAL, SCRA	P		Model Numbe Serial Numbe	er: NA r: NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN I	_ANDFILL/II	NCINERATOR/SCRA	P METAL					
Reference Number: GA-2007-01I	<b>Entry D</b> 02/14/2	Date: Retraction	Date: Co DC	der Initia	als: Referen AGREE	n <b>ce Type:</b> EMENT STATE EVE	NT REPORT	

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#### Narrative:

Gerdau 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.

E	vent Date: 0	1/11/2007	Discovery Date:	01/11/2007	Report Date:	01/11/2007	
Licensee/Reporting	Party Informati	ion:					
Agreement State Re License Number: NRC Docket Number NRC Program Code Responsible NRC F	egulated: YS NON- er: NA e: NA Region: 1	LICENSEE	Reciprocity: Name: City: State: GA	NONE GEORGIA & FLOF ALBANY Zip Code: N	RIDA RAIL LINE		
Site of Event: Site Name: ALBAN State: GA	iY						
Additional Involved License Number:	Party: NON-	LICENSEE	Name: City: State: TN	GERDAU AMERIS JACKSON Zip Code: N	STEEL R		
Other Information: NRC Reportable Ev Agreement State Re Atomic Energy Act Consultant Hired:	vent: eportable Event Material:	U Y U N	Abnormal O Investigation NMED Reco Event Close	ccurrence: n: ord Complete: d by Region/State:	N Y R N		
Event Type:					,		
LAS - LOST/ABANDO Event Cause: LAS Cause: NOT R Old Cause: NOT R Corrective Actions I Action Number: C LAS 1 N Source of Radiation	ONED/STOLEN EPORTED Information: Corrective Action	і: D		· · ·		·	
Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 Material: UNS NR NA	EALED SOURCE C	THER	Radionuclide or Activity:	Voltage (kVp/MeV) I	): NR NR Ci	NR GBq
	0						
Source/Radioactive Manufacturer: Model Number: Serial Number:	z Material: UNS NR NA NA	EALED SOURCE C	DTHER	Radionuclide or Activity:	Voltage (kVp/MeV) I	I: NR NR Ci	NR GBq
Device/Associated E	Equipment:	2					
Device Number: Device Name: Manufacturer:	1 CONTAMINAT NR	ED METAL, SCRAF	5	Model Number: Serial Number:	NA NA		
<b>Device Number:</b> Device Name: Manufacturer:	2 CONTAMINAT NR	ED METAL, SCRAF	•	Model Number: Serial Number:	NA		

# Keywords:

# LAS

MATERIAL FOUND

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

References:

<b>Reference Number:</b>	Entry Date:	Retraction Date:	Coder Initials:	Reference Type:
GA-2007-02I	02/14/2007		DCH	AGREEMENT STATE EVENT REPORT

#### Narrative:

Gerdau 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.

Eve	ent Date:	01/26/2007	Discovery Date:	01/26/2007	Report Date:	01/26/2007	
Licensee/Reporting P Agreement State Reg License Number: NRC Docket Number: NRC Program Code: Responsible NRC Res	arty Informa julated: YS NON : NA NA gion: 1	ation: N-LICENSEE	Reciprocity: Name: City: State: GA	NONE OCONEE METALS COVINGTON Zip Code: Ni	RECYCLING		
Site of Event: Site Name: COVING State: GA	TON						
Additional Involved Pa License Number:	arty: NON	N-LICENSEE	Name: City: State: GA	GERDAU AMERIS CARTERSVILLE Zip Code: NI	TEEL		
Other Information: NRC Reportable Ever Agreement State Rep Atomic Energy Act Ma Consultant Hired:	nt: portable Ever aterial:	N nt: Y Y N	Abnormal Oo Investigation NMED Reco Event Closed	ccurrence: : rd Complete: d by Region/State:	N Y Y Y		
Event Type: LAS - LOST/ABANDON Event Cause: LAS Cause: NOT REF Old Cause: NOT REF Old Cause: NOT REF Corrective Actions Inf Action Number: Co LAS 1 MA	NED/STOLE PORTED PORTED formation: rrective Action		\STE				
Source of Radiation: LAS Source Number: Source/Radioactive M Manufacturer: Model Number: Serial Number:	1 Material: UN NR NA NA	ISEALED SOURCE	NORM	Radionuclide or \ Activity:	/oltage (kVp/MeV	): TH-232 NR Ci	NR GBq
Device/Associated Eq LAS Device Number: 1 Device Name: C Manufacturer: N	IUIPMENT: I CONTAMINA NR	TED METAL, SCRA	۱P	Model Number: Serial Number:	NA NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN L References:	ANDFILL/IN	ICINERATOR/SCRA	AP METAL				、
Reference Number:	Entry D	ate: Retraction	Date: Coder Init	ials: Reference	Туре:		

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#### 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 Dat	te:	12/18/2006	Discovery Date:	02/16/2007	Report Date:	02/20/2007	
Licensee/Reporting Party Inf	orma	tion:					
Agreement State Regulated:	NO		Reciprocity:	NONE			
License Number:	GEN	IERAL LICENS	Name:	ENVIRONMENTAL	PROTECTION A	GENCY	
NRC Docket Number:	9999	0001	City:	EDISON			
NRC Program Code:	NR		State: NJ	Zip Code: 08	837		
Responsible NRC Region:	1	×					
Site of Event:							
Site Name: EDISON							
State: NJ							
Additional Involved Party:							
License Number:	NON	I-LICENSEE	Name:	MASER CANADA.	INC.		
			City:	BARRIE, ONTARIO	)		
			State: CN	Zip Code: NR	ł		
Other Information:				·			
NRC Reportable Event		Y	Abnormal O	courrence:	N		
Agreement State Reportable	Even	it: N	Investigation	i:	Y		
Atomic Energy Act Material:		Y	NMED Reco	rd Complete:	Y		
Consultant Hired:		N	Event Close	d by Region/State:	Y		
1 1 5							
		AL.					
Event Cause:	ULEI	N					
LAS			Ň				
Cause: DEFECTIVE OR			IRF				
Old Cause: NOT REPORTE	П						
Corrective Actions Informati	on:						
Action Number: Corrective	Actic	on:					
LAS							
1 PROCEDU	URE I	MODIFIED					
Source of Radiation:							
LAS							
Source Number: 1							
Source/Radioactive Material	: SE	ALED SOURCE GAU	GE	Radionuclide or V	oltage (kVp/MeV)	: CM-244	
Manufacturer:	NR			Activity:		0.1 Ci	3.7 GBg
Model Number:	NR			•		-	
Serial Number:	195	51LM					
Source Number: 2							
Source/Radioactive Material	. SE		CE.	Padionuclido or V		· AM 241	
Manufacturer:	. 3C. NP	ALLD GOUNCE GAU					1 11 CP~
Model Number				Activity.	0.		ни вра
Serial Number:	276	51 X					
Sona Hambol.	210						

Device/Associated Equipment: LAS

Device Number:	1
Device Name:	FLUORESCENCE ANALYZER
Manufacturer:	METOREX CORP.

Model Number: Serial Number: **XMET 880** 144216

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#### **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:	<b>Retraction Date:</b>	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

### 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:	)1/04/2007
Licensee/Reporting Part Agreement State Regula License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regio Site of Event:	y Informa ated: YS NON NA NA n: 1	tion: -LICENSEE	Reciprocity: Name: City: State: FL	NONE CMC JACKSONVILLE Zip Code: 32	2254	
Site Name: JACKSONV State: FL	(ILLE					
Additional Involved Part License Number:	y: NA		Name: City: State: NA	NA NA Zip Code: N/	A	v
Other Information: NRC Reportable Event: Agreement State Report Atomic Energy Act Mate Consultant Hired:	able Even rial:	N t: Y N N	Abnormal O Investigation NMED Reco Event Close	ccurrence: n: ord Complete: d by Region/State:	N Y Y Y	
Event Type: LAS - LOST/ABANDONE Event Cause: LAS Cause: NOT REPO Old Cause: NOT REPO Corrective Actions Infor Action Number: Corre LAS 1 NO C	D/STOLEN RTED RTED mation: ctive Actio	N DN: VE ACTION TAKEN	1			
Source of Radiation: LAS Source Number: Source/Radioactive Mate Manufacturer: Model Number: Serial Number:	1 erial: UN NR NA AG	SEALED SOURCE I GREGATE	LUMINOUS	Radionuclide or \ Activity:	Voltage (kVp/MeV): 0.000001672	RA-226 ?Ci 6.1864E-05 GBq
Device/Associated Equip LAS Device Number: 1 Device Name: RAI Manufacturer: NR	oment: DIOLUMIN	IESCENT DIAL		Model Number: Serial Number:	NA AGGREGA	TE .
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAN References:	NDFILL/IN	CINERATOR/SCRA	P METAL			
<b>Reference Number:</b> FL07-003	Entry Da 02/27/20	ete: Retraction	Date: Coder Ini DCH	tials: Reference AGREEME	Type: ENT STATE EVENT I	REPORT

#### Narrative:

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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 Info	rmation:				
Agreement State R License Number: NRC Docket Numb NRC Program Cod	egulated: Y F er: N e: N	YS FL-1091-3 NA NA	Reciprocity: Name: City: State: FL	NONE FLORIDA POWER & WEST PALM BEAC Zip Code: NR	& LIGHT H	
Responsible NRC I	Region: 1	1				
Site of Event: Site Name: WEST State: FL	PALM BE	ACH				
Additional Involved	Party:					i.
License Number:	1	NON-LICENSEE	Name: City: State: FL	TRADE MARK MET RIVIERA BEACH Zip Code: NR	ALS	
Other Information:						
NRC Reportable Ev Agreement State R	vent: eportable E	N Event: Y	Abnormal O Investigatior	ccurrence: N	N K	
Atomic Energy Act	Material:	Y	NMED Reco	ord Complete:	(	
Consultant Hired:		N	Event Close	d by Region/State: Y	(	
Event Type:			·····			
Event Cause:						
LAS						
Cause: MANA Old Cause: LOSS	GEMENT D	DEFICIENCY				
Corrective Actions	Informatio	n:				
Action Number: (	Corrective A	Action:				
1 1	NOT REPO	RTED				
Source of Radiation	:					
Source Number:	1					
Source/Radioactive	e Material:	SEALED SOURCE GAU	JGE	Radionuclide or Vo	oltage (kVp/MeV):	TH-232
Manufacturer:		NR		Activity:	0.00001	15 Ci 0.000555 GBq
Model Number:		NR				
Serial Number:		NR				
Source Number:	2					
Source/Radioactive	e Material:	SEALED SOURCE GAU	JGE	Radionuclide or Vo	oltage (kVp/MeV):	TH-232
Manufacturer:		NR		Activity:	0.00001	15 Ci 0.000555 GBq
Model Number:		NR				
Serial Number:		NR				
Device/Associated	Equipment	::				
LAS						
Device Number:	1					
Device Name:	GAUGE F	IXED		Model Number:	NR	
Manufacturer:	GENERA	LELECTRIC		Serial Number:	NR	

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

#### 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.

E	Event Date:	01/30/2007	Discovery Date:	01/30/2007	Report Date:	01/30/2007	
Licensee/Reporting Agreement State R License Number: NRC Docket Numb	Party Inform egulated: YS NC er: NA	nation: S DN-LICENSEE A	Reciprocity: Name: City: State: CA	NONE ADAMS STEEL ANAHEIM Zin Code:	92806		
Responsible NRC F	Region: 4	•			02000		
Site of Event: Site Name: ANAHI State: CA	EIM						
Additional Involved	Party:						
License Number:	NC	DN-LICENSEE	Name: City:	NR NR			
		•	State: CH	Zip Code:	NA		
Other Information:	(ont:	~	Abnormal O	currence.	N		
Agreement State R	eportable Ev	ent: Y	Investigation	:	Y		
Atomic Energy Act	Material:	Y	NMED Reco	rd Complete:	Ŷ		
Consultant Hired:		N	Event Close	d by Region/State	9: Y		
Cause: NOT R Old Cause: NOT R Corrective Actions I Action Number: ( LAS 1 I	EPORTED EPORTED Information: Corrective Ac	tion:	WASTE	J			
Source of Radiation							
LAS							
Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 e Material: L N N	JNSEALED SOUR IR IA IA	CE OTHER	Radionuclide o Activity:	r Voltage (kVp/MeV	): U-DEP NR Ci	NR GBq
Device/Associated I	Equipment:						
LAS							
Device Number:	1						
Device Name:	METAL, DE	EPLETED URANIU	M	Model Number	: NA		
manuracturer:	INFC			Serial Number:	NA		
Reporting Requiren	nents:						
Reporting Requirer	ment: 20.22	201(a)(1)(ii) - Lost, titios	stolen, or missing licer	sed material in a	quantity greater that	in 10 times the <i>i</i>	Appendix C

#### 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

#### Last Updated: 11/12/2007

#### 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/fixed 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 Dat	e: 03/01/2007	Discovery Date:	03/01/2007	Report Date: 0	3/02/2007
Licensee/Reporting Party Inf Agreement State Regulated: License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region: Site of Event: Site Name: CARLSTADT	ormation: NO GENERAL LICE 99990001 NA 1	ENS Name: City: State: NJ	NONE GENERAL VY-COAT CARLSTADT Zip Code: 070	72	
State: NJ					
Additional Involved Party: License Number:	NON-LICENSE	E Name: City: State: NJ	SIMS HUGO NEU JERSEY CITY Zip Code: NR		
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	Y Event: N Y N	Abnormal Or Investigation NMED Reco Event Close	ccurrence: N : Y rd Complete: Y d by Region/State: Y	l , ,	
LAS - LOST/ABANDONED/ST Event Cause: LAS Cause: MANAGEMENT Old Cause: NOT REPORTE Corrective Actions Information Action Number: Corrective LAS 1 IMPROVE	OLEN DEFICIENCY D on: Action: RADIOACTIVE	MATERIAL LABELING AND	) HANDLING		
Source of Radiation: LAS Source Number: 1 Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	SEALED SOU NR NR NR	RCE GAUGE	Radionuclide or Vo Activity:	oltage (kVp/MeV): 0.029	KR-85 Ci 1.073 GBq
Device/Associated Equipment LAS Device Number: 1 Device Name: GAUGE Manufacturer: OHMAR	nt: FIXED T CORP.		Model Number: Serial Number:	BAL 2862BX	
Reporting Requirements: LAS Reporting Requirement: 20	.2201(a)(1)(ii) -	Lost, stolen, or missina licen	sed material in a qua	antity greater than 1	0 times the Appendix C

quantities.

# Keywords:

LAS

MATERIAL FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

# References:

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

#### 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	<b>Discovery Date:</b>	02/22/2007	Report Date:	02/22/2007	
Licensee/Reporting	g Party Infor	mation:				}	
Agreement State F	Regulated: Y	S	Reciprocity:	NONE		Ň	
License Number:	N	R	Name:	NR .	,		
NRC Docket Numb	ber: N	R	City:	NR			
NRC Program Coo	le: N	A	State: WI	Zip Code: N	NR		
Responsible NRC	Region: 3						
Site of Event:							
Site Name: MILW	AUKEE						
State: WI							
Additional Involved	l Party:						
License Number:	N	ON-LICENSEE	Name:	MILLER COMPRE	ESSING		
			City:	MILWAUKEE			
			State: WI	Zip Code: N	NR		
Other Information:			•				
NRC Reportable E	vent:	Y	Abnormal C	ccurrence:	N		
Agreement State F	Reportable E	vent: Y	Investigation	n:	Υ.		
Atomic Energy Act	Material:	Y	NMED Rec	ord Complete:	N		
Consultant Hired:		N	Event Close	ed by Region/State:	: Y		
Event Type:							
LAS - LOST/ABANE	ONED/STO	LEN					
Event Cause:				•			
LAS							
Cause: NOT F	REPORTED						
Old Cause: NOT I	REPORTED						
<b>Corrective Actions</b>	Information	:			•		
Action Number:	Corrective A	ction:					
LAS							
1	NOT REPOR	RTED					
Source of Radiation	n:						
LAS							
Source Number:	1						
Source/Radioactiv	e Material:	SEALED SOURCE GAU	JGE	Radionuclide or	Voltage (kVp/Me\	/): AM-BE	
Manufacturer:		NR		Activity:	(	0.04 Ci	1.48 GBq
Model Number:	l	NR					
Serial Number:	(	CAA-1031					
Source Number:	2						
Source/Radioactiv	e Material:	SEALED SOURCE GAU	JGE	Radionuclide or	Voltage (kVp/MeV	/): CS-137	
Manufacturer:	1	NR		Activity:	0.0	089 Ci	0.3293 GBq
Model Number:		NR		•			
Serial Number:	(	CC-1968	-				
Device/Associated	Equipment						
LAS							
Device Number:	1						
Device Name:	GAUGE P	ORTABLE		Model Number:	. 3411		
Manufacturer:	TROXLER			Serial Number:	. 4942		
							17

#### **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.

18

# 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 2	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 Da	te:	02/21/2007	<b>Discovery Dat</b>	te: 02	2/21/2007	Report Date:	03/02/2007	
Licensee/Reporting Party In	form	ation:						
Agreement State Regulated	: YS		Reciproci	ty: NON	NE			
License Number:	NR		Name:	NR				
NRC Docket Number:	NA		City:	NR				
NRC Program Code:	NA		State: N	С	Zip Code: NF	२		
Responsible NRC Region:	1							
Site of Event:								
Site Name: GASTONIA								
State: NC								
Additional Involved Party:								
License Number:	NO		Name <sup>.</sup>	STA	TELINE SCRA	Р		•
Elective Multiper.	1101	LIOENOLL	City:	GAS				
			State: N	c C	Zin Code: 28	052		
				0	210 0000. 20			
Other Information:		N N	<b>A</b> h					
NRC Reportable Event:		Y -+- Y	Abnormal	Occuri	rence:	N .		
Agreement State Reportable	e Eve	nt: Y	Investigat	lion:		Y		
Atomic Energy Act Material:		Ŷ	NMED Re	ecord C	omplete:	N		
Consultant Hired:		N	Event Clo	sed by	Region/State:	Ŷ		
Event Type:								
LAS - LOST/ABANDONED/S	TOLE	N						
Event Cause:								
LAS								
Cause: NOT REPORTE	ED							
<b>Corrective Actions Informat</b>	ion:							
Action Number: Corrective	e Acti	on:						
LAS								
1 MATERIA	AL DIS	SPOSED OF AS WAS	STE					
Source of Radiation:								
LAS								
Source Number: 1								
Source/Radioactive Materia	I: SE	ALED SOURCE GAU	JGE	Ra	adionuclide or V	/oltage (kVp/Me\	/): KR-85	
Manufacturer:	AN	ERSHAM		Ac	tivity:		0.1 Ci	3.7 GBa
Model Number:	KF	2-4		1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Serial Number:	NF	R						
Device/Associated Equipme	ent:							
LAS								
Device Number: 1								
Device Name: GAUGE	EFIX	ED		M	odel Number:	FMIR-1	610/12	
Manufacturer: MAHLC	) GMI	BH & CO.		Se	erial 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.

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#### 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 Da	te: 03/14/2007	Discovery Date: 03/14/2007	Report Date: 03/14/2007	,
Licensee/Reporting Party In Agreement State Regulated: License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	formation: YS GENERAL LICENS NA NA 1	Reciprocity: NONE Name: RAPCO INC. City: KINGSPORT State: TN Zip Code: 3	7664	
Site of Event: Site Name: HOOVERSVILL State: PA	E			
Additional Involved Party: License Number:	NON-LICENSEE	Name: KANTNER IRON / City: HOOVERSVILLE State: PA Zip Code: 1:	AND STEEL	
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	Y ∋ Event: Y Y Y	Abnormal Occurrence: Investigation: NMED Record Complete: Event Closed by Region/State:	N Y Y N	
Event Type: LAS - LOST/ABANDONED/S <sup></sup> Event Cause: LAS Cause: MANAGEMENT Corrective Actions Information Action Number: Corrective LAS 1 IMPROVE	TOLEN DEFICIENCY ion: Action: E RADIOACTIVE MATERI	AL LABELING AND HANDLING		
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	I: SEALED SOURCE GAU THERMO MEASURETE 57157C NR	UGE Radionuclide or ECH Activity:	Voltage (kVp/MeV): CS-137 0.2 Ci	7.4 GBq
Device/Associated Equipme LAS Device Number: 1 Device Name: GAUGE Manufacturer: TN TEC	ent: E FIXED CHNOLOGY	Model Number: Serial Number:	5191 B927	

# 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.

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# Keywords:

LAS

# MATERIAL LOST AND FOUND

ORPHAN SOURCE

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

**References:** 

Reference Number:	Entry Date:	<b>Retraction Date:</b>	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

#### Narrative:

Atlantic Scrap and Processing reported that a load of scrap metal set off their radiation monitor alarms. The load of scrap originated from Mid-South Metals. The load was sorted and a piece of metal was identified that was radioactive. State personnel noted that the piece did not appear to be any type of device or sealed source, according to pictures. It appeared to be Magnesium Thorium containing Th-232 often used in military aircraft. A health physicist from the State's Radioactive Materials Branch will visit the site during the week of 2/12/2007 to inspect and identify the metal. The piece has been secured onsite for pickup by the military.

I	Event Dat	<b>e:</b> 02	/07/2007	Discove	ery (	Date:	02/0	7/2007	Report Date:	02/07/2007	
Licensee/Reporting	Party Inf	ormatic	on:								
Agreement State R	egulated:	YS		Re	cipro	ocity:	NONE				
License Number:		NON-L	ICENSEE	Na	me:		MID-S	OUTH META	LS		
NRC Docket Numb	er:	NA		City	/:		GREE	NVILLE			
NRC Program Cod	e:	NA		Sta	te:	NC		Zip Code: NF	ł		
Responsible NRC I	Region:	1						·			
Site of Event:	-										
Site Name: GREE											
State: NC						•					
Additional Involved	Party:										
License Number:		NON-L	ICENSEE	Na	me:		ATLA	NTIC SCRAP	AND PROCESS	ING	
				City	<b>/:</b>		SMITH	HFIELD			
				Sta	te:	NC		Zip Code: NF	R		
Other Information:											
NRC Reportable Ev	vent:		N	Abi	norn	nal O	ccurre	nce:	N		
Agreement State R	eportable	Event:	N	Inv	esti	gatior	1:		Y		
Atomic Energy Act	Material:		Y	NM	ED	Reco	ord Cor	nplete:	Y		
Consultant Hired:			N	Eve	ent (	Close	d by R	egion/State:	Y		
Event Type:											
LAS - LOST/ABAND	ONED/ST								•		
Event Cause:	01122/01	OLLIN									
LAS											
Cause: NOT R	FPORTE	n									
		5									
Corrective Actions	Informatio	n.									
Action Number: (	Corrective	Action.									
LAS		,									
1 1		ECTIVE	E ACTION TAKEN	J							
				•							
Source of Radiation	n:										
LAS											
Source Number:	1										
Source/Radioactive	e Material:	UNSE	ALED SOURCE	OTHER			Rad	ionuclide or V	′oltage (kVp/MeV	): TH-232	
Manufacturer:		NR					Activ	vity:		NR Ci	NR GBq
Model Number:		NA									
Serial Number:		NA								,	÷
Device/Associated	Equipmer	nt:									
LAS											
Device Number:	1		1								
Device Name:	CONTAI			P			Mod	el Number:	NA		
Manufacturer:	NR						Seri	al Number:	NA		
Keywords:						,					
LAS	-										
MATERIAL FOUN	U 										
RAD MATERIAL IN	N LANDFII	_L/INCII	NERATOR/SCRA	P METAL							
References:	_	_									
Reference Numbe	er: Ent	ry Date	: Retraction	Date: C	ode	er Ini	tials:	Reference	Туре:		
NC070003	03/2	20/2007		Ľ	CH			AGREEME	NT STATE EVEN	IT REPORT	

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#### 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 (

L vent D	ate. 02/15/2001	Discovery Date.	02/15/2007	(epon Date. 02/10/200	,
Licensee/Reporting Party In Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region: Site of Event: Site Name: KINGS MOUN State: NC	nformation: d: YS NON-LICENSEE NA NA 1 TAIN	Reciprocity: Name: City: State: NC	NONE KINGS MOUNTAIN S KINGS MOUNTAIN Zip Code: NR	CRAP	,
License Number:	NON-LICENSEE	Name: City: State: NC	AMERISTEEL CHARLOTTE Zip Code: NR		
Other Information: NRC Reportable Event: Agreement State Reportabl Atomic Energy Act Material Consultant Hired:	N le Event: N l: N N	Abnormal O Investigatior NMED Reco Event Close	ccurrence: N I: Y rd Complete: Y d by Region/State: Y		
Event Type: LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORT	ED				
Corrective Actions Informa Action Number: Correctiv LAS 1 NOT RE	<b>tion:</b> /e Action: PORTED				
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	al: UNSEALED SOURC NR NA NA	e luminous	Radionuclide or Volt Activity:	age (kVp/MeV): RA-226 NR Ci	NR GBq
Device/Associated Equipm LAS Device Number: 1 Device Name: RADIO Manufacturer: NR	ent: DLUMINESCENT DIAL		Model Number: Serial Number:	NANA	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LANDE					
References: Reference Number: E NC070005 03	ntry Date: Retraction 3/20/2007	n Date: Coder Init	ials: Reference Ty AGREEMENT	pe: 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 GBg (40 mCi) Am-Be source and a 0.296 GBg (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 D	ate: 0	3/19/2007	Report Date:	03/20/2007
Licensee/Reporting Party	/ Informa	ation:					
Agreement State Regula	ted: NO		Recipro	city: NO	NE		
License Number:	29-2	3425-01	Name:	UN	DERWOOD	ENGINEERING TES	TING CO., INC.
NRC Docket Number:	0302	21053	City:	MC	UNT EPHRA	IM	
NRC Program Code:	031:	21	State:	NJ	Zip Code:	08059	`
Responsible NRC Region	n: 1						
Site of Event: Site Name: PHILADELP State: PA	HIA		•				
Additional Involved Party	<b>'</b> :						
License Number:	NR		Name:	NR			
			City:	NR			
			State:	NR	Zip Code:	NR	
Other Information:							
NRC Reportable Event:		Y	· Abnorm	al Occu	rrence:	Ν	
Agreement State Reporta	able Ever	nt: N	Investig	ation:		Y	
Atomic Energy Act Mater	ial:	Y	NMED	Record (	Complete:	Y	
Consultant Hired:		N	Event C	losed by	/ Region/Stat	e: 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/Me	eV): AM-BE
Manufacturer:	NR		Activity:	0.04 Ci
Model Number:	NR	N		
Serial Number:	NR			

26

1.48 GBq

Source Number:	2						
Source/Radioactive	e Material:	SEALED	SOURCE GAUGE	R	adionuclide or Volta	ige (kVp/MeV): CS-137	
Manufacturer:		NR		A	ctivity:	0.008 Ci	0.296 GBq
Model Number:		NR					
Serial Number:		NR					
Device/Associated	Equipmer	nt:					
LAS							
Device Number:	1						
Device Name:	GAUGE	PORTABL	.E	M	odel Number:	3430	
Manufacturer:	TROXLE	R		S	erial Number:	30500	
<b>Reporting Requirem</b>	nents:						
LAS		•					
Reporting Requirer	ment: 20 Ap	.2201(a)(1 opendix C o	)(i) - Lost, stolen, or m quantities.	nissing licensed	material in a quanti	ty greater than or equal to	1,000 times the
Keywords:							
LAS							
MATERIAL STOLE	EN AND P	ARTIALLY	RECOVERED				
RAD MATERIAL IN	I LANDFI	LL/INCINE	RATOR/SCRAP MET	AL			
References:							
Reference Numbe	er: Ent	ry Date:	<b>Retraction Date:</b>	Coder Initials	: Reference Typ	e:	
EN43251	03/2	21/2007		DCH	EVENT NOTIF	ICATION	
ML070790731	03/2	23/2007		RLS	NRC NEWS A	NNOUNCEMENT	
ML070820284	03/2	26/2007		RLS	NRC NEWS A	NNOUNCEMENT	
ML070820343	03/2	26/2007		DCH	PRELIMINARY	NOTIFICATION	
PN107003	03/2	26/2007	,	DCH	PRELIMINARY	NOTIFICATION	
ML070851114	03/3	28/2007		DCH	PRELIMINARY	'NOTIFICATION	
PN107003A	03/2	28/2007		DCH	PRELIMINARY	NOTIFICATION	
ML070851253	04/	03/2007		RLS	NRC NEWS A	NNOUNCEMENT	
ML071240434	05/	16/2007		RLS	LICENSEE RE	PORT	
ML071240434	05/	16/2007		RLS	REGION REPO	ORT	
ML073440279	12/	18/2007	·	RLS	OTHER		
ML080040358	01/0	08/2008		RLS	NRC NEWS A	NNOUNCEMENT	
ML080380470	02/	13/2008		RLS	NRC NEWS A	NNOUNCEMENT	
ML080370576	02/	18/2008		RLS	NOTICE OF V	OLATION	

RLS

NRC LETTER

02/18/2008

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ML080370576

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#### 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 Inform Agreement State Regulated: YS License Number: NC NRC Docket Number: NA NRC Program Code: NA Responsible NRC Region: 1 Site of Event:	nation: S DN-LICENSEE A	Reciprocity: Name: City: State: FL	NONE TRADEMARK MET/ ROCKLEDGE Zip Code: 329	ALS 955
Site Name: ROCKLEDGE State: FL				
Additional Involved Party: License Number: N/	<b>A</b>	Name: City: State: NA	NA NA Zip Code: NA	
Other Information: NRC Reportable Event: Agreement State Reportable Ev Atomic Energy Act Material: Consultant Hired:	N ent: Y N N	Abnormal O Investigatior NMED Reco Event Close	ccurrence: I n: ord Complete: N d by Region/State: N	N Y Y
LAS - LOST/ABANDONED/STOL Event Cause: LAS Cause: NOT REPORTED Corrective Actions Information: Action Number: Corrective Act LAS 1 MATERIAL D	EN tion:	Ē		
Source of Radiation: LAS Source Number: 1 Source/Radioactive Material: S Manufacturer: N Model Number: N Serial Number: N	EALED SOURCE IONIZ IR IR IR	ling	Radionuclide or V Activity:	oltage (kVp/MeV): RA-226 0.00000054 Ci 0.00001998 GBq
Keywords:				

### 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 Part Agreement State Regula License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regio Site of Event:	y Informatic ted: YS NON-L NA NA n: 1	on: ICENSEE	Reciprocity: Name: City: State: FL	NONE COMMERCIAL M JACKSONVILLE Zip Code:	IETALS 32254	
Site Name: JACKSONV State: FL	ILLE					
Additional Involved Part License Number:	y: NA		Name: City: State: NA	NA NA Zip Code:	NA	- · · · · · · · · · · · · · · · · · · ·
Other Information: NRC Reportable Event: Agreement State Report Atomic Energy Act Mate Consultant Hired:	able Event: rial:	N Y N N	Abnormal O Investigatior NMED Reco Event Close	ccurrence: :: rd Complete: d by Region/State	N Y Y e: Y	
Event Type: LAS - LOST/ABANDONE Event Cause: LAS Cause: NOT REPO	D/STOLEN					
Corrective Actions Inform Action Number: Corre LAS 1 MATE	mation: ctive Action: RIAL DISP(	DSED OF AS WAS	STE			
Source of Radiation: LAS Source Number: Source/Radioactive Mat Manufacturer: Model Number: Serial Number:	1 erial: UNSE NR NA AGGF	EALED SOURCE L	UMINOUS	Radionuclide o Activity:	r Voltage (kVp/MeV) 0.000021	: RA-226 24 Ci 0.00078588 GBq
Device/Associated Equip LAS Device Number: 1 Device Name: RAI Manufacturer: NR	oment: DIOLUMINE	SCENT DIAL		Model Number Serial Number:	NA AGGREG	GATE
<b>Keywords:</b> LAS MATERIAL FOUND RAD MATERIAL IN LAN	IDFILL/INCI	NERATOR/SCRAI	PMETAL			
References: Reference Number: FL07-015	Entry Date 03/27/2007	e: Retraction I	Date: Coder Ini DCH	tials: Reference AGREEN	ce Type: Ment state even	T REPORT

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#### Narrative:

Trademark Metals reported that a load of their scrap metal set off their radiation monitor alarms. The 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 Da	ite: 02/07/2007	Discovery Date:	02/07/2007	Report Date:	02/08/2007
Licensee/Reporting Party Int	formation:				
Agreement State Regulated:	: YS	Reciprocity: I	NONE		
License Number:	NON-LICENSEE	Name:	RADEMARK MET	TALS	
NRC Docket Number:	NA	City:	ROCKLEDGE		
NRC Program Code:	NA	State: FL	Zip Code: 32	2955	
Responsible NRC Region:	1		·		
Site of Event:		-			
Site Name: ROCKLEDGE					
State: FL					
Additional Involved Party:					
License Number:	NA	Name: I	MΔ		
		City:			
		State: NA	Zin Code: N	۵	
		olate. WY		-	
Other Information:		A h			
NRC Reportable Event:	N Transfer M	Abnormal Oc	currence:	N	
Agreement State Reportable	e Event: Y	Investigation:		Ϋ́.	
Atomic Energy Act Material:	N	NMED Recor	a Complete:	Y V	
	IN	Event Closed	by Region/State:	Y	•
Event Type:					
LAS - LOST/ABANDONED/ST	TOLEN				
Event Cause:					
LAS					
Cause: NOT REPORTE	ED				
Corrective Actions Informati	ion:				
Action Number: Corrective	e Action:	1		•	
LAS		OTE			
I MATERIA	AL DISPOSED OF AS WA	SIE			
Source of Radiation:					
LAS					
Source Number: 1					
Source/Radioactive Material	I: SEALED SOURCE IO	NIZING	Radionuclide or V	/oltage (kVp/MeV)	: RA-226
Manufacturer:	NR		Activity:	0.00000	05 Ci 0.0000185 GBq
Model Number:	NR				
Serial Number:	NR				
Device/Associated Equipme	ent:				
LAS					
Device Number: 1					
Device Name: DETEC	TOR, SMOKE		Model Number:	NR	-
Manufacturer: NR			Serial Number:	NR	
Kasawanda					
neyworas:					
Reference Numbers		Data: Coder Initi	ala: Deferer	Turno	
FL07-021 03/	/28/2007	DCH	AGREEME	INT STATE EVEN	TREPORT

#### 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.

Licensee/Reporting Party In Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	formation: YS NON-LICENS NA NA 1	EE N C S	Reciprocity: Jame: City: State: FL	NONE AIRCRAFT PA OPA LOCKA Zip Code	RTS SALES INC.		
					e: 33054		
Site of Event: Site Name: OPA LOCKA							
Additional Involved Party: License Number:	NON-LICENS	EE N C	lame: Dity: State: FL	TRADEMARK MIAMI Zip Code	METALS		
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	N e Event: Y Y N	A II N E	Abnormal O nvestigation NMED Reco	ccurrence: n: ord Complete: d by Region/St	N Y Y ate: Y		
Event Type: LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORTE Corrective Actions Informat Action Number: Corrective LAS 1 MATERIA	TOLEN ED ion: e Action:	DF AS WASTE					
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	I: UNSEALED NR NA NA	SOURCE OTHER		Radionuclide Activity:	e or Voltage (kVp/Me'	V): U-DEP NR Ci	NR GBq
Device/Associated Equipme LAS Device Number: 1 Device Name: METAL Manufacturer: NR	n <b>t:</b> , DEPLETED U	RANIUM		Model Numb Serial Numb	er: NA er: NA		
Keywords: LAS MATERIAL LOST AND FOU RAD MATERIAL IN LANDF References: Reference Number: Er	JND ILL/INCINERAT	OR/SCRAP MET/	۹L Coder Ini	tials: Refere	ence Type:		

#### 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 D	ate: 02/09	/2007 Dis	covery Date:	02/09/2007	Report Dat	e: 02/14/2	007
Licensee/Reporting Party I	nformation:						
Agreement State Regulate	d: YS		Reciprocity:	NONE			
License Number:	NON-LICE	NSEE	Name:	SAMS-POMP	ANO TRUCK AND	AUTO	
NRC Docket Number:	NA		City:	POMPANO BI	EACH		
NRC Program Code:	NA		State: FL	Zip Cod	e: 33069		
Responsible NRC Region:	1						
Site of Event:							
Site Name: POMPANO BI	EACH						
State: FL							
Additional Involved Party:							
License Number:	NON-LICE	NSEE	Name:	TRADEMARK	METALS		
		· · · ·	Citv:	ROCKLEDGE			
			State: FL	Zip Cod	e: NR		
Other Information:				·			
NRC Reportable Event:	N		Abnormal C	courrence.	N		
Agreement State Reportable	le Évent <sup>.</sup> Y		Investigatio	n'	Y		
Atomic Energy Act Materia	I N		NMED Rec	ord Complete	Ý		
Consultant Hired:			Event Close	ed by Region/Si	tate: Y		
Event Type:							
LAS - LOST/ABANDONED/S	STOLEN						
Event Cause:							
LAS	- E D						
Cause: NOT REPORT	ED						
Corrective Actions Informe	4:						
Action Number: Correction	uon.						
LAS	Ve Action.						
1 MATER	AL DISPOSI	ED OF AS WASTE					
Source of Radiation:							•
LAS							
Source Number: 1							-
Source/Radioactive Mater	al: UNSEAL	ED SOURCE OTH	=R ·	Radionuclid	e or Voltage (kVp/l	MeV): RA-22	j 
Manufacturer:				Activity:	0.00	000734 Ci	0.00027158 GBq
Nodel Number:	NA						
Senai Number:	NA						
Device/Associated Equipm	ent:						
Device Number: 1							
Device Name: CONT	AMINATED	METAL, SCRAP		Model Num	ber: NA		
Manufacturer: NR				Serial Numb	ber: NA		
Keywords:							
LAS							
MATERIAL FOUND							
ORPHAN SOURCE							
RAD MATERIAL IN LAND	FILL/INCINE	RATOR/SCRAP ME	TAL				
References:							,
Reference Number: E	intry Date:	Retraction Date	: Coder In	tials: Refer	ence Type:		

FL07-027	03/28/2007	DCH	AGREEMENT STATE EVE	INT REPORT

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## 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.

investigator impounded ti	ne itema ior diap	0341.				
Event I	Date: 02/19/2	007 Disco	overy Date:	02/19/2007	Report Date:	02/21/2007
Event I Licensee/Reporting Party Agreement State Regulat License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region Site of Event: Site Name: ROCKLEDG State: FL	Date: 02/19/2 Information: ed: YS NON-LICEN NA NA : 1	ISEE	Reciprocity: Name: City: State: FL	02/19/2007 NONE TRADEMARK ME ROCKLEDGE Zip Code: 3	Report Date: TALS 2955	02/21/2007
Additional Involved Party License Number	: NA		Name: City: State: NA	NA NA Zip Code: N	JA	
Other Information: NRC Reportable Event: Agreement State Reporta Atomic Energy Act Materi Consultant Hired:	N ble Event: Y ial: N N		Abnormal O Investigation NMED Reco Event Close	ccurrence: : rd Complete: d by Region/State	N Y Y	
Event Type: LAS - LOST/ABANDONED Event Cause: LAS Cause: NOT REPOR Corrective Actions Inform Action Number: Correc LAS 1 MATEI	/STOLEN RTED nation: tive Action: RIAL DISPOSEI	D OF AS WASTE				
Source of Radiation: LAS Source Number: Source/Radioactive Mate Manufacturer: Model Number: Serial Number:	1 erial: UNSEALE NR NA NA	D SOURCE LUMIN	IOUS	Radionuclide or Activity:	Voltage (kVp/MeV) 0.000001	:: RA-226 45 Ci 0.00005365 GBq
Device/Associated Equip LAS Device Number: 1 Device Name: RAD Manufacturer: NR	ment: NOLUMINESCE	NT DIAL		Model Number: Serial Number:	NA	·
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAN References: Reference Number: FL07-030	DFILL/INCINER Entry Date: 03/28/2007	ATOR/SCRAP ME	TAL <b>Coder Ini</b> DCH	tials: <b>R</b> eferenc AGREEM	e Type: IENT STATE EVEN	IT REPORT

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#### Narrative:

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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	e: 01/18/2007	Discovery Date:	01/18/2007	Report Date:	01/18/2007	
Licensee/Reporting Party Info	ormation:					
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	NΔ	Name	ŇΔ			
Electrise Number.		City:				
		State: NA	Zin Code: NA			
		Oldie. Invi	Zip Odde. HA			
Other Information:		Ab				
Agreement State Departable		Abnormal Of	courrence: I	N /		
Agreement State Reportable		Investigation	: rd Commister	r /		
Consultant Hiradi	IN N	NIVIED Reco	ra Complete: d by Docion/States - N	r 7		
	11	Event Close		· · · · · · · · · · · · · · · · · · ·		
Event Type:						
LAS - LOST/ABANDONED/ST	OLEN					
Event Cause:						
LAS						
Cause: NOT REPORTED	)					/
Corrective Actions Information	on:					
Action Number: Corrective	Action:					
LAS						
1 MATERIAL	DISPOSED OF AS WAS	TE				
Source of Radiation:						
LAS						
Source Number: 1						
Source/Radioactive Material:	UNSEALED SOURCE LU	JMINOUS	Radionuclide or V	oltage (kVp/MeV):	RA-226	
Manufacturer:	NR		Activity:	N	R Ci	NR GBq
Model Number:	NA					
Serial Number:	NA					
Source Number: 2						
Source/Padioactive Material:		MINOUS	Padionuclido or V		DA 226	
Source/ (adioactive Material.	UNSEALED SOURCE EC	JWIINOUS	Activity	nage (kvp/mev).	RA-220	
Manufacturor <sup>1</sup>	NP			- N	NU	
Manufacturer: '	NR NA		/ touring :			NIC ODQ
Manufacturer: ' Model Number: Serial Number:	NR NA		, county.			NIN ODQ
Manufacturer: ' Model Number: Serial Number:	NR NA NA		, county.			NIC ODQ
Manufacturer: ' Model Number: Serial Number: Source Number: 3	NR NA NA		, iou ny i			NR OBQ
Manufacturer: Model Number: Serial Number: Source Number: 3 Source/Radioactive Material:	NR NA NA UNSEALED SOURCE LU	JMINOUS	Radionuclide or Vo	oltage (kVp/MeV):	RA-226	NR OBQ
Manufacturer: Model Number: Serial Number: <b>Source Number: 3</b> Source/Radioactive Material: Manufacturer:	NR NA NA UNSEALED SOURCE LU NR	JMINOUS	Radionuclide or Ve	bltage (kVp/MeV): N	RA-226 R Ci	NR GBq
Manufacturer: Model Number: Serial Number: <b>Source Number: 3</b> Source/Radioactive Material: Manufacturer: Model Number:	NR NA NA UNSEALED SOURCE LU NR NA	JMINOUS	Radionuclide or Ve Activity:	oltage (kVp/MeV): N	RA-226 R Ci	NR GBq

#### **Device/Associated Equipment:**

Device Number:	1,		
Device Name:	RADIOLUMINESCENT DIAL	Model Number:	NA
Manufacturer:	NR	Serial Number:	NA
Device Number:	2		
,Device Name:	RADIOLUMINESCENT DIAL	Model Number:	NA
Manufacturer:	NR	Serial Number:	NA
Device Number:	3	,	
Device Name:	RADIOLUMINESCENT DIAL	Model Number:	NA
Manufacturer:	NR	Serial Number:	NA
Keywords:			
LAS			
MATERIAL FOUN	D		
RAD MATERIAL	N 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

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#### 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.

E	Event Date	e: (	)1/30/2007	Discovery Date	e: 01	/30/2007	Report Date:	01/30/2007	
Licensee/Reporting	Party Info	ormat	ion:						
Agreement State R	egulated:	YS		Reciprocity		١E			
License Number:	-	NR		Name:	NR				
<ul> <li>NRC Docket Numb</li> </ul>	er:	NR		City:	BIRI	MINGHAM			
NRC Program Code	e:	NA		State: AL		Zip Code: NR	2		
Responsible NRC F	Region:	1							
Site of Event:									
Site Name: BIRMI	NGHAM								
State: Al									
	Dautru								
	Party:			Nome	NULC				
License Number.		NON	LICENSEE	Name:					
				City:	BIRI				
				State: AL		ZIP Code: NH	ζ.		
Other Information:									
NRC Reportable Ev	vent:		Y	Abnormal	Occuri	ence:	N		
Agreement State R	eportable i	Event	:: Y	Investigatio	on:		N		
Atomic Energy Act	Material:		Y	NMED Red	cord C	omplete:	N		
Consultant Hired:			N	Event Clos	ed by	Region/State:	Y .		
Event Type:									
LAS - LOST/ABAND	ONED/STO	DLEN	l						
Event Cause:									
LAS									
Cause: NOT R	EPORTED	)							
Corrective Actions	Informatio	n:							
Action Number: 0	Corrective .	Actio	n:						
LAS									
1 1	NOT REPO	ORTE	D						
Source of Padiation									
I AS									
Source Number	1						×		
Source/Radioactive	• Material·	SEA			D	dionuclido or V	oltage /k\/p/Mo	AM 241	
Manufacturer	o material.	NR			Δ.	tivity:	olage (kvp/lile		NR CRa
Model Number		NR				divity.			NIC ODQ
Serial Number:		NR							
Condi Humbor.									
Device/Associated I	Equipmen	t:							
LAS									
Device Number:	1								
Device Name:	DETECT	OR, S	SMOKE		Mo	odel Number:	NR		
Manufacturer:	NR				Se	rial Number:	NR		
Reporting Requirem	nents:								
LAS									
Reporting Requirer	ment: 20.	2201	(a)(1)(ii) - Lost, stole	en, or missing lice	ensed	material in a qu	antity greater th	an 10 times the A	Appendix C
	qua	antitie	es.	0					
Keywords:									
LAS									
MATERIAL FOUN	C								
ORPHAN SOURCE	=								

RAD MATERIAL IN LANDFILL/INCINERATOR/SCRAP METAL

## **References:**

**Reference Number:** AL070010

Entry Date: 04/04/2007

DCH

Retraction Date: Coder Initials: Reference Type:

AGREEMENT STATE EVENT REPORT

#### 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: 02/1	3/2007
Licensee/Reporting Part	y Inform	ation:				
Agreement State Regula	ted: 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 Regio	n: 1					
Site of Event:						
Site Name: MOODY						
State: AL						
Additional Involved Part	v:					
License Number:	NOI	N-LICENSEE	Name:	HRH METALS		
			City:	MOODY		
			State: AL	Zip Code:	NR	
Other Information:						
NRC Reportable Event:		Ň	Abnormal O	courrence:	N	
Agreement State Report	able Eve	nt: Y	Investigation		Y	
Atomic Energy Act Mate	rial:	Y	NMED Reco	rd Complete:	Y	
Consultant Hired:		N	Event Close	d by Region/State	e: Y	
					·	
		N				
Event Cause:	JISTOLE	.1N				
LAS						
Cause: NOT REPO	RTED					
Corrective Actions Inform	mation:					
Action Number: Correc	ctive Acti	on:				
LAS						
1 MATE	RIAL DIS	SPOSED OF AS WAS	STE			
Source of Padiation						
Source Number	1					
Source/Radioactive Mat	erial: LIN	ISEALED SOURCE C	THER	Radionuclide o	r Voltage (kVo/MeV/)· TH	-232
Manufacturer:	NF			Activity:		0.0037 GBa
Model Number	NA			/ Onvirg.	0.0001.01	0.0007 0.004
Serial Number:	NA	N N				
LAS	oment:					
Device Number: 1						
Device Name: COI		TED METAL. SCRAF		Model Number:	NA	
Manufacturer: NR				Serial Number:	NA	
<b>K</b>						
Neywords:						
References:	101-11L/IN		WEIAL		×	
Reference Number	Entry D	ate: Retraction F	)ate: Coder Init	ials: Roforenc	e Type:	
AL070016	04/04/20	007	DCH	AGREEN	IENT STATE EVENT REF	<b>ORT</b>
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#### Last Updated: 06/18/2007

#### Narrative:

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The licensee reported the loss of an Industrial Dynamics fixed gauge (model FT-50, serial #110259) that contained an Am-241 source (model 06110, serial #1131) with an activity of 3.7 GBq (100 mCi). During clean up of their facility, the source and housing were included with scrap metal removed from the plant on 3/13 or 3/14/2007. Its absence was noted on 4/5/2007 during a routine inventory audit. Their initial investigation determined that the device may have been removed by their contractor, Highland Recycling, to Southern Metals in Saint Louis, Missouri. Those metals were subsequently transferred between 3/14 and 3/20/2007 to either Grossman Iron & Steel or PSE Metals, both located in Saint Louis, for processing. The scrap metal facilities were notified on 4/5/2007. Those facilities stated that the scrap from the licensee's facility had already been processed. The licensee hired a consultant (RM Wester & Associates) to investigate the matter and conduct surveys of the two scrap facilities. Surveys conducted by the consultant and on-site monitors revealed no presence of radioactive material. Steps were taken to identify potential facilities where the shredded scrap would be further processed/smelted. Surveys and analysis results of several facilities revealed no Am-241. Corrective actions taken by the licensee included providing additional training to all their personnel regarding generally licensed material at the site and retaining a consultant to review their radiation protection program.

	Event Date:	03/13/2007	Discovery Date:	04/05/2007	Réport Date:	04/05/2007	
Licensee/Reporting Agreement State F License Number: NRC Docket Numi NRC Program Coo Responsible NRC Site of Event: Site Name: SAIN State: IL	Event Date: g Party Inform Regulated: YS IL- ber: NA de: NA Region: 3 T ELMO	03/13/2007 nation: 992236-30	Discovery Date: ~Reciprocity: Name: City: State: IL	04/05/2007 NONE PINNACLE FOOI SAINT ELMO Zip Code: (	Réport Date: D GROUP 62458	04/05/2007	
Additional Involved	d Party: NC	DN-LICENSEE	Name: City: State: MO	NR SAINT LOUIS Zip Code: 1	NR		·
Other Information: NRC Reportable E Agreement State F Atomic Energy Ac Consultant Hired:	Event: Reportable Ev t Material:	Y ent: Y Y Y	Abnormal O Investigatior NMED Recc Event Close	ccurrence: n: ord Complete: d by Region/State	N Y Y		
Event Type: LAS - LOST/ABANE Event Cause: LAS Cause: MANA Corrective Actions Action Number: LAS 1	OONED/STOL AGEMENT DE Information: Corrective Ac PERSONNEL	EN FICIENCY tion: RECEIVED ADDITIO	NAL TRAINING				
Source of Radiatio LAS Source Number: Source/Radioactiv Manufacturer: Model Number: Serial Number:	n: /e Material: S IN 0 1	EALED SOURCE GAI NDUSTRIAL DYNAMIC 6110 131	JGE CS	Radionuclide or Activity:	<sup>,</sup> Voltage (kVp/Me∨	'): AM-241 0.1 Ci	3.7 GBq
Device/Associated LAS Device Number: Device Name: Manufacturer:	Equipment: 1 GAUGE FI) INDUSTRIA	KED AL DYNAMICS		Model Number: Serial Number:	FT-50 110259	·	
Reporting Require	ments:						

## 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:	<b>Retraction Date:</b>	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

#### 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.

isolated on-site pending p	pick up by the military	· ·			
Event I	Date: 03/01/2007	Discovery Date:	03/01/2007	Report Date: 0	3/01/2007
Licensee/Reporting Party	Information:				
Agreement State Regulate	ed: 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:			·		
NPC Poportable Event	N	Abnormal C			
Accordent State Departs	IN bla Eventi N	Abrioritatio			
Agreement State Reporta		Investigatio	n: r		
Atomic Energy Act Materi	ai: N	NMED Rec	ora Complete: Y		
Consultant Hired:	N	Event Close	ed by Region/State: Y		
Event Type:					
LAS - LOST/ABANDONED	/STOLEN				
Event Cause:	х.				
LAS					
Cause NOT REPOR	TED				
Corrective Actions Inform	ation:				
Action Number: Correct	tive Action:				
Source of Radiation:					
LAS					
Source Number: 1					
Source/Radioactive Mate	rial: UNSEALED SO	URCE LUMINOUS	Radionuclide or Vo	ltage (kVp/MeV):	RA-226
Manufacturer:	NR		Activity:	NR	Ci NR GBa
Model Number:	NA				
Serial Number	NA				
Device/Associated Equipr	nent:				
LAS					
Device Number: 1					
Device Name: RADI	IOLUMINESCENT DI	AL	Model Number:	NA	
Manufacturer: NR			Serial Number:	NA	
<b>K</b>					
Keywords:					
LAS					
RAD MATERIAL IN LAN	DHILL/INCINERATOR	VSCRAP METAL			
References:					
Reference Number:	Entry Date: Retra	action Date: Coder In	tials: Reference T	ype:	
NC070006	04/12/2007	DCH	AGREEMEN	T STATE EVENT F	REPORT
NC070006A	05/09/2007	DCH	AGREEMEN	T STATE EVENT F	REPORT
NC070006B	06/12/2007	DCH	AGREEMEN	T STATE EVENT P	REPORT

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#### Narrative:

20

Stateline 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.

, Ι	Event Date:	03/02/2007	Discovery Date:	03/02/2007	Report Date:	03/02/2007	
Licensee/Reporting Agreement State R License Number: NRC Docket Numb NRC Program Cod Responsible NRC F	Party Infor egulated: Y N er: N e: N Region: 1	mation: S R A A	Reciprocity: Name: City: State: NC	NONE NR NR Zip Code: N	IR		
Site of Event: Site Name: GAST State: NC	ONIA						
Additional Involved License Number:	Party: . N	ON-LICENSEE	Name: City: State: NC	STATELINE SCR GASTONIA Zip Code: 2	AP 28052		
Other Information: NRC Reportable Ex Agreement State R Atomic Energy Act Consultant Hired:	vent: eportable Ev Material:	Y vent: Y Y N	Abnormal O Investigatior NMED Reco Event Close	ccurrence: n: ord Complete: d by Region/State:	N Y N		
LAS - LOST/ABAND Event Cause: LAS Cause: NOT R Corrective Actions Action Number: C LAS	ONED/STO EPORTED Information Corrective A MATERIAL [	LEN : ction: DISPOSED OF AS WAS	TE				
Source of Radiation LAS Source Number:	ı: ↓ 1						
Source/Radioactive Manufacturer: Model Number: Serial Number:	e Material: 4 /   	SEALED SOURCE GAU AMERSHAM KR-4 NR	GE ,	Radionuclide or Activity:	Voltage (kVp/MeV)	i: KR-85 0.1 Ci	3.7 GBq
Device/Associated I LAS Device Number: Device Name: Manufacturer:	Equipment: 1 GAUGE FI MAHLO G	XED MBH & CO.		Model Number: Serial Number:	FMIR-1 6 NR	\$10/12	
Device Number: Device Name: Manufacturer:	2 SOURCE I MAHLO G	HOLDER, OTHER MBH & CO.		Model Number: Serial Number:	610/61 NR		

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.

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## 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

#### 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.

Ever	nt Date:	04/27/2007	Disc	overy Date:	04/27/	2007	Report Date:	04/27/2007	,
Licensee/Reporting Par Agreement State Regul License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regi Site of Event: Site Name: CHARLOT	ty Inform lated: YS NO NA NA on: 1	ation:	Disc	Reciprocity: Name: City: State: NC	NONE AMERIS CHARLO Zi	STEEL OTTE p Code: NR	Neport Date:		
State: NC Additional Involved Par License Number:	ty: NA			Name: City: State: NA	NA NA Zi	p Code: NA			
Other Information: NRC Reportable Event: Agreement State Report Atomic Energy Act Mate Consultant Hired:	rtable Eve erial:	N nt: N N N		Abnormal O Investigation NMED Reco Event Close	ccurrenc n: ord Comp d by Reg	e: א א blete: א gion/State: א	<b>V</b> ? ?		
Event Type: LAS - LOST/ABANDONE Event Cause: LAS Cause: NOT REPO Corrective Actions Infor Action Number: Corre LAS	ED/STOLE DRTED rmation: ective Acti		AS WASTE						
Source of Radiation: LAS Source Number: Source/Radioactive Ma Manufacturer: Model Number: Serial Number:	1 aterial: UI NF NA	NSEALED SO		IOUS	Radio Activit	nuclide or Vo y:	bltage (kVp/Me	V): RA-226 NR Ci	NR GBq
Device/Associated Equi LAS Device Number: 1 Device Name: RA Manufacturer: NR	ipment: DIOLUMI	NESCENT DI	AL		Model Serial	Number: Number:	NA NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LA References:	NDFILL/II	NCINERATOR	%SCRAP ME	ΓAL				·	
Reference Number: NC070023	Entry D 05/09/2	o <mark>ate: Retr</mark> a 007	action Date:	<b>Coder Ini</b> DCH	tials:	Reference 1 AGREEMEN	<b>('ype:</b> NT STATE EVE	ENT REPORT	

## 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.

Eve	ent Date:	04/24/200	D7 Dis	scovery Date	e: 04/24	4/2007	Report Date:	04/24/2007	
Eve Licensee/Reporting P Agreement State Reg License Number: NRC Docket Number: NRC Program Code: Responsible NRC Re Site of Event: Site Name: SAVANN State: GA Additional Involved Pa License Number:	ent Date: arty Inform ulated: YS NC NA NA gion: 1 IAH IAH arty: NC	04/24/200 nation: 5 DN-LICENS	97 Die EE	Reciprocity Name: City: State: GA	: 04/2 : NONE SOUTI SAVAI 2 NUCO	4/2007 HERN METAL INAH Zip Code: NR	RECYCLING	04/24/2007	
				City: State: AL	BIRMII Z	NGHAM Iip Code: NR			
Other Information: NRC Reportable Ever Agreement State Rep Atomic Energy Act Ma Consultant Hired:	nt: ortable Eve aterial:	U ent: Y U N		Abnormal ( Investigation NMED Reconstruction Event Close	Occurren on: cord Com ed by Re	ce: N N pplete: F egion/State: N	1 1 2		
LAS - LOST/ABANDON Event Cause: LAS Cause: NOT REF Corrective Actions Inf Action Number: Co LAS	PORTED	EN tion: TED					•		
Source of Radiation: LAS Source Number: Source/Radioactive M Manufacturer: Model Number: Serial Number:	1 /aterial: U N N.	NSEALED R A A	SOURCE OTH	ER	Radi Activ	onuclide or Vo ity:	bltage (kVp/Me	V): NR NR Ci	NR GBq
Device/Associated Eq LAS Deviće Number: 1 Device Name: C Manufacturer: N	uipment: CONTAMIN IR		TAL, SCRAP		Mode Seria	el Number:	NA NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN L	ANDFILL/I	NCINERAT	OR/SCRAP M	ETAL				1	
References: Reference Number:	Entry I	Date: R	etraction Date	: Coder Ir	nitials:	Reference T	vpe:		
GA-2007-10I	05/14/2	2007		DCH		AGREEMEN	IT STATE EVE	ENT REPORT	

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#### 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.

Even	t Date:	04/25/2007	Discovery Date:	04/25/2007	Report Date:	04/25/2007	
Licensee/Reporting Part Agreement State Regula License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regio	t <b>y Inform</b> ated: YS NOI NA NA NA	ation: N-LICENSEE	Reciprocity: Name: City: State: CA	NONE LANCASTER REC LANCASTER Zip Code: N	CYCLING '		
Site of Event: Site Name: LANCASTE State: CA	R						
Additional Involved Part License Number:	y: NOI	N-LICENSEE	Name: City: State: CA	HUGO NEU-PRO TERMINAL ISLAN Zip Code: 9	LER ID 0731		
Other Information: NRC Reportable Event: Agreement State Report Atomic Energy Act Mate Consultant Hired:	table Eve rial:	N nt: Y Y N	Abnormal O Investigatior NMED Recc Event Close	ccurrence: :: rd Complete: d by Region/State:	N Y Y N		
Event Type: LAS - LOST/ABANDONEI Event Cause: LAS Cause: NOT REPO Corrective Actions Inform Action Number: Corre LAS 1 MATE	D/STOLE RTED mation: ctive Acti	N on: SPOSED OF AS WAS	TE				
Source of Radiation: LAS Source Number: Source/Radioactive Mat Manufacturer: Model Number: Serial Number:	1 terial: UN NF NA NA	NSEALED SOURCE O	THER	Radionuclide or Activity:	Voltage (kVp/MeV) N	: U-DEP NR Ci	NR GBq
Source Number: Source/Radioactive Mat Manufacturer: Model Number: Serial Number:	2 terial: UN NF NA	NSEALED SOURCE LI	UMINOUS	Radionuclide or Activity:	Voltage (kVp/MeV) 0.000	: RA-226 01 Ci	0.00037 GBq
Device/Associated Equip	pment:						
Device Number: 1 Device Name: ME <sup>*</sup> Manufacturer: NR	TAL, DEF	PLETED URANIUM		Model Number: Serial Number:	NA NA		

Device Number:	2				
Device Name:	RADIOLUMINESC	ENT DIAL	Mo	del Number:	NA
Manufacturer:	NR		Ser	ial Number:	NA
Keywords:					
LAS					
MATERIAL FOUND	<b>D</b>				
RAD MATERIAL IN	I LANDFILL/INCINE	RATOR/SCRAP MET	AL		
References:					
Reference Numbe	er: Entry Date:	Retraction Date:	Coder Initials:	Reference Typ	e:
CA-XCA1108	05/22/2007		DCH	AGREEMENT	STATE EVENT REPORT
LTR071006	10/08/2007		DCH	AGREEMENT	STATE LETTER

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#### 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.

E	vent Date:	02/16/2	2007 <b>Di</b>	scovery Date:	02/16	/2007	Report Date:	02/16/2007	
Licensee/Reporting Agreement State Ro License Number: NRC Docket Number NRC Program Code Responsible NRC F	Party Infor egulated: Y N er: N e: N Region: 1	mation: S ON-LICEN A	ISEE	Reciprocity: Name: City: State: FL	NONE CHUCK PUNTA Zi	PARENT E GORDA p Code: NR	NTERPRISES		
Site of Event: Site Name: PUNT/ State: FL	A GORDA								
Additional Involved License Number:	Party: N	ION-LICE	NSEE	Name: City: State: FL	TRADE TAMPA Zi	MARK MET. p Code: 336	ALS 605		
Other Information: NRC Reportable Ev Agreement State Re Atomic Energy Act Consultant Hired:	vent: eportable Ev Material:	N vent: Y N N		Abnormal C Investigation NMED Reco Event Close	occurrenc n: ord Comj ed by Reg	ce: blete:	N Y Y		
Event Type: LAS - LOST/ABANDO Event Cause: LAS Cause: NOT R	ONED/STO	LEN					1		Ň
Corrective Actions I Action Number: C LAS 1 N	nformation Corrective A	n: ction: RTED				• .			,
Source of Radiation LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 e Material:   	UNSEALE NR NA NA	D SOURCE OTH	IER	Radio	nuclide or V ty:	oltage (kVp/Me\	/): NORM NR Ci	NR GBq
Device/Associated E LAS Device Number: Device Name: Manufacturer:	Equipment: 1 CONTAMI NR	NATED M	ETAL, SCRAP		Mode Serial	l Number: ˈ Number:	NA NA		
Keywords: LAS MATERIAL FOUNE RAD MATERIAL IN	) I LANDFILL	/INCINER	ATOR/SCRAP M	IETAL					
References: Reference Numbe FL07-028 LTR070611	r: Entry 05/24 06/11	<b>Date:</b> /2007 /2007	Retraction Dat	e: Coder Ini DCH DCH	tials:	<b>Reference</b> AGREEMEI AGREEMEI	<b>Type:</b> NT STATE EVE NT STATE LET	NT REPORT	

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#### 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 D	ate: 03/28/2007	Discovery Date:	03/28/2007	Report Date: 0	4/05/2007
Event D Licensee/Reporting Party II Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region: Site of Event: Site Name: NEW SMYRN. State: FL Additional Involved Party: License Number:	ate: 03/28/2007 nformation: d: YS NON-LICENSEE NA NA 1 A BEACH NON-LICENSEE	Discovery Date: Reciprocity: N Name: T City: N State: FL Name: T City: H	03/28/2007	Report Date: 0 ON CH 8	4/05/2007
Other Information: NRC Reportable Event: Agreement State Reportab Atomic Energy Act Materia Consultant Hired:	N le Event: Y l: N N	State: FL Abnormal Occ Investigation: NMED Record Event Closed	Zip Code: NR surrence: N Y I Complete: Y by Region/State: Y		
Event Type: LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORT	STOLEN		· ·		
Corrective Actions Informa Action Number: Corrective LAS 1 NOT RE	i <b>tion:</b> ve Action: PORTED				
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materi Manufacturer: Model Number: Serial Number:	al: UNSEALED SOURCE L NR NA AGGREGATE	.UMINOUS	Radionuclide or Vol Activity:	tage (kVp/MeV): 0.000002185	RA-226 Ci 8.0845E-05 GBq
Device/Associated Equipm LAS Device Number: 1 Device Name: RADIC Manufacturer: NR	DLUMINESCENT DIAL		Model Number: Serial Number:	· NA AGGREGAT	ΓE
Keywords: LAS MATERIAL FOÙND RAD MATERIAL IN LANDI References:	FILL/INCINERATOR/SCRAF	P METAL			
Reference Number: E FL07-053 0	ntry Date: Retraction I 5/24/2007	Date: Coder Initia DCH	AGREEMEN	7 <b>PE:</b> F STATE EVENT R	EPORT

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#### 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.

License/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 Admer: 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: IAS I NOT REPORTED Source of Radiation: LAS
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         Responsible NRC Region:       4       State:       CA         Site of Event:       State:       CA       Zip Code:       NR         Site Name:       BAKERSFIELD       State:       NA       City:       NA         Site Name:       NA       Name:       NA       City:       NA         Additional Involved Party:       Icense Number:       NA       Abmormal Occurrence:       N         State:       NA       Zip Code:       NA       Abmormal Occurrence:       N         Agreement State Reportable Event:       N       Abnormal Occurrence:       N       Admic Energy Act Material:       Y       NMED Record Complete:       Y       Consultant Hired:       N       Event Closed by Region/State:       Y       Event Type:       IAs       IA
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 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 Cause: NOT REPORTED Source of Radiation: LAS
NRC Docket Number:       NA       City:       BAKERSFIELD         NRC Program Code:       NA       State:       CA         Responsible NRC Region:       4       State:       CA         Site of Event:       State:       CA       Zip Code:       NR         Site of Event:       State:       CA       CA       CA         Additional Involved Party:       Icense Number:       NA       Name:       NA         License Number:       NA       Name:       NA       City:       NA         NC Reportable Event:       NA       Abnormal Occurrence:       N       Apreement State Reportable Event:       N       Investigation:       N         Altonic Energy Act Material:       Y       NMED Record Complete:       Y       Consultant Hired:       N       Event Closed by Region/State:       Y         Event Type:       LAS - LOST/ABANDONED/STOLEN       Event Closed by Region/State:       Y       Investigation:       Investigation:
NRC Program Code:       NA       State:       CA       Zip Code:       NR         Responsible NRC Region:       4       4       State:       CA         Site of Event:       State:       CA       A         Site Name:       BAKERSFIELD       State:       CA         Additional Involved Party:       License Number:       NA       Name:       NA         License Number:       NA       Name:       NA       City:       NA         NC 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
Responsible NRC Region: 4   Site of Event: Site Name:   Site Name: BAKERSFIELD   Site i: CA   Additional Involved Party: Image: NA   License Number: NA   Name: NA   City: NA   City: NA   City: NA   State: NA   Zip Code: NA   Agreement State Reportable Event: N   Adomic Energy Act Material: Y   NMED Record Complete: Y   Consultant Hired: N   Event Type:   LAS - LOST/ABANDONED/STOLEN   Event Cause:   LAS   Cause: NOT REPORTED   Corrective Actions Information:   Action Number:   Corrective Actions Information:   Action Number:   LAS   1   NOT REPORTED
Site of Event:         Site Name:       BAKERSFIELD         State:       CA         Additional Involved Party:         License Number:       NA         NA       Name:         NA       City:         NA       State:         NA       Zip Code:         NRC Reportable Event:       N         Agreement State Reportable Event:       N         Agreement State Reportable Event:       N         Investigation:       N         Adomic Energy Act Material:       Y         NMED Record Complete:       Y         Consultant Hired:       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
Site Name: BAKERSFIELD Sita Site Name: BAKERSFIELD Sita 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 1 NOT REPORTED Source of Radiation: LAS
State:       CA         Additional Involved Party:       License Number:         License Number:       NA         NA       Name:         NA       City:         NA       State:         NA       City:         NA       State:         NA       State:         NA       City:         NA       State:         NA       Zip Code:         NA       State:         NA       Zip Code:         NA       State:         NA       Zip Code:         NA       State:         NA       State:         NA       Zip Code:         NA       Dependence:         NA       Abnormal Occurrence:         NA       Agreement State Reportable Event:         N       Investigation:         NA       NMED Record Complete:         Y       Output         Consultant Hired:       N         Event Type:       LAS - LOST/ABANDONED/STOLEN         Event Cause:       LAS         Cause:       NOT REPORTED         Corrective Actions Information:       LAS         1       NOT REPORTED
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
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
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
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
State: NA       Zip Code: NA         Other Information:       N         NRC Reportable Event:       N         Agreement State Reportable Event:       N         Investigation:       N         Agreement State Reportable Event:       N         Investigation:       N         Agreement State Reportable Event:       N         Investigation:       N         Admic Energy Act Material:       Y         NMED Record Complete:       Y         Consultant Hired:       N         Event Type:       N         LAS - LOST/ABANDONED/STOLEN       Event Closed by Region/State:         Event Cause:       NOT REPORTED         Cause:       NOT REPORTED         Corrective Actions Information:       Action Number:         Action Number:       Corrective Action:         LAS       1       NOT REPORTED         Source of Radiation:       LAS         LAS
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 Closed by Region/State:       Y         Event Cause:       LAS       Cause:       NOT REPORTED         Corrective Actions Information:       Action Number:       Corrective Action:       LAS         1       NOT REPORTED       V       V       V         Source of Radiation:       LAS       LAS       LAS       LAS
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 Closed by Region/State:       Y         Event Cause:       LAS       Cause:       NOT REPORTED         Corrective Actions Information:       Action Number:       Corrective Action:       LAS         1       NOT REPORTED       Source of Radiation:       LAS
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 Closed by Region/State:       Y         Event Cause:       LAS       Cause:       NOT REPORTED         Corrective Actions Information:       Action Number:       Corrective Action:         LAS       1       NOT REPORTED         Source of Radiation:       LAS
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         LAS       Cause:       NOT REPORTED       Event Cause:       LAS         Corrective Actions Information:       Action Number:       Corrective Action:       LAS         1       NOT REPORTED       Source of Radiation:       LAS         LAS       1       NOT REPORTED       Event Cause:
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:         Action Number:       Corrective Action:         LAS       1         NOT REPORTED         Source of Radiation:       LAS         LAS
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
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
Event Cause:   LAS   Cause:   NOT REPORTED     Corrective Actions Information:   Action Number:   Corrective Action:   LAS     1   NOT REPORTED     Source of Radiation:   LAS
LAS Cause: NOT REPORTED Corrective Actions Information: Action Number: Corrective Action: LAS 1 NOT REPORTED Source of Radiation: LAS
Cause: NOT REPORTED Corrective Actions Information: Action Number: Corrective Action: LAS 1 NOT REPORTED Source of Radiation: LAS
Corrective Actions Information:         Action Number:       Corrective Action:         LAS         1       NOT REPORTED         Source of Radiation:         LAS
Corrective Actions Information:         Action Number:       Corrective Action:         LAS       1         NOT REPORTED
Action Number: Corrective Action: LAS 1 NOT REPORTED Source of Radiation: LAS
LAS 1 NOT REPORTED Source of Radiation: LAS
1 NOT REPORTED Source of Radiation: LAS
Source of Radiation: LAS
LAS
Source Number: 1
Source/Radioactive Material: SEALED SOURCE CALIB/MARKER Radionuclide or Voltage (kVp/MeV): CS-137
Manufacturer: NR Activity: 0.000009 Ci 0.00033 GBg
Model Number: NR
Serial Number: NR
Device/Associated Equipment:
LAS
Device Number: 1
Device Name: DETECTOR, RADIATION Model Number: 492B
Manutacturer: 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

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#### 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. Westem 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/Reportin	g Party Inform	mation:					
Agreement State	Regulated: YS	S	Reciprocity:	NONE			
License Number:	N	२	Name:	NR			
NRC Docket Num	iber: N/	٩	City:	NR			
NRC Program Co	de: N/	4	State: CA	Zip Code: N	R		
Responsible NRC	Region: 4						
Site of Event: Site Name: POR State: CA	T OF OAKLAN	ND					
Additional Involve	d Party:						
License Number:	N	ON-LICENSEE	Name:	WESTERN META	LS		
			City:	FRESNO			
			State: CA	Zip Code: 9	4607		
Other Information:	:						
NRC Reportable f	Event:	Y	Abnormal Oc	currence:	Ν		
Agreement State	Reportable Ev	vent: Y	Investigation	:	Y		
Atomic Energy Ac	t Material:	Y	NMED Reco	rd Complete:	N		
Consultant Hired:		Y	Event Closed	by Region/State:	Υ		
Event Type:	•••••						
LAS - LOST/ABAN	DONED/STOL	.EN					
Event Cause:							
LAS							
Cause: NOT	REPORTED						
Corrective Actions	s Information:	:					
Action Number:	Corrective Ac	tion:					
LAS							
1	NOT REPOR	RTED					
Source of Radiatio	on:						
LAS							
Source Number:	1						
Source/Radioacti	ve Material: 5	SEALED SOURCE G	AUGE	Radionuclide or	Voltage (kVp/MeV	): CS-137	
Manufacturer:	r	NR		Activity:		0.1 Ci 3	.7 GBq
Model Number:	Ν	NR .					
Serial Number:	Ν	NR .					
Device/Associated	Equipment:						
LAS							
Device Number:	1						
Device Name:	GAUGE FI	XED		Model Number:	7062-P		
Manufacturer:	ATOMIC E	NERGY OF CN		Serial Number:	7428		
Reporting Require	ements:		·				

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

#### 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 Dat	<b>te:</b> 0	3/22/2007	Discov	ery Da	te:	03/22/	2007	Report Date:	03/23/20	07	`
Licensee/Reportir	ng Party Ini	formati	ion:									
Agreement State	Regulated:	YS		Re	ciproc	ity: N	ONE					
License Number:		NON-	LICENSEE	Na	ame:	С	OMME	RCIAL MET.	ALS			
NRC Docket Num	nber:	NA		Ci	ty:	JÆ	ACKSO	NVILLE				
NRC Program Co	de:	NA		St	ate: F	Ľ	Zip	Code: 322	36			
Responsible NRC	Region:	1										
Site of Event:												
Site Name: JAC	KSONVILLI	E										
State: FL												
Additional Involve	d Party:											
License Number:	-	NA	L.	Na	ame:	N	A					
				Ci	ty:	N	A					
				St	ate: N	IA	Zip	Code: NA				
Other Information	:											
NRC Reportable	Event:		N	At	onorma	al Occ	urrence	e: N	1			
Agreement State	Reportable	Event:	Y	In	vestiga	tion:		Y	·			
Atomic Energy A	ct Material:		Y	N	MEDR	ecord	l Comp	lete: Y	,			
Consultant Hired:			Ν	E١	ent Cl	osed	by Reg	ion/State: Y	<b>'</b> ,			
Event Time			·····									
LAS - LOST/ABAN	DONED/ST										-	~
Event Cause:	DONEDIO	OLLI										
LAS												
Cause: NOT	REPORTE	D										
	1											
Corrective Action	s Informati	ion:										
Action Number:	Corrective	Action	1:									
LAS												
1	MATERIA	L DISF	POSED OF AS WA	STE					2			
Source of Radiati	00.											
LAS	011.											
Source Number	: 1											
Source/Radioact	ive Materia	I: UNS	EALED SOURCE	LUMINO	US		Radior	nuclide or Vo	ltage (kVp/MeV)	: RA-226	5	
Manufacturer:		NR					Activity	/:	0.0000039	76 Ci (	0.00014711	GBq
Model Number:		NA					•					•
Serial Number:		AGG	REGATE									
Dovico/Associator	d Fauinma	nt										
LAS	a Equipine	m.										
Device Number	· 1											
Device Name:	RADIO		ESCENT DIAL				Model	Number:	NA			
Manufacturer:	NR						Serial	Number:	AGGREO	SATE		
Keywords:												
LAS												
				DMCTA								
		ILL/INC	INERATOR/SCRA		L							
References:	hor: E-	tru Det	Dotroction	Date	Cada-	Initi-	uler 1	Doforcase T				
	001. EN 07.	12/200	e. Retraction	Date:	DCH			AGREEMEN	YPE: IT STATE EVEN		г	
	011	121200			501		,			TREFOR	• .	

#### Narrative:

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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.

E	Event Date:	04/23/2007	Discovery Date:	04/23/2007	Report Date:	04/23/2007	
E Licensee/Reporting Agreement State R License Number: NRC Docket Numb NRC Program Code Responsible NRC F Site of Event: Site Name: TAMP/ State: FL Additional Involved License Number:	Event Date: Party Inform egulated: YS NC er: NA e: NA Region: 1 A Party: NA	04/23/2007 nation: S DN-LICENSEE	Discovery Date: Reciprocity: Name: City: State: FL Name: City: State: NA	04/23/2007 NONE TRADEMARK ME <sup>T</sup> TAMPA Zip Code: Ni NA NA Zip Code: Ni	Report Date: TALS RECYCLING R	04/23/2007	
Other Information: NRC Reportable Ev Agreement State R Atomic Energy Act Consultant Hired:	vent: eportable Eve Material:	N ent: Y Y N	Abnormal O Investigation NMED Reco Event Close	ccurrence: rd Complete: d by Region/State:	N Y Y Y		
Event Type: LAS - LOST/ABANDO Event Cause: LAS Cause: NOT R Corrective Actions I · Action Number: C LAS	ONED/STOLI EPORTED Information: Corrective Act	EN .					
1 N Source of Radiation LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	MATERIAL Di a: → Material: U N A	ISPOSED OF AS WAS INSEALED SOURCE N IR IA IGGREGATE	NORM	Radionuclide or N Activity:	√oltage (kVp/MeV): 0.00003309	RA-226 9 Ci 0.00122433	GBq
Device/Associated I LAS Device Number: Device Name: Manufacturer:	Equipment: 1 CONTAMIN NR	ATED METAL, SCRA	D	Model Number: Serial Number:	NA NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN References: Reference Numbe FL07-070 <	) N LANDFILL/I r: Entry I 07/12/2	INCINERATOR/SCRAI	<sup>D</sup> METAL Date: Coder Init DCH	ials: Reference AGREEME	Type: ENT STATE EVENT	REPORT	

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#### Narrative:

On 1/9/2007, a luggar 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. 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 Dat	e: 01/09/2007	Discovery Date:	01/09/2007	Report Date:	02/20/2007
Licensee/Reporting Party Inf	ormation:				
Agreement State Regulated:	YS	Reciprocity:	NONE	<b>`</b>	
License Number:	NR	Name:	GE HEALTHCARE		
NRC Docket Number:	NA	City:	OAK CREEK		
NRC Program Code:	NA	State: WI	Zip Code: 53	3204	
Responsible NRC Region:	3				
Site of Event: Site Name: OAK CREEK					
State: WI					
Additional Involved Party:					
License Number:	NON-LICENSEE	Name:	MILLER COMPRES	SSING	
		City:	MILWAUKEE		
		State: WI	Zip Code: Nf	२	
Other Information:			,		
NRC Reportable Event:	Y	Abnormal Oc	currence:	N	
Agreement State Reportable	Event: Y	Investigation	:	Y	
Atomic Energy Act Material:	Y	NMED Reco	rd Complete:	N	
Consultant Hired:	N	Event Closed	by Region/State:	Ν	
Event Type:					
LAS - LOST/ABANDONED/ST	OLEN				
Event Cause:					
LAS					•
Cause: MANAGEMENT	DEFICIENCY				
<b>Corrective Actions Information</b>	on:				
Action Number: Corrective	Action:				
LAS					
1 PERSONN	NEL RECEIVED ADDITIC	NAL TRAINING			
2 NEW EQU	JIPMENT OBTAINED				
Source of Radiation: LAS					
Source Number: 1					
Source/Radioactive Material:	UNSEALED SOURCE	OTHER	Radionuclide or \	/oltage (kVp/MeV):	U-DEP
Manufacturer:	NR		Activity:	0.0002	75 Ci 0.010175 GBq
Model Number:	NR				
Serial Number:	2040-I				
Source Number: 2					
Source/Radioactive Material:	UNSEALED SOURCE	OTHER	Radionuclide or \	/oltage (kVp/MeV):	U-DEP
Manufacturer:	NR		Activity:	0.0002	75 Ci 0.010175 GBq
Model Number:	NR		-		
Serial Number:	2040-II		5. S. S.		

Source Number:	3						
Source/Radioactive	e Material:	UNSEAL	ED SOURCE OTHER	R R	adionuclide or Volta	ige (kVp/MeV): U-DEP	
Manufacturer:		NR		A	ctivity:	0.000275 Ci	0.010175 GBq
Model Number:		NR					
Serial Number:		2040-III					
Source Number:	4						
Source/Radioactive	e Material:	UNSEAL	ED SOURCE OTHER	я я	adionuclide or Volta	age (kVp/MeV): U-DEP	
Manufacturer:		NR		А	ctivity:	0.000275 Ci	0.010175 GBq
Model Number:		NR					
Serial Number:		2040-IV					
Device/Associated	Equipmen	t:					
LAS	• •						
Device Number:	1						
Device Name:	CONTAN		/IETAL, SCRAP	·N	lodel Number:	NA	
Manufacturer:	NR			S	erial Number:	NA	
<b>Reporting Requiren</b> LAS	nents:						
Reporting Require	ment: 20 qu	.2201(a)(1) antities.	(ii) - Lost, stolen, or r	nissing licensed	l material in a quant	ity greater than 10 times	the Appendix C
Keywords:							
LAS							•
MATERIAL FOUNI	D						
ORPHAN SOURC	E						
RAD MATERIAL IN	N LANDFIL	L/INCINE	RATOR/SCRAP MET	AL			
\References:							
Reference Numbe	er: Ent	ry Date:	Retraction Date:	Coder Initials	: Reference Typ	be:	
DOT2007030176	07/1	2/2007		RLS	OTHER		
DOT2007030176A	. 07/1	2/2007		RLS	OTHER		
LTR070718	07/1	8/2007		DCH	NRC LETTER		
LTR070830	09/0	)5/2007		DCH	AGREEMENT	STATE LETTER	
· LTR070830A	09/0	)5/2007		DCH	AGREEMENT	STATE LETTER	

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#### 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.

Trademark Metals and accept	ed for processing.					
Event Date:	: 06/13/2007 Dis	scovery Date:	06/13/2007	Report Date:	06/14/2007	
Licensee/Reporting Party Infor Agreement State Regulated: Y	rmation: ′S	Reciprocity:	NONE			
License Number: N	NON-LICENSEE	Name:	ANTONAKOS			
NRC Docket Number: N		City:				
RC Program Code. N Responsible NPC Region: 1	NA	State: FL	ZIP Code: NF	κ.		
Responsible NRC Region.						
Site Name: TAMPA						
State: FL						
Additional Involved Party:						
License Number: N	ON-LICENSEE	Name:	TRADEMARK MET	ALS		
		City:	TAMPA			
		State: FL	Zip Code: 33	605		
Other Information:						
NRC Reportable Event:	Y	Abnormal O	ccurrence:	N .		
Agreement State Reportable E	ivent: Y	Investigation	1:	Y		
Atomic Energy Act Material:	Y	NMED Reco	ord Complete:	N		
Consultant Hired:	N	Event Close	d by Region/State:	Y		
Event Type: LAS - LOST/ABANDONED/STO Event Cause: LAS Cause: NOT REPORTED	LEN					
<b>Corrective Actions Information</b>	n:					
Action Number: Corrective A	Action:					
LAS						
1 EQUIPMEN	T RETURNED TO MANUFA	ACTURER FOR	R REPAIR OR DISP	USAL		
Source of Radiation: LAS						
Source Number: 1		10		(-)((1-)(( <b>)</b> (1-))	0. AM 044	
Source/Radioactive Material:	SEALED SOURCE IONIZIN	IG	Radionuciide or v	oltage (kvp/mev	): AM-241	
Model Number	NR		Activity.			NR GBY
Serial Number:	NR					
Course North and C						
Source Number: 2	SEALED SOURCE IONIZIN	IG	Radionuclide or V	oltage (k\/p/Me\	(). ΔM-2/1	
Manufacturer:	NR		Activity:	onage (Kypillev	NR Ci	NR GBa
Model Number:	NR					

**Device/Associated Equipment:** 

NR

Serial Number:

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

Device Number:	2					
Device Name:	DETECTOR, SMO	KE	Mod	el Number:	NR	
Manufacturer:	NR		Seri	al Number:	NR	
Reporting Requirem	nents:					
LAS						
Reporting Requirer	ment: 20.2201(a)(1 quantities.	)(ii) - Lost, stolen, or i	missing licensed m	aterial in a quar	itity greater than 10 times the	Appendix C
Keywords:						
LAS						
MATERIAL FOUND	כ					
ORPHAN SOURCE	E					
RAD MATERIAL IN	A LANDFILL/INCINE	RATOR/SCRAP MET	TAL .			
References:						
Reference Numbe	er: Entry Date:	<b>Retraction Date:</b>	Coder Initials:	Reference Ty	/pe:	
FL07-096	07/16/2007		DCH	AGREEMENT	STATE EVENT REPORT	
LTR070913	09/18/2007		DCH	AGREEMENT	STATE LETTER	

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#### 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 Dat	<b>e:</b> 07/1	2/2007	Discovery	Date:	07/1	2/2007	Report Date:	07/12/2007	
Licensee/Repo	rting Party Inf	ormation	:							
Agreement Sta	ate Regulated:	YS		Recipr	ocity:	NONE				
License Numb	er:	NON-LIC	ENSEE	Name	-	ALTEF				
NRC Docket N	lumber:	NA		City:		MOBIL	.E			
NRC Program	Code:	NA		State:	AL	2	Zip Code: NR			
Responsible N	RC Region:	1					·			
Site of Event:										
Site Name: M	OBILE									
State: A	L									
Additional Invo	- Ivod Bortu									
Liconso Numb	or			Nomo		IDECC	OTEEL			
License Numb	сі.	NON-LIC	ENSEE	Citur		AVIC	SIEEL			
				State:	A I	AA15	Zin Codo: NR			
				State.	AL	4	Lip Code. Nit			
Other Informati	on:									
NRC Reportab	ble Event:	N		Abnori	nal O	ccurrer	ice: N	1		
Agreement Sta	ate Reportable	Event: Y		Investi	gation	:	N N	1		
Atomic Energy	Act Material:			NMED	Reco	rd Con	nplete: Y	, ,		
Consultant Hin	ed:	N		Event	Close		egion/State: Y	<u></u>		
Event Type:										
LAS - LOST/AB	ANDONED/ST	OLEN								
Event Cause:										
LAS										
Cause: O	THER									
				١.						
Corrective Action	ons Informatio	on:								
Action Numbe	r: Corrective	Action:								
LAS										
1	MATERIAL	_ DISPOS	SED OF AS WA	STE						,
Source of Radia	ation:									
LAS										
Source Numb	per: 1									•
Source/Radioa	active Material:	UNSEA	LED SOURCE	NORM		Radi	onuclide or Vo	oltage (kVp/Me	V): NORM	
Manufacturer:		NR				Activ	ity:		NR Ci	NR GBq
Model Number	r:	NA	-4							
Serial Number	·.	NA								
Device/Assasia	ted Faultaneou									ŧ.
LAS	ited Equipmen	ц.					· .			
Dovice Numb	or: 1									
Device Namo:				D		Mod	Number	NIA		~ ~
Manufacturor:	NP	VIINATED	METAL, SORA			Soria		NA NA		
Manufacturer.	INIX					Sena	in Number.	NA		
Keywords:										
LAS									,	
MATERIAL FO	DUND									
RAD MATERIA	AL IN LANDFIL	L/INCINI	ERATOR/SCRA	P METAL			•			
References:										
Reference Nu	imber: Ent	ry Date:	Retraction	Date: Cod	er Init	ials:	Reference T	уре:		
AL070030	08/0	06/2007		DCH	1		AGREEMEN	IT STATE EVE	NT REPORT	
LTR071003	10/0	04/2007		DCH	1.		AGREEMEN	IT STATE LET	TER	

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#### 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 Dat	e: 07.	12/2007	Discov	ery D	ate:	07/1	2/2007	Report Date:	07/12/2007	
Licensee/Reporting	Party Inf	ormatio	n:								
Agreement State R	Regulated:	YS		R	ecipro	city:	NONE				
License Number:	-	NON-L	CENSEE	N	ame:		ALTEF	RTRADING			
NRC Docket Numb	er:	NA		С	ity:	J	MOBIL	E			
NRC Program Cod	e:	NA		S	tate:	AL	Z	Zip Code: NR			
Responsible NRC I	Region:	1									
Site of Event	· ·										
Site Name: MOBIL	F										
State: Al											
							•				
Additional Involved	Party:										
License Number:		NON-LI	CENSEE	N	ame:		IPSCC	STEEL			
				C	ity:		AXIS				
				S	tate:	AL	Z	Ip Code: NR			
Other Information:											
NRC Reportable Ev	vent:		N	A	bnorm	al Oc	currer	ice: N	1		
Agreement State R	Reportable	Event:	Y	ln	vestig	ation	:	٢	4		
Atomic Energy Act	Material:		N	Í N	MED	Reco	rd Con	nplete: Y	( .		
Consultant Hired:			N	E	vent C	losed	d by Re	egion/State: Y	(		
Event Type:											
LAS - LOST/ABAND	ONED/ST										
Event Cause	ONED/OT	ULLI,									
LAS											
Cause: OTHEI	R										
•===•											
Corrective Actions	Informatio	-n-									
Action Number: (	Corrective	Action:									
LAS											
1 1	MATERIA		SED OF AS WAS	STE							
Source of Radiation	า:										
LAS											
Source Number:	1										
Source/Radioactive	e Material:	UNSE	ALED SOURCE N	NORM			Radi	onuclide or Vo	oltage (kVp/Me	V): NORM	
Manufacturer:		NR					Activ	ity:		NR Ci	NR GBq
Model Number:		NA									
Serial Number:		NA									
Device/Associated	Equipmer	nt:									
LAS											
Device Number:	1										
Device Name:	CONTA	MINATE	D METAL, SCRAI	P ·			Mode	el Number:	NA		
Manufacturer:	NR		,				Seria	I Number:	NA		
Keywords:											
LAS	_										
	U										
RAD MATERIAL IN	N LANDFIL	L/INCI	NERATOR/SCRAF	P META	L						
References:	_	_			_	_			_		
Reference Numbe	er: Ent	ry Date	Retraction I	Date:	Code	r Initi	ials:	Reference 1	ype:		
AL070031	08/0	06/2007			DCH			AGREEMEN	IT STATE EVE	NT REPORT	

LTR071003 AL070031A 10/04/2007 10/16/2007

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DCH DCH AGREEMENT STATE LETTER AGREEMENT STATE EVENT REPORT
# Narrative:

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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 Da	ate: 07/18	8/2007	Discovery Date:	07/18/2007	Report Date:	07/18/2007	
Licensee/Reporting Party Ir Agreement State Regulated License Number: NRC Docket Number: NRC Program Code:	iformation: I: YS NON-LIC NA NA	ENSEE	Reciprocity: Name: City: State: AL	NONE JORDAN SCRAP BIRMINGHAM Zip Code: NR			
Responsible NRC Region:	1						
Site of Event: Site Name: BIRMINGHAM State: AL							
Additional Involved Party:			•				
License Number:	NON-LIC	ENSEE	Name: City: State: AL	NUCOR STEEL BIRMINGHAM Zip Code: NR			
Other Information:							
NRC Reportable Event: Agreement State Reportabl Atomic Energy Act Material: Consultant Hired:	N e Event: N : N N		Abnormal O Investigation NMED Reco Event Close	ccurrence: N n: N ord Complete: N d by Region/State: N	N 7 7		
Event Type:							
LAS - LOST/ABANDONED/S Event Cause: LAS Cause: OTHER	TOLEN .						·
Corrective Actions Informat Action Number: Correctiv LAS 1 NO COR	tion: e Action: RECTIVE A						
Source of Radiation:							
Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	I: UNSEA NA NA NA	LED SOURCE O	THER	Radionuclide or Vo Activity:	oltage (kVp/MeV): N	NA IA Ci	NA GBq.
Device/Associated Equipme	ent:						
LAS Device Number: 1 Device Name: CONTA Manufacturar: NP		METAL, SCRAP		Model Number:	NA		
Manufacturer. NR				Serial Number:	NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LANDF	ILL/INCINE	RATOR/SCRAP	METAL				
References:							
Reference Number:ErAL07003208LTR07100310	htry Date: 3/06/2007 3/03/2007	Retraction D	ate: Coder Ini DCH DCH	tials: Reference 1 AGREEMEN AGREEMEN	<b>Гуре:</b> ∿T STATE EVENT ∿T STATE LETTE	REPORT	

## 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	e: 08/14/	2007	Disco	overy Date	e: 08/	14/2007	Report Date	e: 08/15/2007	
Licensee/Reporting	Party Info	ormation:								
Agreement State R	egulated:	NO		F	Reciprocity	: NONE	Ξ			
License Number:		DPR-0033		1	Name:	BROV	VNS FERRY	/, UNIT 1		
NRC Docket Numb	er:	05000259		(	City:	ATHE	NS			
NRC Program Cod	e:	41000		5	State: AL		Zip Code: 3	5611		
Responsible NRC I	Region:	1								
Site of Event:										
Site Name: ATHE	NS									
State: AL										
Additional Involved	Darte									
License Number:	Faily.		NGEE	,	Jamo	TENIN				
License Number.			NOCE				IESSEE VAL		ERS	
					oity. Stato: NB		Zin Cada: N	10		
2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1				Ň			Zip Code. N			
Other Information:										
NRC Reportable Ev	vent:	N		/	Abnormal	Occurre	nce:	N		
Agreement State R	eportable I	Event: N		I	nvestigatio	on:		N		
Atomic Energy Act	Material:	Y	•	1	MED Red	cord Co	mplete:	Y		
Consultant Hired:		N		E	Event Clos	ed by F	legion/State:	N		
Event Type:										
LAS - LOST/ABAND	ONED/ST	OLEN								
Event Cause:										
LAS										
Cause: NOT R	EPORTE	)								
Corrective Actions	Informatio	n:							•	
Action Number: 0	Corrective	Action:								
LAS						•				
1 1	NOT REPO	DRTED								
Source of Radiation								1		
LAS										
Source Number:	1									
Source/Radioactive	- Material	UNSEAL		OTHER	,	Rac	lionuclide or	Voltage (kVn/M		
Manufacturer:		NR		0	•	Acti	vitv <sup>.</sup>	ronage (nrpin	NR Ci	NR GBa
Model Number:		NA								
Serial Number:		NA								
Device/Associated I	Equipmen	t:							,	
LAS						Υ.				
Device Number:	1									
Device Name:	CONTAI	NER, OTH	ER			Мос	lel Number:	NA		
Manufacturer:	NR					Seri	al Number:	NA		
Keywords:										
LAS										
					A 1					
		L/INCINE	WICK/SCR/		4L					
References;		ne Dot	Datus -ti-	Deter	Onderst		Deferre	· <b>T</b>		
EN43568	n. <b>⊏ntr</b> 08/1	6/2007	Retraction	Date:	DCH	iitiais:	EVENT N	OTIFICATION		·

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## 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.

Ev	ent Date:	07/02/2007	Discovery Date	: 07/02/200	07 Repo	rt Date: 07/02/	2007
Licensee/Reporting P Agreement State Reg License Number: NRC Docket Number NRC Program Code: Responsible NRC Re	Party Inform gulated: YS NO :: NA NA egion: 1	nation: NN-LICENSEE	Reciprocity Name: City: State: FL	: NONE COMMERC JACKSONV Zip Co	IAL METALS /ILLE ode: 32236		
Site of Event: Site Name: JACKSC State: FL	DNVILLE						
Additional Involved P	arty:				•		
License Number:	NA		Name: City: State: NA	NA NA Zip C	ode: NA		
Other Information: NRC Reportable Eve Agreement State Rep Atomic Energy Act M Consultant Hired:	nt: portable Eve laterial:	N ent: Y N N	Abnormal o Investigatio NMED Rec Event Clos	Dccurrence: on: cord Complete ed by Region	N Y e: Y /State: Y		
LAS - LOST/ABANDOL Event Cause: LAS Cause: NOT RE Corrective Actions In Action Number: Co LAS 1 NO	NED/STOLE PORTED formation: prrective Act	EN tion: TED					
Source of Radiation: LAS Source Number: Source/Radioactive I Manufacturer: Model Number: Serial Number:	1 Material: U N N	NSEALED SOURCE R A GGREGATE	LUMINOUS	Radionuc Activity:	lide or Voltage (	(kVp/MeV): RA-2 0.00004895 Ci	26 0.00181115 GBq
Device/Associated Ed LAS Device Number: Device Name: Manufacturer:	quipment: 1 RADIOLUM NR	INESCENT DIAL		Model Nu Serial Nu	mber: mber:	NA AGGREGATE	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN I References:	LANDFILL/I	NCINERATOR/SCRA	P METAL		·		
Reference Number: FL07-105	Entry I 09/06/2	Date: Retraction	Date: Coder Ir DCH	nitials: Ref AG	erence Type: REEMENT STA	TE EVENT REPO	PRT

## 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.

Ev	vent Date:	07/27/2	2007 Di	scovery Date	e: 07/2	27/2007	Report Date:	07/27/200	7	
Licensee/Reporting F Agreement State Reg License Number: NRC Docket Number NRC Program Code: Responsible NRC Re Site of Event: Site Name: ROCKLI State: FL Additional Involved F License Number:	vent Date: Party Inform gulated: YS NC NA egion: 1 EDGE Party: NA	07/27/2 nation: 5 DN-LICE1 4 4	2007 Di	scovery Date Reciprocity Name: City: State: FL Name: City:	Y: NONE TRAE ROCH	27/2007 E DEMARK META KLEDGE Zip Code: 329	Report Date: ALS 55	07/27/200	7	
Other Information: NRC Reportable Eve Agreement State Re Atomic Energy Act M Consultant Hired:	nt: portable Ev laterial:	N ent: Y N N		State: NA Abnormal Investigati NMED Re Event Clos	Occurre on: cord Co sed by F	Zip Code: NA nce: N Y mplete: Y Region/State: Y	l , ,			
Event Type: LAS - LOST/ABANDO Event Cause: LAS Cause: NOT RE Corrective Actions In Action Number: Co LAS	NED/STOL PORTED formation: prrective Ac DT REPOR	EN stion:								
Source of Radiation: LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number: Device/Associated Ed LAS	1 Material: S N N quipment:	SEALED S IR IR IR	SOURCE IONIZI	٧G	Rac Acti	lionuclide or Vc vity:	oltage (kVp/MeV): 0.0000	RA-226 03 Ci	0.000111	ЗBq
Device Number: Device Name: Manufacturer:	1 DETECTOF NR	R, SMOK	E		Moo Seri	del Number: ial Number:	NR NR			
Keywords: LAS MATERIAL FOUND ORPHAN SOURCE RAD MATERIAL IN	LANDFILL/I	INCINER	ATOR/SCRAP M	ETAL						
References: Reference Number: FL07-112	: Entry 09/06/2	<b>Date:</b> 2007	Retraction Dat	e: <b>Coder I</b> I DCH	nitials:	<b>Reference T</b> AGREEMEN	<b>ype:</b> It state even	T REPORT		

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## 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 Identifinder. 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.

Even	t Date:	08/16/2007 C	Discovery Date:	08/16/2007	Report Date:	08/16/2007	
Licensee/Reporting Part	ty Informa	ation:					
Agreement State Regula	ated: YS		Reciprocity:	NONE			
License Number:	NON	-UCENSEE	Name	CARL HARRIS			
NRC Docket Number	NA		City:	SYCAMORE			
NRC Program Code:	NΔ		State: GA	Zin Code: N	R		
Responsible NRC Regin	ימי חמי 1			2000000			
	<i>.</i>				•		
Site of Event:	-						
Site Name: SYCAMOR	E						
State: GA							
Additional Involved Part	ty:						
License Number:	NON	I-LICENSEE	Name:	TRADEMARK ME	TALS		
			City:	TAMPA			
			State: FL	Zip Code: 3	3619		
Other Information:							
NRC Reportable Event:		N	Abnormal O	ccurrence:	N		
Agreement State Repor	table Ever	nt: N	Investigation	n:	Y		1
Atomic Energy Act Mate	erial:	Y	NMED Reco	ord Complete:	Y		
Consultant Hired:		Ν	Event Close	d by Region/State:	Y		
Event Type:							
LAS - LOST/ABANDONE	D/STOLE	N					
Event Cause:							
LAS							
Cause: NOT REPO	RTED						
				1			
Corrective Actions Infor	mation:						
Action Number: Corre	ective Actio	on:					
LAS			_				
1 MATE	ERIAL DIS	POSED OF AS WAST	E				
Source of Radiation:							
LAS							
Source Number:	1						
Source/Radioactive Ma	terial: UN	SEALED SOURCE OT	HER	Radionuclide or	Voltage (kVp/MeV	): TH-232	
Manufacturer:	NR	•		Activity:	0	, NR Ci	NR GBa
Model Number:	NA				•		·
Serial Number:	NA						
LAS	pment:						
LAG Device Numbers 4							
Device Number: 1				Madat Numbaw	NIA		
Manufacturor: NR	TAL, SUR	AP		Nodel Number:	NA		
Manufacturer: NK				Serial Number:	NA .		
Keywords:							
LAS			·				
MATERIAL FOUND							
RAD MATERIAL IN LAI	NDFILL/IN	CINERATOR/SCRAP	METAL				
References:							
Reference Number:	Entry Da	ate: Retraction Da	ite: Coder Ini	tials: Reference	e Type:		

FL07-125	09/06/2007	DCH	AGREEMENT STATE EVENT REPORT	
GA-2007-19I	09/06/2007	DCH	AGREEMENT STATE EVENT REPORT	

## 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 D	ate: 07/30/2007	Discovery Date:	07/30/2007	Report Date: 07/30/2007	•
Licensee/Reporting Party I	nformation:	,			
Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	d: YS NON-LICENSEE NA NA 1	Reciprocity: Name: City: State: NC	NONE FOSS TRUCKING JACKSONVILLE Zip Code: NR		
Site of Event: Site Name: JACKSONVILI State: NC	LE				
Additional Involved Party: License Number:	NON-LICENSEE	Name: City: State: NC	ATLANTIC SCRAP WILMINGTON Zip Code: NR		
Other Information: NRC Reportable Event: Agreement State Reportab Atomic Energy Act Materia Consultant Hired:	N le Event: Y l: N N	Abnormal O Investigatior NMED Reco Event Close	ccurrence: N n: Y rd Complete: Y d by Region/State: Y		
Event Type:		· · · · · · · · · · · · · · · · · · ·		······································	
LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORT Corrective Actions Informa Action Number: Corrective LAS	STOLEN ED ation: ve Action:				
1 MATERI	IAL DISPOSED OF AS	WASTE			
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materi Manufacturer: Model Number: Serial Number:	al: UNSEALED SOUR NR NA NA	CE LUMINOUS	Radionuclide or Vo Activity:	oltage (kVp/MeV): RA-226 NR Ci	NR GBq
Device/Associated Equipm LAS Device Number: 1 Device Name: RADIO Manufacturer: NR	DLUMINESCENT COM	PASS FACE	Model Number: Serial Number:	NA NA	
Keywords: LAS • MATERIAL FOUND RAD MATERIAL IN LANDI	FILL/INCINERATOR/SC	CRAP METAL			
References: Reference Number: E NC070038 0	intry Date: Retraction 9/12/2007	on Date: Coder Ini DCH	tials: Reference 1 AGREEMEN	<b>"ype:</b> IT 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 handheld 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.

E	Event Date:	09/28/2007	Discovery Date:	09/28/2007	Report Date:	10/02/2007	
Licensee/Reporting Agreement State Re License Number: NRC Docket Number NRC Program Code Responsible NRC F Site of Event: Site Name: APPLE	Party Infor egulated: Y G er: N e: N Region: 3	ignation: S ENERAL LICENS A A	Reciprocity: Name: City: State: WI	NONE SABEE CO. APPLETON Zip Code: N		10/02/2007	
State: WI							
Additional Involved License Number:	Party: N	ION-LICENSEE	Name: City:	SADOFF SCRAP FOND DU LAC	YARD		
•	•		State: WI	Zip Code: N	NR		
Other Information: NRC Reportable Ev Agreement State R Atomic Energy Act Consultant Hired:	vent: eportable E Material:	Y vent: Y Y N	Abnormal O Investigation NMED Reco Event Close	ccurrence <u>:</u> n: ord Complete: ed by Region/State	N Y Y		
Event Type:			· · · · · · · · · · · · · · · · · · ·	,			(
LAS - LOST/ABANDO	ONED/STO	LEN					
Event Cause: LAS Cause: MANAO	GEMENT D	EFICIENCY		×			
Corrective Actions I Action Number: C	n <b>formatior</b> Corrective A	n: ction:					
LAS 1 N	0 CORRE	CTIVE ACTION TAKE	N				
Source of Radiation	:						
Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 Material:	SEALED SOURCE GA AMERSHAM NR NR	UGE	Radionuclide or Activity:	Voltage (kVp/Me∖ (	/): AM-241 0.15 Ci	5.55 GBq
Device/Associated E	Equipment:						
LAS					-		
<b>Device Number:</b> Device Name: Manufacturer:	1 GAUGE F NDC INFF	IXED ARED ENG		Model Number: Serial Number:	105 1189		
Reporting Requirem	ents:						

# 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

#### 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 Da	ate: 09/11/2007	Discovery Date:	09/11/2007	Report Date: 09/1	1/2007
Licensee/Reporting Party Ir	nformation:				
Agreement State Regulated	d: YS	Reciprocity:	NONE		
License Number:	NON-LICENSEE	Name:	METAL RECYCLIN	G SERVICES	
NRC Docket Number:	NA	City:	MONROE		
NRC Program Code:	NA	State: NC	Zip Code: 28	110	
Responsible NRC Region:	1				
Site of Event:					
Site Name: MONROE					
State: NC					
Additional Involved Party					
License Number:	NON-LICENSEE	Name:	NR		
		Citv:	NR		
		State: KY	Zip Code: NF	र	
Other Information					
NPC Penortable Event:	N	Abnormal O	courropco:	N	
Agreement State Reportable	le Event: N	Investigation	countence.		
Atomic Energy Act Material	N N	NMED Reco	nd Complete:	v	
Consultant Hired	IN	Event Close	d by Region/State	Y ·	
Event Type:					
LAS - LOST/ABANDONED/S	STOLEN				
Event Cause:					
LAS					
Cause: NOT REPORT	ED				,
Corrective Actions Informat	tion				
Action Number: Corrective	e Action:		·		
IAS					
1 MATERI	AL DISPOSED OF AS	WASTE			
Source of Radiation:					
LAS					
Source Number: 1			<b>.</b>		
Source/Radioactive Materia	al: UNSEALED SOUL	RCE LUMINOUS	Radionuclide or V	oltage (kvp/MeV): RA	-226
Manufacturer:			Activity:	NR CI	NK GBd
Sorial Number:					
Senar Number.	IN/A				
Device/Associated Equipme	ent:				
LAS					
Device Number: 1					
Device Name: RADIC	DLUMINESCENT DIAL	. ·	Model Number:	NA	
Manufacturer: NR			Serial Number:	NA	
Keywords:					
LAS					
MATERIAL FOUND					
RAD MATERIAL IN LANDF	FILL/INCINERATOR/S	CRAP METAL			
References:					
Reference Number: E	ntry Date: Retract	tion Date: Coder Ini	tials: Reference	Туре:	
NC070044 10	0/08/2007	DCH	AGREEME	NT STATE EVENT REP	PORT

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#### 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.

Ev	ent Date:	09/20/2007	Discovery Date:	09/20/2007	Report Date:	09/20/2007	
Licensee/Reporting P	Party Inform	nation:					
Agreement State Reg	gulated: YS		Reciprocity:	NONE			
License Number:	NC	N-LICENSEE	Name:	A-1 RECYCLING			
NRC Docket Number	r: NA		City:	CONNELY SPRIN	GS		
NRC Program Code:	NA		State: NC	Zip Code: N	R		
Responsible NRC Re	egion: 1						
Site of Event:							
Site Name: CONNE	LY SPRING	s					
State: NC		-					
Additional Involved P	artur						
License Number	NC		Name <sup>.</sup>	OUEMETCO			
Electise Multipol.			City:				
			State: IN	Zin Code: N	R		
Other Information				alp couol it			
NRC Reportable Eve	nt.	N .	Abnormal Or	Currence.	N		
Agreement State Rei	nortable Eve	ent N	Investigation		N ·		
Atomic Energy Act M	pondole Lve Istorial:	V	NMED Reco	rd Complete:	v · ·		
Consultant Hired	aterial.	N	Event Closer	the Region/State	Y		
,							
Event Type:							
LAS - LOST/ABANDO	NED/STOLI	Ę <b>N</b>					
Event Cause:							
LAS			•				
Cause: NOT RE	PORTED						
	f						
Action Number: Co	rormation:	lion					
	STECTIVE AC	uon.					
1 M/			VASTE			•	>
1 107			VAULE .				
Source of Radiation:							
LAS							
Source Number:	1						
Source/Radioactive I	Material: U	NSEALED SOURC	E OTHER	Radionuclide or	Voltage (kVp/MeV	'): TH-232	
Manufacturer:	N	R		Activity:		NR Ci	NR GBq ′
Model Number:	N.	A					
Serial Number:	N	A					
Device/Associated Ec	quipment:						
LAS							
Device Number:	1						
Device Name:	CONTAMIN	ATED METAL, SC	RAP	Model Number:	NA		
Manufacturer:	NR			Serial Number:	NA		
Kevwords:							
LAS							
MATERIAI FOUND							
RAD MATERIAL IN I	LANDFILL/I	NCINERATOR/SC	RAP METAL				
References:							
Reference Number:	: Entry I	Date: Retractio	n Date: Coder Init	ials: Reference	e Type:		

NC070046	10/10/2007	DCH	AGREEMENT STATE EVENT REPORT
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## Last Updated: 12/11/2007

# Item Number: 070628

## Narrative:

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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 D	ate: 09/20/2007	Discovery Date: 09/2	0/2007 Report Date:	09/20/2007
Lissness/Penarting Ports h	nformation:	Discovery Date. 00/2	nepon bute.	5672672001
Licensee/Reporting Party II Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	Normation: d: YS NON-LICENSEE NA NA 1	Reciprocity: NONE Name: TUBE City: FAIRF State: AL	CITY IELD Zip Code: NR	
Site of Event: Site Name: FAIRFIELD State: AL				
Additional Involved Party: License Number:	NON-LICENSEE	Name: GALL City: GHEN State: KY 5	ATIN STEEL CO. T Zip Code: NR	
Other Information: NRC Reportable Event: Agreement State Reportabl Atomic Energy Act Material Consultant Hired:	N le Event: Y l: N N	Abnormal Occurren Investigation: NMED Record Cor Event Closed by R	nce: N Y nplete: Y egion/State: Y	
Event Type: LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORT Corrective Actions Informa Action Number: Correctiv	STOLEN ED tion: re Action:			
LAS 1 MATERI	AL DISPOSED OF AS WAS	TE		
Source of Radiation: LAS Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	al: UNSEALED SOURCE N NR NR NR	ORM Rad Activ	onuclide or Voltage (kVp/MeV): ity: NR	NR tCi NR GBq
Device/Associated Equipm	ent:			
Device Number: 1 Deviće Name: CONT/ Manufacturer: NR	AMINATED METAL, SCRAP	Mod Seri	el Number: NA al Number: NA	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LANDF References:	-ILL/INCINERATOR/SCRAP	METAL		
Reference Number:         E           AL070042         10           AL070042A         12	ntry Date: Retraction D 0/16/2007 2/11/2007	ate: Coder Initials: DCH DCH	Reference Type: AGREEMENT STATE EVENT AGREEMENT STATE EVENT	REPORT

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#### 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 Da	ate: 09/28/2007	Discovery Date:	09/28/2007	Report Date:	09/28/2007	
Licensee/Reporting Party In	nformation:					
Agreement State Regulated	d: 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: 90	731		
Responsible NRC Region:	4					
Site of Event: Site Name: LONG BEACH State: CA	I ·					
Additional Involved Party:						•
License Number:	NON-LICENSEE	Name:	TRI COUNTY AUT	O DISMANTLING		
		City:	NR			
		State: CA	Zip Code: NF	र		
Other Information:						
NRC Reportable Event:	N	Abnormal C	ccurrence:	N		
Agreement State Reportable	le Event: Y	Investigation	n:	Y		
· Atomic Energy Act Material	l: N	NMED Reco	ord Complete:	Y		
Consultant Hired:	Ν	Event Close	d by Region/State:	Y .		
Event Type:						
LAS - LOST/ABANDONED/S	STOLEN					
Event Cause:			· · · ·			
LAS						
Cause: NOT REPORTI	ED					
	· .					
<b>Corrective Actions Informat</b>	tion:					
Action Number: Correctiv	ve Action:	·				
LAS					•	
1 NOT REI	PORTED					
Source of Radiation:		- -				
LAS						
Source Number: 1						
Source/Radioactive Materia	al: UNSEALED SOURCE	LUMINOUS	Radionuclide or V	/oltage (kVp/MeV):	RA-226	
Manufacturer:	NR		Activity:	N	IR Ci	NR GBq
Model Number:	NA					
Serial Number:	NA					
Device/Associated Equipme	ent:					
LAS				•		
Device Number: 1						
Device Name: RADIO	DLUMINESCENT DIAL		Model Number:	NA		
Manufacturer: NR			Serial Number:	NA	·	
Keywords:						
LAS			·		•	
	FILL/INCINERATOR/SOR	AP METAI				
References:						
Reference Number: Er	ntry Date: Retraction	Date: Coder Ini	tials: Reference	Type:		
				2 E T T		

12/12/2007 DCH AGREEMENT STATE LETTER	12/12/2007 DCH A		
		12/12/2007 DCH	212 12/
03/04/2008 DCH AGREEMENT STATE LETTER	03/04/2008 DCH A	03/04/2008 DCH	229 03/

## 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: 08/2	2/2007	Discovery Date:	08/22/2007	Report Date: 08	/28/2007
Event Licensee/Reporting Party Agreement State Regulat License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region Site of Event: Site Name: ORLANDO State: FL Additional Involved Party License Number:	Date: 08/2 Information ed: YS NON-LIC NA NA 1: 1	2/2007 : ENSEE	Discovery Date: Reciprocity: Name: City: State: FL Name: City:	08/22/2007 NONE E&H CAR CRUS⊢ ORLANDO Zip Code: 3 NA	Report Date: 08	/28/2007
Other Information: NRC Reportable Event: Agreement State Reporta Atomic Energy Act Materi Consultant Hired:	√ N uble Event: Y ial: Y N	. 	State: NA Abnormal Ou Investigation NMED Reco Event Closed	Zip Code: N ccurrence: : rd Complete: d by Region/State:	IA Y Y Y	
Event Type: LAS - LOST/ABANDONED Event Cause: LAS Cause: NOT REPOR Corrective Actions Inform Action Number: Correc LAS	/STOLEN RTED nation: tive Action:					·
Source of Radiation: LAS Source Number: Source/Radioactive Mate Manufacturer: Model Number: Serial Number:	rial: UNSEA NR NA AGGRE	LED SOURCE C	THER	Radionuclide or Activity:	Voltage (kVp/MeV): L 0.073424 C	J-DEP Si 2.716688 GBq
Device/Associated Equip LAS Device Number: 1 Device Name: MET Manufacturer: NR	ment: AL, DEPLET	ED URANIUM		Model Number: Serial Number:	NA AGGREGATI	E
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAN References: Reference Number:	DFILL/INCINE	ERATOR/SCRAF	<sup>9</sup> METAL Date: Coder Init	ials: Reference	e Type:	
FL07-127	10/23/2007		DCH	AGREEM	ENT STATE EVENT R	EPORT

## 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	Discov	very Date:	08/	30/2007	Report D	ate: 08/30/	2007
Licensee/Reportin	ig Party Info	rmation:			-			-		
Agreement State	Regulated: Y	′S		R	eciprocity:	NON	Ε			
License Number:	Ν	ION-LICE	NSEE	N	ame:	COM	MERCIAL ME	ETALS		
NRC Docket Num	ber: N	IA		Ci	ity:	JACK	SONVILLE			
NRC Program Co	de: N	IA		St	tate: FL		Zip Code: 3	2236		
Responsible NRC	Region: 1									
Site of Event:										
Site Name: JAC	SONVILLE									
State: FL										
Additional Involve	d Party									
License Number	uraity. N	١Δ		N	amo	ΝΔ				
License Number.										
					ity. Iato: NA	N/A	Zin Codo: N	٨		
				0	late. NA		Zip Code. N	A		
Other Information	:									
NKC Reportable I	Event: Depertation	N N		AI	onormal C	ccurre	ince:	N		
Agreement State	Reportable E	vent: Y		in •	vestigatio	n: 		Y		
Atomic Energy Ad	t Material:	Y			MED Reco		mplete:	Y		
Consultant Hired:		N		E'	vent Close	а ру н	kegion/State:	Y		
Event Type:										,
LAS - LOST/ABAN	DONED/STO	LEN								
Event Cause:										
LAS										
Cause: NOT	REPORTED									
<b>Corrective Actions</b>	s Informatior	า:								
Action Number:	Corrective A	ction:								
LAS									,	
1	MATERIAL	DISPOSE	ED OF AS WA	STE						
Source of Radiatio	on:									
LAS										
Source Number:	1									
Source/Radioacti	ve Material:	UNSEAL	ED SOURCE	OTHER		Rac	lionuclide or	Voltage (kVp	/MeV): U-DE	P
Manufacturer:		NR				Acti	vity:	• • •	0.02084 Ci	0.77108 GBa
Model Number:		NA					•			
Serial Number:	•	AGGREG	<b>SATE</b>							
Dovico/Accesint-										
LEVICE/ASSOCIATED	duipment	•		÷						
Davica Number	1								-	
Device Number.						Ma	dal Nivashaa			
Manufacturor:	ND		JURANIUM					NA A C		
Manufacturer.	INIC					Sei	al number:	AG	GREGATE	
Keywords:										
LAS										
MATERIAL FOUR	ND									
RAD MATERIAL	IN LANDFILL	/INCINE	RATOR/SCRA	P META	L					
References:										
Reference Numb	per: Entry	/ Date:	Retraction	Date:	Coder Ini	tials:	Reference	e Type:		
FL07-132	10/24	/2007			DCH		AGREEM	ENT STATE	EVENT REPO	RT

#### Last Updated: 12/12/2007

# Item Number: 070664

## 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.

E	Event Date:	10/11/2007	Disco	overy Date:	<b>1</b> 0/1	1/2007	Report Date:	10/12/2007	
Licensee/Reporting Agreement State Re License Number: NRC Docket Number NRC Program Code Responsible NRC F	Party Infor egulated: Y N er: N e: N Region: 1	mation: S ION-LICENSEE IA IA	F N Q	Reciprocity: Name: Dity: State: FL	NONE OCALA OCALA Z	A RECYCLIN A Vip Code: 344	G 475		
Site of Event: Site Name: OCALA State: FL	4								
Additional Involved	Party:								
License Number:	N	IA	1 ( 5	Name: City: State: NA	NA NA Z	ip Code: NA	``````````````````````````````````````		
Other Information: NRC Reportable Ev Agreement State Re Atomic Energy Act Consultant Hired:	vent: eportable E Material:	N vent: Y N N	/     	Abnormal C nvestigation NMED Reco Event Close	occurren n: ord Com od by Re	ce:      plete: `  gion/State: `	N		
Event Type: LAS - LOST/ABANDO Event Cause: LAS Cause: NOT R	ONED/STO	LEN							
Corrective Actions I Action Number: C LAS 1 N	nformation Corrective A	i: ction: RTED							
Source of Radiation LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	: ■ 1 ■ Material:	UNSEALED SC NR NA NA	DURCE NORM		Radio Activ	onuclide or V ity:	َ oltage (kVp/MeV) ۱	: NR NR Ci	NR GBq
Device/Associated E LAS Device Number: Device Name:	Equipment: 1 CONTAMI	NATED METAL	., SCRAP		Mode	el Number:	NA		
Manufacturer:	NR				Seria	l Number:	NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN	) I LANDFILL	/INCINERATO	R/SCRAP MET	AL		·			
References:									
<b>Reference Numbe</b> FL07-155 LTR071212	r: Entry 10/30 12/12	<b>Date: Retr</b> 0/2007 2/2007	action Date:	<b>Coder Ini</b> DCH DCH	tials:	Reference AGREEMEI AGREEMEI	<b>Type:</b> NT STATE EVEN NT STATE LETTE	T REPORT	

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#### Narrative:

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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.

E	Event Date:	05/24/20	07	Disco	overy Date:	05/24	/2007	Report Date	<b>e:</b> 0	5/24/2007	
Licensee/Reporting Agreement State R License Number: NRC Docket Numb NRC Program Code Responsible NRC F	Party Inform egulated: NC NC er: NA e: NA Region: 1	nation: D DN-LICENS	BEE		Reciprocity: Name: City: State: PA	NONE CASTU MCKEE Zi	RO'S SCRA SPORT p Code: NR	P YARD			
Site of Event: Site Name: MCKE State: PA	ESPORT										
Additional Involved License Number:	Party: NF	र			Name: City: State: PA	PITTSB PITTSB Zi	URGH AER URGH p Code: NR	ONAUTICS I	INSTITU	JTE	
Other Information: NRC Reportable Ev Agreement State R Atomic Energy Act Consultant Hired:	vent: eportable Ev Material:	N ent: N N N		     	Abnormal O nvestigatior NMED Recc Event Close	ccurrenc n: ord Comj d by Reg	e: N blete: N gion/State: N	N Y Y N			;
<b>Event Type:</b> LAS - LOST/ABANDO <b>Event Cause:</b> LAS Cause: NOT R <b>Corrective Actions I</b> Action Number: C LAS	ONED/STOL ÉPORTED Information: Corrective Ac	EN tion: ISPOSED	OF AS WA	STE							
Source of Radiation LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 ∋ Material: U N N A	INSEALEE IR IA IGGREGA	SOURCE	LUMIN	ous	Radio Activit	nuclide or Ve y:	oltage (kVp/N	∕leV): NR	RA-226 Ci	NR GBq
Device/Associated E LAS Device Number: Device Name: Manufacturer:	Equipment: 1 RADIOLUM NR	INESCEN	T DIAL			Mode Serial	Number: Number:	NR AGG	BREGAT	ſE	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN References:	) I LANDFILL/I	INCINERA	TOR/SCRÁ	P MET	AL						
Reference Numbe PA070016	r: Entry 11/06/2	Date: F 2007	Retraction	Date:	Coder Ini <sup>.</sup> DCH	tials:	Reference <sup>¬</sup> OTHER	Гуре:			

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#### 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 Sweatheart 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 D	ate: 1	0/29/2007	Discovery Date:	10/29/2007	Report Date: 10/29/2	007
Licensee/Reporting Party I	nformat	ion:				
Agreement State Regulate	d: YS		Reciprocity:	NONE		
License Number:	GEN	ERAL LICENS	Name:	SOLO CUP CO.		
NRC Docket Number:	NA		City:	NORTH ANDOVER		
NRC Program Code:	NA		State: MA	Zip Code: NF	ł	
Responsible NRC Region:	1					
Site of Event:						
Site Name: NORTH ANDO	OVER					
State: MA						
Additional Involved Party:						
License Number:	NA		Name:	NA		
			City:	NA		
			State: NA	Zip Code: NA	۱.	
Other Information:						
NRC Reportable Event:		Y	Abnormal O	ccurrence:	N	•
Agreement State Reportab	le Event	: Y	Investigation	ו: י	Y	
Atomic Energy Act Materia	l:	Y	NMED Reco	ord Complete:	N	
Consultant Hired:		N	Event Close	d by Region/State:	Ν	
Event Type:						· · · · · · · · · · · · · · · · · · ·
LAS - LOST/ABANDONED/S	TOLEN					,
Event Cause:						
LAS						
Cause: MANAGEMEN	T DEFIC	CIENCY				
Corrective Actions Informa	tion:					
Action Number: Correctiv	/e Actior	n:				
LAS						
1 NOT RE	PORTE	D	χ.			•
Source of Radiation:						
LAS						
Source Number: 1						
Source/Radioactive Materi	al: SEA	LED SOURCE ION	NIZING	Radionuclide or V	oltage (kVp/MeV): AM-24	1
Manufacturer:	NR			Activity:	0.02025 Ci	0.74925 GBq
Model Number:	NR					
Serial Number:	NR					
Source Number: 10						
Source/Radioactive Materia	al: SEA	LED SOURCE ION	NIZING	Radionuclide or V	oltage (kVp/MeV): AM-24	1
Manufacturer:	NR			Activity:	0.009 Ci	0.333 GBq
Model Number:	NR					
Serial Number:	NR					

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		
0			
Source Number: 12			
Source/Radioactive Material:	SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	0.40076 00.
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	NB		
Sona Hambor.			
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 (k\/n/Me\/): AM-241	
Manufacturer:	NP	Activity: 0.02025 Ci	0.74925 CBa
Manuacturer.		Activity. 0.02023 Ci	0.74925 GDQ
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		
Serial Number:	NR		
Serial Number: Source Number: 4			
Serial Number: <b>Source Number:</b> 4 Source/Radioactive Material:	NR SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241	0.74005 .00.
Serial Number: <b>Source Number:</b> Source/Radioactive Material: Manufacturer:	NR SEALED SOURCE IONIZING NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci	0.74925 GBq
Serial Number: Source Number: Source/Radioactive Material: Manufacturer: Model Number:	NR SEALED SOURCE IONIZING NR NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci	0.74925 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci	0.74925 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source Number: 5	NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci	0.74925 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source Number: 5 Source/Radioactive Material:	NR SEALED SOURCE IONIZING NR NR NR SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci Radionuclide or Voltage (kVp/MeV): AM-241	0.74925 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source Number: 5 Source/Radioactive Material: Manufacturer:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source Number: 5 Source/Radioactive Material: Manufacturer: Model Number:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV):AM-241Activity:0.02025 CiRadionuclide or Voltage (kVp/MeV):AM-241Activity:0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: Source Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Numbe	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Serial Number: Source Number: 6 Source/Radioactive Material:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.02025 Ci Radionuclide or Voltage (kVp/MeV): AM-241 Activity: 0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Serial Number: Source/Radioactive Material:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR	Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Source/Radioactive Material: Manufacturer: Manufacturer: Manufacturer:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR	Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: <b>Source/Radioactive Material:</b> Manufacturer: Model Number: 6 Source/Radioactive Material: Manufacturer: Model Number:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR	Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	NR SEALED SOURCE IONIZING NR NR NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR NR	Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Serial Number: Serial Number: Serial Number:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR NR	Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci         Radionuclide or Voltage (kVp/MeV):       AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial N	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING	Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Manufacturer: Manufacturer:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR SEALED SOURCE IONIZING NR NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq 0.333 GBq
Serial Number: 4 Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Serial Number: Serial Number: Serial Number: Source/Radioactive Material: Manufacturer: Model Number: Source/Radioactive Material: Manufacturer: Model Number: Source/Radioactive Material: Manufacturer: Model Number: Source/Radioactive Material: Manufacturer: Model Numbér:	NR SEALED SOURCE IONIZING NR NR SEALED SOURCE IONIZING NR NR NR SEALED SOURCE IONIZING NR NR NR NR NR NR	Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.02025 Ci         Radionuclide or Voltage (kVp/MeV): AM-241         Activity:       0.009 Ci	0.74925 GBq 0.333 GBq 0.333 GBq 0.333 GBq

	Source Number:	8		
	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	9		· .
	Source/Radioactive	Material: SEALED SOURCE IONIZING	Radionuclide or Voltage (	(k\/p/MeV): AM-241
	Manufacturer:	NR	Activity:	0.009 Ci 0.333 GBg
	Model Number:	NR		
	Serial Number:	NR		
_		-		
E I	AC	zquipment:		
L	No Dovice Number:	1		
	Device Name:		Model Number	A-2003
	Manufacturer:	NRD INC	Serial Number	SA-3251
	Manadalon		oonal Hambor	
	Device Number:	10	•	
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3273
	Device Number:	11		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3274
	Davice Number	10		
	Device Number:		Model Number:	A 2003
	Manufacturer:		Serial Number:	A-2000 SA-3278
	Manulacturer.			SR-5210
	Device Number:	13		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial/Number:	SA-3281
	Device Number:	14		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3282
	- /	•	•	· · · ·
	Device Number:		Madal Number	A 2003
			Nodel Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3201
	Device Number:	3		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3262
	Device Number:	4	·	
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3265
	- /	_		
	Device Number:			A 2000
	Device Name:		Nodel Number:	A-2003
	Manufacturer.	IND, INC.	Senar Number.	SA-3207
	Device Number:	6		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3268
	Device Number:	7		
	Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
	Manufacturer:	NRD, INC.	Serial Number:	SA-3269
	Device Number:			
	Device Name:		Model Number:	A-2003
	manutacturer: /	NKU, ING.	Serial Number:	SA-32/1

# Device Number: 9

Device Name:	STATIC ELIMINATOR	Model Number:	A-2003
Manufacturer:	NRD, INC.	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:	<b>Retraction Date:</b>	Coder Initials:	Reference Type:
EN43767	11/07/2007		DCH	EVENT NOTIFICATION REPORTED FROM AN
				AGREEMENT STATE
LTR080523	05/28/2008		DCH	AGREEMENT STATE LETTER

## 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.

E	vent Date:	11/05/2007	Discovery Date:	11/05/2007	Report Date:	11/05/2007	
Licensee/Reporting Agreement State Re License Number: NRC Docket Numbe NRC Program Code Responsible NRC R	Party Inform egulated: YS NC er: NA :: NA egion: 1	nation: DN-LICENSEE	Reciprocity: Name: City: State: NC	NONE WISE RECYCLING CLAYTON Zip Code: NR			
Site of Event: Site Name: CLAYT State: NC	ON						
Additional Involved License Number:	Party: NC	-046-1152-1	Name: City: State: NC	NUCOR STEEL COFIELD Zip Code: NR		,	
Other Information: NRC Reportable Eve Agreement State Re Atomic Energy Act M Consultant Hired:	ent: portable Eve Material:	N ent: N U N	Abnormal O Investigation NMED Reco Event Close	ccurrence: I : rd Complete: `` d by Region/State: `	N Y Y		
Event Type: LAS - LOST/ABANDO Event Cause: LAS Cause: NOT RE Corrective Actions In Action Number: C LAS	DNED/STOLI EPORTED nformation: orrective Act	EN tion:					
1 M	IATERIAL DI	ISPOSED OF AS W	/ASTE				
Source of Radiation: LAS Source Number: Source/Radioactive Manufacturer: Model Number: Serial Number:	1 Material: U N N N	NSEALED SOURC R A A	E OTHER	Radionuclide or V Activity:	oltage (kVp/MeV): N	NR R Ci	NR GBợ
Device/Associated E	quipment:		· .				
Device Number: Device Name: Manufacturer:	1 CONTAMIN NR	ATED METAL, SCP	RAP -	Model Number: Serial Number:	NA		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN References: Reference Number	LANDFILL/I	NCINERATOR/SCF Date: Retractio	RAP METAL n Date: Coder Init	ials: Reference	Type:		·

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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 TAMPA NRC Docket Number: NA City: State: FL NRC Program Code: NA Zip Code: 33605 Responsible NRC Region: 1 Site of Event: Site Name: SEBRING State: FL Additional Involved Party: NON-LICENSEE PRIVATE INDIVIDUAL License Number: Name: SEBRING City: State: FL Zip Code: 33870 Other Information: Abnormal Occurrence: NRC Reportable Event: Ν Ν Agreement State Reportable Event: Y Investigation: Υ Atomic Energy Act Material: Ν NMED Record Complete: Υ Consultant Hired: Ν 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 0.00000912 Ci Activity: 0.00033744 GBq Model Number: NA Serial Number: NA **Device/Associated Equipment:** 

LAS

Device Number:	1	د.	
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

## 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:	10/01/2	2007	Discov	ery Date:	10/01	/2007	Report Date:	: 10/02/2	2007
Licensee/Reporting Party	y Inforn	nation:		t						
Agreement State Regula	ted: YS			Re	eciprocity:	NONE				
License Number:	NC	N-LICE	NSEE	Na	ame:	TRADE	MARK MET	ALS		
NRC Docket Number:	NA	۱		Ci	ty:	ROCKL	EDGE			
NRC Program Code:	NA	•		St	ate: FL	Z	ip Code: 32	955		
Responsible NRC Regio	n: 1									
Site of Event:									•	
Site Name: ROCKLEDO	θE									
State: FL										
Additional Involved Party	/:									
License Number:	NA	<b>\</b>		Na	ame:	NA				
				Ci	ty:	NA				
				St	ate: NA	۰Z	ip Code: NA	<b>N</b>		
Other Information:										
NRC Reportable Event:		N		At	onormal O	ccurren	ce:	N		
Agreement State Report	able Eve	ent: Y		Inv	vestigation	n:		Y		
Atomic Energy Act Mater	rial <sup>.</sup>	Y		NI	MED Reco	 ard Com	nlete:	· Y		
Consultant Hired	iai.	N		E.	ent Close	ad by Re	nion/State: 1	v		
							gion/otate.			
Event Type:										
LAS - LOST/ABANDONE	D/STOL	EN								<b>x</b>
Event Cause:							,			
LAS										
Cause: NOT REPOR	RTED									
Corrective Actions Inform	nation:									
Action Number: Correct	ctive Ac	tion:								
LAS										
1 MATE	RIAL D	ISPOSE	D OF AS WA	STE						
Source of Radiation:										,
LAS										
Source Number:	1									
Source/Radioactive Mat	- erial S		SOURCE CA	I IB/MAR	KER	Radio	nuclide or V	oltage (k\/n/Me	N) CS-13	7
Manufacturer	N	R				Activi	tv:		0214 Ci	0 00007018 GBa
Manalacturer: Model Number:	N	D				ACUM	ιy.	0.0000	/02 14 01	0.0007918 GBq
Sorial Number:	Δ	CCPEC	ATE							
Sella Number.	Ŷ	GGREG	AIE							
Keywords:										
LAS										
MATERIAL FOUND										
RAD MATERIAL IN LAN	DFILL/I	NCINER	ATOR/SCRA	P META	L					
References:										1
Reference Number:	Entry	Date:	Retraction	Date:	Coder Ini	tials:	Reference	Туре:		
FL07-143	01/08/2	2008			DCH		AGREEME	NT STATE EV	ENT REPO	रा

## 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.

memmoury were detected	anoughout the lengt		has requested addition		
Event Da	ite: 12/04/2007	Discovery Date:	12/04/2007 I	Report Date: 12	/05/2007
Licensee/Reporting Party In Agreement State Regulated License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	formation: YS NON-LICENSEE NA NA 1	Reciprocity: Name: City: State: GA	NONE SOUTHERN METALS SAVANNAH Zip Code: NR	5	
Site of Event: Site Name: SAVANNAH State: GA					
Additional Involved Party: License Number:	NON-LICENSEE	Name: City: State: SC	ARCELORMITTAL GEORGETOWN Zip Code: NR		
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	U e Event: Y : U N	Abnormal C Investigatio NMED Rec Event Clos	Occurrence: N n: N ord Complete: R ed by Region/State: N		
Event Type: LAS - LOST/ABANDONED/S Event Cause: LAS Cause: NOT REPORTI Corrective Actions Informat Action Number: Correctiv LAS 1 NOT REI	TOLEN ED tion: re Action: PORTED				
Source of Radiation:					
Source Number: 1 Source/Radioactive Materia Manufacturer: Model Number: Serial Number:	al: UNSEALED SOU NR NA NA	JRCE OTHER	Radionuclide or Vo Activity:	ltage (kVp/MeV): N NR C	IR Ji NR GBq
Device/Associated Equipme LAS Device Number: 1 Device Name: CONT/ Manufacturer: NR	ent: AMINATED METAL,	SCRAP	Model Number: Seriàl Number:	. NA NA	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LANDF	FILL/INCINERATOR	/SCRAP METAL			
References: Reference Number: E GA-2007-301 0 <sup>-1</sup>	ntry Date: Retra	ction Date: Coder Ir	iitials: Reference T AGREEMEN	<b>'ype:</b> IT STATE EVENT R	EPORT
#### 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	e: 09/0	8/2007	Discovery Date:	09/08/2007	Report Date:	09/08/2007	
Licensee/Reporting Party Info Agreement State Regulated: License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	ormation YS NON-LIC NA NA 4	: ENSEE	Reciprocity: Name: City: State: CA	NONE AARON METALS OAKLAND Zip Code: 94	4603		
Site of Event: Site Name: OAKLAND State: CA							
Additional Involved Party: ` License Number:	NA		Name: City: State: NA	NA NA Zip Code: N	A		
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	, N Event: Y Y N		Abnormal O Investigation NMED Reco Event Close	ccurrence: n: ord Complete: d by Region/State:	N Y Y Y		
LAS - LOST/ABANDONED/ST Event Cause: LAS Cause: NOT REPORTED Corrective Actions Information Action Number: Corrective LAS 1 MATERIAL	OLEN D n: Action:	ED OF AS WAS	TE				
Source of Radiation: LAS						<u>^</u>	
Source Number: 1 Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	UNSEA NR NA NA	LED SOURCE O	THER	Radionuclide or N Activity:	√oltage (kVp/MeV) I	: U-DEP NR Ci	NR GBq
Source Number: 2 Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	UNSEA NR NA NA	LED SOURCE O	THER	Radionuclide or N Activity:	√oltage (kVp/MeV) I	: U-DEP NR Ci	NR GBq
Source Number: 3 Source/Radioactive Material: Manufacturer: Model Number: Serial Number:	UNSEA NR NA NA	LED SOÚRCE O	THER	Radionuclide or N Activity:	Voltage (kVp/MeV) · ∣	: U-DEP NR Ci	NR GBq

Source Number:	4										
Source/Radioactive	e Material:	UNSEALE	ED SOURCE	OTHER	ļ	Radior	nuclide or Voltage	(kVp/Me\	/): U-DEP		
Manufacturer:		NR				Activity	<i>[</i> :		NR Ci	NR	GBq
Model Number:		NA									
Serial Number:		NA									
Source Number:	5										
Source/Radioactive	e Material:	UNSEALE	ED SOURCE	OTHER	I	Radior	nuclide or Voltage	(kVp/Me\	/): U-DEP		
Manufacturer:		NR				Activit	<b>/</b> :		NR Ci	NR	GBq
Model Number:		NA									
Serial Number:		NA									
Device/Associated	Equipmen	nt:									
LAS				,							
Device Number:	1										
Device Name:	METAL,	DEPLETE	D URANIUM			Model	Number:	NA			
Manufacturer:	NR					Serial	Number:	NA			
Device Number:	2										
Device Name:	METAL,	DEPLETE	D URANIUM			Model	Number:	NA			
Manufacturer:	NR					Serial	Number:	NA		,	
Device Number:	3										
Device Name:	METAL,	DEPLETE	D URANIUM			Model	Number:	NA			
Manufacturer:	NR					Serial	Number:	NA			
Device Number:	4										
Device Name:	METAL,	DEPLETE	D URANIUM			Model	Number:	NA			
Manufacturer:	NR		,			Serial	Number:	NA			
Device Number:	5										
Device Name:	METAL,	DEPLETE	D URANIUM			Model	Number:	NA			
Manufacturer:	NR					Serial	Number:	NA			
Keywords:	,										
LAS											
MATERIAL FOUN	D				ι						
RAD MATERIAL II	N LANDFIL	LL/INCINEF	RATOR/SCR/	AP META	AL .						
References:		_		_							
Reference Numbe	er: Ent	ry Date:	Retraction	Date:	Coder Initia	ls:	Reference Type:				
CA-XCA1199	01/*	16/2008			DCH		AGREEMENT ST	ATE EVE	NT REPORT		
I TROBO326	03/3	31/2008			DCH		ACREEMENT ST	ATELET	TED		

#### 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.

Eve	ent Date:	10/17/2007	Discovery Date:	10/17/2007	Report Date:	10/17/2007	
Ever Licensee/Reporting Pa Agreement State Reg License Number: NRC Docket Number: NRC Program Code: Responsible NRC Reg Site of Event: Site Name: BERKELI	ent Date: arty Inform ulated: YS NC NA gion: 4 EY	10/17/2007 nation: NN-LICENSEE	Discovery Date: Reciprocity:   Name:   City:   State: CA	10/17/2007 NONE JRBAN ORE BERKELEY Zip Code: 947	Report Date: 710	10/17/2007	
State: CA							
Additional Involved Pa	arty:						
License Number:	NA		Name: City: State: NA	NA NA Zip Code: NA			
Other Information: NRC Reportable Even Agreement State Rep Atomic Energy Act Ma ,Consultant Hired:	nt: ortable Eve aterial:	N ent: Y Y N	Abnormal Oc Investigation NMED Recor Event Closed	currence: I d Complete:	N Y Y		
Event Type:							
LAS - LOST/ABANDON Event Cause: LAS Cause: NOT REF	IED/STOLI PORTED	EN					
Corrective Actions Inf Action Number: Cor LAS 1 MA	ormation: rective Act	lion:	WASTE	、			
0							1
Source of Radiation:							
Source Number:	1						
Source/Radioactive M	faterial: S	EALED SOURCE	CALIB/MARKER	Radionuclide or V	oltage (kVp/MeV):	CS-137	
Manufacturer: Model Number: Serial Number:	N N N	R . R		Activity:	0.0000	1 Ci 0.00037 (	ЗBq
Device/Associated Eq	uipment:						-
Device Number:1Device Name:CManufacturer:N	ONTAMIN	ATED METAL, S	CRAP	Model Number: Serial Number:	NA NA		·
Keywords: LAS MATERIAL FOUND ORPHAN SOURCE RAD MATERIAL IN L References:		NCINERATOR/S	CRAP METAL			· ·	
Reference Number:	Entry I	Jate: Retract	ion Date: Coder Init	als: Reference	lype:		

CA-XCA1200 LTR080326 01/16/2008 03/31/2008 DCH DCH AGREEMENT STATE EVENT REPORT AGREEMENT STATE LETTER

#### 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 I	Date: 11/26/2007	Discovery Date:	11/26/2007	Report Date: 11/26/2	007
Event I Licensee/Reporting Party Agreement State Regulate License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region Site of Event: Site Name: DECATUR State: AL Additional Involved Party: License Number:	Date: 11/26/2007 Information: ed: YS NON-LICENSEE NA NA : 1 NON-LICENSEE	Discovery Date: Reciprocity: Name: City: State: AL Name: City: State: AL	11/26/2007 NONE ANSAM METALS DECATUR Zip Code: NR CRONMET DECATUR Zip Code: NR	Report Date: 11/26/2	007
Other Information: NRC Reportable Event: Agreement State Reporta Atomic Energy Act Materi Consultant Hired:	N ble Event: Y al: Y N	Abnormal O Investigation NMED Reco Event Close	ccurrence: N :: Y rd Complete: Y d by Region/State: Y		
Event Type: LAS - LOST/ABANDONED, Event Cause: LAS Cause: NOT REPOR Corrective Actions Inform Action Number: Correct LAS 1 MATER Source of Radiation: LAS	/STOLEN TED Mation: NAL DISPOSED OF A	S WASTE			
Source Number: 1 Source/Radioactive Mate Manufacturer: Model Number: Serial Number:	rial: UNSEALED SOU NR NA NA	RCE NORM	Radionuclide or Vol Activity:	itage (kVp/MeV): U-NAT 0.0001811 Ci	0.0067007 GBq
Device/Associated Equipr LAS Device Number: 1 Device Name: CON Manufacturer: NR	nent: TAMINATED METAL, S	SCRAP	Model Number: Serial Number:	NA NA	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAND References:	DFILL/INCINERATOR/S	SCRAP METAL			
Reference Number: AL070055	Entry Date: Retrac 01/17/2008	tion Date: Coder Init	tials: Reference Ty AGREEMEN	<b>ype:</b> T STATE EVENT REPOR	Т

LTR080222 AL070055A 02/25/2008 04/23/2008

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# 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.

Even	t Date:	05/10/2007	Discov	very Date:	05/10/2	2007	Report Date:	05/10/200	7	
Licensee/Reporting Par Agreement State Regula License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regio	t <b>y Inform</b> ated: YS NC NA NA on: 1	nation:	R N C S	eciprocity: ame: ity: tate: FL	NONE TRADEN TAMPA Zip	IARK MET	ALS RECYCLING			
Site of Event: Síte Name: TAMPA State: FL										
Additional Involved Part License Number:	i <b>y:</b> NA		N C S	ame: ity: tate: NA	NA NA Zip	Code: NA				
Other Information: NRC Reportable Event: Agreement State Repor Atomic Energy Act Mate Consultant Hired:	table Eve erial:	N ent:Y N N	A In N E	bnormal Od westigation MED Reco vent Close	ccurrence i: rd Comp d by Reg	e: f lete: `` ion/State: `	N Y		•	
Event Type: LAS - LOST/ABANDONE Event Cause: LAS Cause: NOT REPC	D/STOLI	ΞN						,		
Corrective Actions Infor Action Number: Corre LAS 1 MATI	mation: ective Act	ion: SPOSED OF A	AS WASTE					· .		
Source of Radiation: LAS Source Number: Source/Radioactive Ma Manufacturer: Model Number: Serial Number:	1 terial: U Ni Ni A	NSEALED SOU R A GGREGATE	JRCE LUMINO	US	Radior Activity	uclide or V	oltage (kVp/MeV): 0.000015	RA-226 59 Ci 0	0.0005883	<b>GBq</b>
Device/Associated Equi LAS Device Number: 1 Device Name: RA Manufacturer: NR	pment: DIOLUM	INESCENT DIA	AL		Model Serial I	Number: Number:	NR AGGREG	ATE		
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAI	NDFILL/II	NCINERATOR	SCRAP META	۰L	)			·		
References: Reference Number: FL07-077	<b>Entry [</b> 04/07/2	<b>Date: Retra</b> 2008	ction Date:	Coder Init	ials: I	Reference - AGREEMEN	Γγρε: ΝΤ STATE EVEN1	T REPORT		x

### 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	t Date: 11/21/2007	Discovery Date:	1/21/2007 Re	eport Date: 11/28	/2007
Licensee/Reporting Party	y Information:	-		-	
Agreement State Regular License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regior	ated: YS NON-LICENSEE NA NA n: 1	Reciprocity: NC Name: CC Çity: OC State: FL	DNE DMMERCIAL METAL CALA Zip Code: 34475	S	
Site of Event: Site Name: OCALA State: FL					
Additional Involved Party License Number:	y: NA	Name: NA City: NA State: NA	A Zip Code: NA		
Other Information: NRC Reportable Event: Agreement State Reporta Atomic Energy Act Mater Consultant Hired:	N able Event: Y rial: N N	Abnormal Occu Investigation: NMED Record Event Closed b	rrrence: N Y Complete: Y y Region/State: Y		
Event Type: LAS - LOST/ABANDONED Event Cause: LAS Cause: NOT REPOR Corrective Actions Inform Action Number: Correct LAS	D/STOLEN RTED mation: ctive Action:	STF			
		512			
LAS Source Number: Source/Radioactive Mate Manufacturer: Model Number: Serial Number:	1 erial: UNSEALED SOURCE I NR NA NA	LUMINOUS F	Radionuclide or Volta Activity:	ge (kVp/MeV): RA-2 0.00000703 Ci	226 0.00026011 GBq
Device/Associated Equip LAS	oment:				
Device Number: 1 Device Name: RAD Manufacturer: NR	DIOLUMINESCENT DIAL	N	Model Number: Serial Number:	NR NR	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LAN	DFILL/INCINERATOR/SCRA	P METAL			
References:					
<b>Reference Number:</b> FL07-179	Entry Date:Retraction04/07/2008	Date: Coder Initial DCH	s: Reference Typ AGREEMENT	e: STATE EVENT REP(	ORT

# 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.

Even	t Date:	11/28/2	2007 . 007	)iscovery [	Date:	11/28/200	)7 <b>Rep</b>	ort Date:	12/12/2	007	
Licensee/Reporting Par	ty Inform	nation:							,		
Agreement State Regul	ated: YS	5		Recipro	city: N	ONE					
License Number:	NC	DN-LICEN	ISEE	Name:	TI	RADEMAF	RK METALS				
NRC Docket Number:	NA	۸		City:	R	OCKLEDO	GE				
NRC Program Code:	NA	4		State:	FL	Zip Co	ode: 32955				
Responsible NRC Regio	on: 1										
Site of Event:											
Site Name: ROCKLED	GE										
State: FL											
Additional Involved Par	<b>6</b>										
Liconse Number:	ι <b>y.</b> ΝΙΔ	<b>`</b>		Nama:	N	Δ					
LICENSE NUMBER.	187	`		Cityr	N	Δ					
				State	ΝΔ	7 Zin Cr	ode: NA				
				otato.			oue. NA				
Other Information:				<b>A</b> Ia							
NRC Reportable Event:		N		Abnorn	nal Occ	urrence:	N				
Agreement State Repor	table Ev	ent: Y		Investig	jation:		Ŷ				
Atomic Energy Act Mate	erial:	N		NMED	Record	Complete	∋: Y				
Consultant Hired:		N		Event	losed	by Region	/State: Y				
Event Type:											
LAS - LOST/ABANDONE	D/STOL	EN									
Event Cause:											
LAS											
Cause: NOT REPO	DRTED									,	
Corrective Actions Info	rmation:										
Action Number: Corre	ective Ac	tion:									
LAS									•	×	
1 MAT	ERIAL D	ISPOSEI	D OF AS WAST	E							
Source of Radiation:											
LAS				•							
Source Number:	1										
Source/Radioactive Ma	terial: S	EALED S	SOURCE IONIZ	ING		Radionuc	lide or Voltage	e (kVp/MeV)	: RA-22	6	
Manufacturer:	N	IR				Activity:		0.000000	83 Ci	0.00003071	GBq
Model Number:	N	IR									
Serial Number:	N	IR									
Device/Associated Equi	inment <sup>.</sup>										
LAS	pinein.			•							
Device Number: 1											
Device Name: DE	TECTO	R SMOK	F			Model Nu	mber:	NR			
Manufacturer: NR	2	,				Serial Nu	mber	NR			
	•										
Keywords:					,						
LAS											
MATERIAL FOUND											
RAD MATERIAL IN LA	NDFILL/	INCINER	ATOR/SCRAP	METAL							
References:	<b>.</b> .		<b>.</b>				_				
Reference Number:	Entry	Date:	Retraction Da	ate: Code	er Initia	us: Ref	erence Type:			<u>эт</u>	
FLU/-182	04/07/	2008		DCH	l	AG	KEEMENT S	IAIEEVEN	I REPOR	<b>K</b> T	

#### 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.

220. Tag humber 14-000 wa	is issued and a riorida De	parament of freatar	inspector impound	led the item for dispos	ai.
Event Da	te: 12/03/2007	Discovery Date:	12/03/2007	Report Date: 1	2/12/2007
Licensee/Reporting Party In: Agreement State Regulated: License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region:	formation: YS NON-LICENSEE NA NA 1	Reciprocity: Name: City: State: FL	NONE COMMERCIAL ME JACKSONVILLE Zip Code: 32	TALS 2236	
Site of Event: Site Name: JACKSONVILLI State: FL	E				
Additional Involved Party: License Number:	NA	Name: City: State: NA	NA NA Zip Code: N	A ····	
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	Y Event: Y Y N	Abnormal Oc Investigation NMED Reco Event Closed	ccurrence: : rd Complete: d by Region/State:	N Y Y Y	
LAS - LOST/ABANDONED/ST Event Cause: LAS Cause: NOT REPORTE Corrective Actions Informati Action Number: Corrective LAS	OLEN D on: Action:				
1 MATERIA	L DISPOSED OF AS WAS	STE			
Source of Radiation: LAS Source Number: 1 Source/Radioactive Material Manufacturer: Model Number: Serial Number:	: UNSEALED SOURCE I NR NA NA	LUMINOUS	Radionuclide or V Activity:	√oltage (kVp/MeV): 0.0000025	RA-226 Ci 0.0000925 GBq
Device/Associated Equipme LAS Device Number: 1					
Manufacturer: NR	UMINESCENT DIAL		Model Number: Serial Number:	NA NA	
Reporting Requirements: LAS Reporting Requirement: 20 qu	).2201(a)(1)(ii) - Lost, stole antities.	en, or missing licen	sed material in a q	uantity greater than 10	0 times the Appendix C
Keywords: LAS MATERIAL FOUND					

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

#### References:

Reference Number:	Entry Date:	<b>Retraction Date:</b>	Coder Initials:	Reference Type:
FL07-189	04/07/2008		DCH	AGREEMENT STATE EVENT REPORT

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#### 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 Dat	e: 12/10	/2007 🛛	iscovery Date:	12/10/2	007 <b>F</b>	Report Date:	12/12/2007	,
Licensee/Reporting Party Inf Agreement State Regulated: License Number: NRC Docket Number: NRC Program Code: Responsible NRC Region: Site of Event:	formation: YS NON-LICE NA NA 1	INSEE	Reciprocity: Name: City: State: FL	NONE E&H CAR ORLAND Zip	CRUSHING O Code: 3283	3 CO. 13		
Site Name: ORLANDO State: FL								
Additional Involved Party:		·						
License Number:	NON-LICE	INSEE	Name: City: State: AL	NR ANNISTC Zip	)N Code: NR			
Other Information: NRC Reportable Event: Agreement State Reportable Atomic Energy Act Material: Consultant Hired:	N Event: 'Y Y N		Abnormal O Investigation NMED Reco Event Close	occurrence n: ord Comple ed by Regio	: N Y ete: Y on/State: Y			
Event Type:								
Event Cause: LAS Cause: NOT REPORTE	D on:		<b>,</b>					
Action Number: Corrective LAS 1 MATERIA	Action:	ED OF AS WAST	Ē					
Source of Radiation: LAS								
Source Number: 1 Source/Radioactive Material Manufacturer: Model Number: Serial Number:	UNSEAL NR NA AGGREC	ED SOURCE OT GATE	HER	Radion Activity:	uclide or Vol	tage (kVp/MeV): 0.01261	U-DEP 5 Ci	0.466755 GBq
Device/Associated Equipment LAS Device Number: 1 Device Name: METAL, Manufacturer: NR	nt: DEPLETE	D URANIUM		Model N Serial N	Number: lumber:	NA AGGREG	ATE	
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LANDFI	LL/INCINE	RATOR/SCRAP I	METAL				·	
References: Reference Number: En FL07-192 04/	try Date: 07/2008	Retraction Da	ite: Coder Ini DCH	tials: R ∆	GREEMENT	/pe: I STATE EVENT	REPORT	

#### 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.

Even	t Date: 12	/12/2007	Discovery Date:	12/12/2007	Report Date:	12/13/2007
Even Licensee/Reporting Par Agreement State Regul License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regin Site of Event: Site Name: MIAMI State: FL Additional Involved Par License Number:	tt Date: 12 ty Informatic ated: YS NON-L NA NA on: 1 ty: NON-L	/12/2007 on: ICENSEE	Discovery Date: Reciprocity: Name: City: State: FL	12/12/2007 NONE AERO AIRCRAFT S MIAMI Zip Code: NF	Report Date:	12/13/2007
Other Information: NRC Reportable Event: Agreement State Repor Atomic Energy Act Mate Consultant Hired:	table Event: erial:	N Y Y N	City: State: AL Abnormal O Investigation NMED Reco Event Close	ANNISTON Zip Code: NF ccurrence: n: ord Complete: d by Region/State:	R N Y Y Y	
Event Type: LAS - LOST/ABANDONE Event Cause: LAS Cause: NOT REPO Corrective Actions Infor Action Number: CorrectAS	D/STOLEN PRTED mation: ective Action:					
1 MAT Source of Radiation: LAS Source Number:	ERIAL DISPO	DSED OF AS WAS	STE			
Source/Radioactive Ma Manufacturer: Model Number: Serial Number:	terial: UNSE NR NA AGGF	EALED SOURCE (	DTHER	Radionuclide or V Activity:	/oltage (kVp/MeV): 0.004535	U-DEP Ci 0.167795 GBq
Device/Associated Equil   LAS   Device Number: 1   Device Name: ME   Manufacturer: NR	pment: TAL, DEPLE	TED URANIUM		Model Number: Serial Number:	NA AGGREGA	TE
Keywords: LAS MATERIAL FOUND RAD MATERIAL IN LA	NDFILL/INCI	NERATOR/SCRAI	P METAL		• • •	
References: Reference Number: FL07-195	Entry Date 04/07/2008	Retraction	Date: Coder Ini DCH	tials: Reference AGREEME	Type: NT STATE EVENT I	REPORT

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#### 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.

Even	t Date:	03/22/2007	Discovery Date:	03/22/2007	Report Date:	03/22/2007	
Licensee/Reporting Part	t <mark>y Inform</mark>	ation:	Reciprocity	NONE	· .		
License Number: NRC Docket Number: NRC Program Code: Responsible NRC Regio	NR NA NA NA		Name: City: State: OH	STANDARD REGI DAYTON Zip Code: N	STER OF OHIO R		
Site of Event: Site Name: DAYTON State: OH				· ·			
Additional Involved Parl	iy:						
License Number:	NO	N-LICENSEE	Name: City:	SHAPIRO RECYC DICKSON	LING		
			State: TN	Zip Code: 37	7056		
Other Information: NRC Reportable Event: Agreement State Repor Atomic Energy Act Mate Consultant Hired:	table Eve erial:	Y ent: Y Y N	Abnormal O Investigation NMED Reco Event Close	ccurrence: n: ord Complete: d by Region/State:	N N R N		
Event Cause: LAS Cause: NOT REPO Corrective Actions Infor Action Number: Corre LAS 1 NOT	RTED mation: ective Acti	ion: "ED					
Source of Radiation:							
Source Number: Source/Radioactive Ma Manufacturer: Model Number: Serial Number:	1 terial: SE NF NF	EALED SOURCE ION R R R	lizing	Radionuclide or N Activity:	√oltage (kVp/MeV) 0.00	: AM-241 175 Ci	0.2775 GBq
Device/Associated Equi	pment:						
Device Number: 1 Device Name: ST/ Manufacturer: NR	ATIC ELII D, INC.	MINATOR		Model Number: Serial Number:	NR SA2167		
Reporting Requirements LAS Reporting Requirement	s: 20.220 Appen	01(a)(1)(i) - Lost, stole idix C quantities.	en, or missing licen	sed material in a qu	uantity greater thar	) or equal to 1,0	000 times the

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

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