



Westinghouse Electric Company  
Operating Plants Business  
P.O. Box 158  
Madison, Pennsylvania 15663  
USA

USNRC, Region I  
Division of Nuclear Materials Safety  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

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Direct fax: 724-722-5300  
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Our ref: EHS-LTR-WDV-2017-002

January 5, 2017

Attention: Division of Nuclear Materials Safety

Subject: Report of Investigation Pursuant to 10 CFR Part 20 Appendix G  
Agreement State License: PA-1053S

Westinghouse Electric Company LLC (Westinghouse) is submitting this report in accordance with Title 10, Code of Federal Regulation, Part 20, Appendix G, Section III.A(9), which states:

For any shipments or any part of a shipment for which acknowledgement of receipt has not been received within the times set forth in this appendix, conduct an investigation in accordance with paragraph E of this appendix.

Paragraph E, of this Section, states:

Any shipment or part of shipment for which acknowledgement is not received within the times set forth in this section must:

1. Be investigated by the shipper if the shipper has not received notification or receipt within 20 days after transfer; and
2. Be traced and reported. The investigation shall include tracing the shipment and filing a report with the nearest Commission Regional Office listed in Appendix D to this part. Each licensee who conducts a trace investigation shall file a written report with the appropriate NRC Regional Office within 2 weeks of completion of the investigation.

### **Incident Summary**

Westinghouse Waltz Mill Site (WMS) in Madison, PA, shipped five (5) intermodal containers of Low Level Radioactive Waste (LLRW) to consignee, Waste Control Specialists LLC (WCS). WCS is the operator of an LLRW disposal facility in Andrews, TX, see Attachment 1. All five had the proper shipping name of UN2912, Radioactive Material, low specific activity (LSA-I) and each had a Transport Index of 0.1.

Four (4) of the intermodal containers departed WMS on 11/21/2016 and one (1) departed WMS on 11/22/2016. All intermodal containers departed WMS by truck and were consolidated onto railcar GIMX 516228 in Wampum, PA, by a contracted agent, ICE Services Group, Inc. (ICE). ICE is responsible for providing and submitting all shipment documentation to the railroad, performing daily verification of the location of the railcar holding the intermodal containers and notifying WMS of the location of the railcar.

WMS did not receive a receipt acknowledgement from WCS by 12/11/2016 and 12/12/2016, Twenty (20) days after the date of shipment, respectively. However, due to a segment of the shipment going by rail, it was expected to take longer than 20 days to reach WCS. By regulation, an investigation was started.

### **Investigation Summary**

The investigation showed the location of the railcar with the five (5) intermodal containers, was tracked by ICE daily, from the time of departure until it was placed at the WCS facility rail spur. The investigation also showed the car was delayed for six (6) days in Fort Worth, TX, and three (3) days in Monahans, TX. At no time were the intermodal containers unaccounted for during the transit from WMS in Madison, PA, to WCS in Andrews, TX, and there were no apparent attempts of diversion.

ICE provided a consolidated listing showing the location of the railcar on a daily basis from the time it departed Wampum, PA, until the time it was placed on the rail spur for WCS in Andrews, TX, on 12/16/2016, see Attachment 2. WCS provided signed manifests, indicating receipt of shipment, for each intermodal container to WMS on 12/20/2016, see Attachment 1.

Total transit time between when the intermodal containers were released from WMS to receiving receipt verification from WCS was twenty-nine (29) and thirty (30) days, respectively. Industry experience shows these transit times are not inordinate and/or uncommon during rail transportation.

In closing, WMS was fully aware of the shipment progress, as ICE tracked it, with the locations of the shipment verified daily, until delivery to the WCS rail spur.

Respectfully,



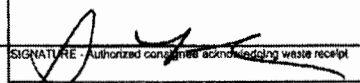
Wayne D. Vogel, Manager  
Environment, Health and Safety  
Radiation Safety Officer

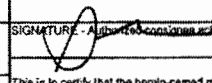

### **Attachments (2)**

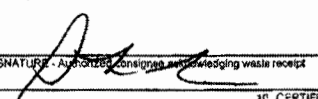
cc: S. M. Ira/Westinghouse  
J. W. Smetanka/Westinghouse  
K. C. Miller/Westinghouse  
A. H. Bridges/Westinghouse  
J. N. Rizzi/Westinghouse  
R. Kuyler/Westinghouse  
A. J. Veltri/Westinghouse  
J. Chippo (PADEP)

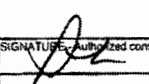
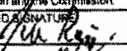
# Attachment1

## Signed Waste Manifests

<b>FORM 540</b> (01-2014)		<b>Waste Control Specialists</b>		<b>SHIPPER - NAME AND FACILITY</b> Westinghouse Electric Co. LLC Weitz Mill Service Center 680 Weitz Mill Road Medsart, Pennsylvania 15663		<b>SHIPMENT I.D. NUMBER</b> O-291-18		<b>7. FORM 540 AND 540A</b> FORM 541 AND 541A FORM 542 AND 542A ADDITIONAL INFORMATION		<b>8. MANIFEST NUMBER</b> (Use this number on all continuation pages) LLW 16-07	
<b>UNIFORM LOW-LEVEL RADIOACTIVE</b> <b>WASTE MANIFEST</b> <b>SHIPPING PAPER</b>		<b>TEXAS PERMIT NUMBER</b> N/A		<b>SHIPMENT NUMBER</b> O-291-16		<input checked="" type="checkbox"/> <b>GENERATOR TYPE</b> (Specify) NP		PAGE 1 OF 1 PAGE(S) 2 PAGE(S) NONE PAGE(S) 5 PAGE(S)		<b>9. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 9998 W State Hwy 176 Andrews, Texas 76714	
<b>1. EMERGENCY TELEPHONE NUMBER (Include Area Code)</b> (800-424-6300)		<b>CONTACT</b> Wayne Vogel		<b>TELEPHONE NUMBER</b> (Include Area Code) 724-722-5624		<b>9. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 9998 W State Hwy 176 Andrews, Texas 76714		<b>CONTACT</b> Tom Hannah		<b>TELEPHONE NUMBER</b> (include Area Code) 432-525-8500	
<b>ORGANIZATION</b> (Chemical Customer ID CCN 24638)		<b>3. CARRIER - Name and Address</b> Landstar Rongar 13410 Sultan Park Drive S. Jacksonville, Florida 32224		<b>EPA ID, NUMBER</b> N/A		<b>SHIPPING DATE</b> 11/21/2016		<b>SIGNATURE</b> - Authorized consignee acknowledging waste receipt 		<b>DATE</b> 12/20/16	
<b>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> 1		<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>EPA MANIFEST NUMBER</b> N/A		<b>10. CERTIFICATION</b> This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.		<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number and any additional information)</b> UN2812, Radioactive material, low specific activity (LSA-I), 7 Flammable Excepted 1 Metal Box - IP-1: Soil, concrete, asphalt (Waste Profile: WP-5429)	
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number and any additional information)</b> UN2812, Radioactive material, low specific activity (LSA-I), 7 Flammable Excepted 1 Metal Box - IP-1: Soil, concrete, asphalt (Waste Profile: WP-5429)		<b>12. DOT LABEL "RADIOACTIVE"</b> YELLOW II		<b>13. TRANSPORT INDEX</b> 0.1		<b>14. PHYSICAL AND CHEMICAL FORM</b> Solid/Oxides		<b>15. INDIVIDUAL RADIONUCLIDES</b> Am-241 Cm-243 Cm-244 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Sr-90 (C-14-LLD) (H-3-LLD) (Tc-99-LLD)		<b>16. TOTAL PACKAGE ACTIVITY IN SI UNITS</b> 5.41E+01 MBq (1.46E+00 mCi)	
<b>17. LSA/SCO CLASS</b> LSA-I		<b>18. TOTAL WEIGHT OR VOLUME (Use appropriate units)</b> 17,500.0 Kg 38,581.0 Lbs		<b>19. IDENTIFICATION NUMBER OF PACKAGE</b> 15EU000031		<b>20. FOR CONSIGNEE USE ONLY</b> <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations detected on this Shipment					

<b>FORM 540</b> (01-2014)		<b>Waste Control Specialists</b>		<b>SHIPPER - NAME AND FACILITY</b> Westinghouse Electric Co. LLC Watts Mill Service Center 660 Watts Mill Road Madison, Pennsylvania 15863		<b>SHIPMENT I.D. NUMBER</b> O-293-16		<b>7. FORM 540 AND 540A</b> PAGE 1 OF 1 PAGE(S) <b>FORM 541 AND 541A</b> PAGE(S) <b>FORM 542 AND 542A</b> PAGE(S) <b>ADDITIONAL INFORMATION</b> PAGE(S)		<b>8. MANIFEST NUMBER</b> (Use this number on all continuation pages) LLW 16-09	
<b>UNIFORM LOW-LEVEL RADIOACTIVE</b>  <b>WASTE MANIFEST</b>  <b>SHIPPING PAPER</b>				<b>TEXAS PERMIT NUMBER</b> N/A		<b>SHIPMENT NUMBER</b> O-293-16		<input checked="" type="checkbox"/> <b>GENERATOR TYPE</b> (Specify) NP		<b>9. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 9698 W. State Hwy 178 Andrews, Texas 79714	
<b>1. EMERGENCY TELEPHONE NUMBER (include Area Code)</b> (800) 424-8300		<b>CONTACT</b> Wlyna Vogel		<b>TELEPHONE NUMBER</b> (Include Area Code) 724-722-9924		<b>DATE</b> 11/21/2016		<b>SIGNATURE - Authorized customer acknowledging waste receipt</b> 		<b>DATE</b> 12/20/16	
<b>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> 1		<b>8. CARRIER - Name and Address</b> Landstar Renger 13410 Sutton Park Drive S. Jacksonville, Florida 32224		<b>EPA I.D. NUMBER</b> N/A		<b>10. CERTIFICATION</b> This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.		<b>DATE</b> 11/21/2016	
<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> If "Yes," provide Manifest Number		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<b>EPA MANIFEST NUMBER</b> N/A		<b>CONTACT</b> Dispatcher SIGNATURE - Authorized carrier acknowledging waste receipt 		<b>TELEPHONE NUMBER</b> (Include Area Code) (800) 872-9400		<b>DATE</b> 11/21/2016	
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION</b> (including proper shipping name, hazard class, UN ID number and any additional information)		<b>12. DOT LABEL "RADIOACTIVE"</b>		<b>13. TRANSPORT INDEX</b>		<b>14. PHYSICAL AND CHEMICAL FORM</b>		<b>15. INDIVIDUAL RADIONUCLIDES</b>		<b>16. TOTAL PACKAGE ACTIVITY IN SI UNITS</b>	
UN2912, Radioactive material, low specific activity (LSA-I), 7 Flasks Excepted 1 Metal Box, (P-1: Soil concrete, asphalt (Waste Profile: WP-8429))		YELLOW II		0.1		Solid Oxides		Am-241 Cm-243 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Sr-90 (C-14-LLD) (H-3-LLD) (Tc-99-LLD)		5.28E+01 MBq (1.43E+00 mCi)	
<b>17. LBA/SCO CLASS</b>		<b>18. TOTAL WEIGHT OR VOLUME</b> (Use appropriate units)		<b>19. IDENTIFICATION NUMBER OF PACKAGE</b>							
LSA-I		17,500.0 Kg 38,981.0 lbs		MHF001984							
<b>FOR CONSIGNEE USE ONLY</b>				<b>20.</b> <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations Detected on this Shipment							

<b>FORM 540</b> (01-2014)		<b>Waste Control Specialists</b>		<b>SHIPPER - NAME AND FACILITY</b> Westinghouse Electric Co. LLC Waltz Mill Service Center 680 Waltz Mill Road Madison, Pennsylvania 16663		<b>SHIPMENT I.D. NUMBER</b> O-294-16		<b>7.</b> FORM 540 AND 540A PAGE 1 OF 1 PAGE(S) FORM 541 AND 541A 2 PAGE(S) FORM 542 AND 542A NONE PAGE(S) ADDITIONAL INFORMATION 5 PAGE(S)		<b>8. MANIFEST NUMBER</b> (Use this number on all continuation pages) LLW 15-10	
<b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER</b>				<b>TEXAS PERMIT NUMBER</b> N/A		<b>SHIPMENT NUMBER</b> O-294-16		<input checked="" type="checkbox"/> <b>GENERATOR TYPE</b> (Specify) NP		<b>9. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 9988 W. State Hwy 178 Andrews, Texas 79714	
<b>1. EMERGENCY TELEPHONE NUMBER (Include Area Code)</b> (800-224-9390)				<b>CONTACT</b> Wayne Vogel		<b>TELEPHONE NUMBER</b> (Include Area Code) 724-722-5624		<b>DATE</b> 11/21/2016		<b>CONTACT</b> Tom Hannah <b>TELEPHONE NUMBER</b> (Include Area Code) 432-525-8600	
<b>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> ***** 1		<b>6. CARRIER - Name and Address</b> Landstar Ranger 13410 Sutton Park Drive S. Jacksonville, Florida 32224		<b>EPA I.D. NUMBER</b> N/A		<b>SIGNATURE - Authorized Consignee acknowledging waste receipt</b> 	
<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				<b>EPA MANIFEST NUMBER</b> N/A		<b>CONTACT</b> Dispatcher		<b>TELEPHONE NUMBER</b> (Include Area Code) (803) 872-9400		<b>10. CERTIFICATION</b> This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.	
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION</b> (Including proper shipping name, hazard class, UN ID number and any additional information)				<b>12. DOT LABEL "RADIOACTIVE"</b> YELLOW III		<b>13. TRANSPORT INDEX</b> 0.1		<b>14. PHYSICAL AND CHEMICAL FORM</b> Solid Oxides		<b>15. INDIVIDUAL RADIONUCLIDES</b>	
UNG2912, Radioactive material, low specific activity (LSA-I), 7 Flammable Excepted Metal Box, IP-1: Soil, concrete, asphalt (Waste Profile: WP-8429)								Am-241 Cm-243 Cm-244 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Sr-90 (C-14-LLC) (H-3-LLD) (I-129-LLD) (Tc-99-LLC)		<b>16. TOTAL PACKAGE ACTIVITY IN SI UNITS</b> 5.26E+01 MBq (1.42E+00 mCi)	
								<b>17. LSA/SCO CLASS</b> LSA-I		<b>18. TOTAL WEIGHT OR VOLUME</b> (Use appropriate units) 17,300.0 Kg 38,140.0 Lbs	
										<b>19. IDENTIFICATION NUMBER OF PACKAGE</b> MHF001600	
<b>FOR CONSIGNEE USE ONLY</b>				<b>20.</b> <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations detected on this Shipment							

<b>FORM 540</b> (01-2014)		<b>Waste Control Specialists</b>		<b>3. SHIPPER - NAME AND FACILITY</b> Westinghouse Electric Co. LLC Wertz Mill Service Center 880 Wertz Mill Road Madison, Pennsylvania 15063		<b>SHIPMENT I.D. NUMBER</b> O-295-16		FORM 540 AND 540A FORM 541 AND 541A FORM 542 AND 542A ADDITIONAL INFORMATION		PAGE 1 OF 1 PAGE(S) 2 PAGE(S) NONE PAGE(S) 5 PAGE(S)		(Use this number on all continuation pages) LLW 16-11							
<b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER</b>				<b>TEXAS PERMIT NUMBER</b> N/A		<b>SHIPMENT NUMBER</b> O-295-16		<b>GENERATOR TYPE</b> (Specify) NP		<b>9. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 8998 W. State Hwy 176 Andrews, Texas 79714		<b>CONTACT</b> Tom Hannah							
<b>1. EMERGENCY TELEPHONE NUMBER (include Area Code)</b> (800) 424-1308				<b>CONTACT</b> Wayne Vogel		<b>TELEPHONE NUMBER</b> (include Area Code) 724-722-5624		<b>EPA I.D. NUMBER</b> N/A		<b>TELEPHONE NUMBER</b> (include Area Code) 432-525-8500		<b>DATE</b> 12/20/16							
<b>2. IS THIS AN 'EXCLUSIVE USE' SHIPMENT?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> 1		<b>4. CARRIER - Name and Address</b> Landstar Ranger 13410 Sullivan Park Drive S. Jacksonville, Florida 32224		<b>SHIPPING DATE</b> 11/21/2016		<b>SIGNATURE</b> - Authorized consignee acknowledging waste receipt 		<b>10. CERTIFICATION</b> This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.							
<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				<b>EPA MANIFEST NUMBER</b> N/A		<b>CONTACT</b> Dispatcher		<b>TELEPHONE NUMBER</b> (include Area Code) (800) 872-9400		<b>AUTHORIZED SIGNATURE</b> Joe Ritzel / 		<b>TITLE</b> Principal Radiological Engineer							
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION</b> (including proper shipping name, hazard class, UN ID number and any additional information) UN2912, Radioactive material, low specific activity (LSA-I), 7 Fissile Excepted 1 Metal Box, IP-1: Soil, concrete, asphalt (Waste Profile: WP-8426)				<b>12. DOT LABEL "RADIOACTIVE"</b> YELLOW I		<b>13. TRANSPORT INDEX</b> 0.1		<b>14. PHYSICAL AND CHEMICAL FORM</b> Solid Oxides		<b>15. TOTAL PACKAGE ACTIVITY IN SI UNITS</b> 4.36E+01 MBq (1.18E+00 mCi)		<b>16. INDIVIDUAL RADIONUCLIDES</b> Am-241 Cm-243 Cm-244 Cs-137 Pu-238 Pu-239 Pu-240 Pu-241 Sr-90 (C-14-LLD) (H-3-LLD) (I-129-LLD) (Tc-99-LLD)		<b>17. LB/SCD CLASS</b> LSA-I		<b>18. TOTAL WEIGHT OR VOLUME</b> (Use appropriate units) 14,898.8 Kg 33,059.0 Lbs		<b>19. IDENTIFICATION NUMBER OF PACKAGE</b> MHFU001882	
<b>FOR CONSIGNEE USE ONLY</b>						<b>20.</b> <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations detected on this Shipment													

<b>FORM 540</b> (01-2014)		<b>Waste Control Specialists</b>		<b>SHIPPER - NAME AND FACILITY</b> Westinghouse Electric Co. LLC Waltz Mill Service Center 890 Waltz Mill Road Madison, Pennsylvania 15663		<b>SHIPMENT I.D. NUMBER</b> O-296-16		<b>7. MANIFEST NUMBER</b> (Use this number on all continuation pages) LLW 16-12	
<b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER</b>				<b>TEXAS PERMIT NUMBER</b> N/A		<b>SHIPMENT NUMBER</b> O-296-16		<b>8. CONSIGNEE - Name and Facility Address</b> Waste Control Specialists, LLC TSD Facility 8988 W. State Hwy 176 Andrews, Texas 79714	
<b>1. EMERGENCY TELEPHONE NUMBER (Include Area Code)</b> (800-424-9300)		<b>CONTACT</b> Wayne Vogel		<b>TELEPHONE NUMBER (Include Area Code)</b> 724-722-5924		<b>CONTACT</b> Tom Harneth		<b>TELEPHONE NUMBER (Include Area Code)</b> 432-623-8600	
<b>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> 1		<b>4. CARRIER - Name and Address</b> Lendster Ranger 13410 Sulton Park Drive S. Jacksonville, Florida 32224		<b>EPA I.D. NUMBER</b> N/A		<b>SHIPPING DATE</b> <del>11/22/2016</del> 11/22/2016	
<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>EPA MANIFEST NUMBER</b> N/A		<b>CONTACT</b> Dispatcher SIGNATURE: <i>Duke Mauer</i> DATE: <del>11/22/2016</del> 11/22/2016		<b>10. CERTIFICATION</b> This is to certify that the herein-named materials are acceptable for disposal, are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation and the Commission.		<b>SIGNATURE</b> <i>Joe Rizzi</i> <b>DATE</b> 11/21/2016	
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number and any additional information)</b>				<b>12. DOT LABEL "RADIOACTIVE"</b> YELLOW II		<b>13. TRANSPORT INDEX</b> 0.1		<b>14. PHYSICAL AND CHEMICAL FORM</b> Solid/Oxides	
UN2012, Radioactive material, low specific activity (SA-I), 7 Fissile Excepted (Metal Box - IP-1: Soil, concrete, asphalt (Waste Profile: WP-8429))				<b>15. INDIVIDUAL RADIONUCLIDES</b>		<b>16. TOTAL PACKAGE ACTIVITY IN SI UNITS</b> 3.55E+01 MBq (1.50E+00 mCi)		<b>17. LSA/SCO CLASS</b> LSA-I	
				Cm-243 Cm-244 Pu-238 Pu-240 Sr-90 (H-3-LLD) (Tc-99-LLD)				19,000.1 Kg 41,888.0 Lbs	
								18. IDENTIFICATION NUMBER OF PACKAGE MHFU002285	
<b>FOR CONSIGNEE USE ONLY</b>				<b>20.</b> <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations detected on this Shipment					



# Attachment 2

## Shipment Tracking Report



**Westinghouse**



Car #	Container #	Current Location	Status	Destination	Railway	Type	Notes	Left Alaron	Arrive WCS	Left WCS	Returned Alaron
GIMX 516228	MHFU 002265	12/16, Andrews, TX (AP)		Andrews, TX	TXN	Flatcar	Placed at WCS	11/23/2016	12/16/2016		
	MHFU 001984										
	ISEU 000031										
	MHFU 001600										
	MHFU 001862										

Car #	Daily Location History
GIMX 516228	11/23, Wampum, PA
	11/24, Youngstown, OH
	11/25, Conway, PA
	11/26, Conway, PA
	11/27, Bellevue, OH
	11/28, Frank, OH
	11/29, Cincinnati, OH
	11/30, Chatanooga, TN
	12/1, Bessemer, AL
	12/2, New Orleans, LA
	12/3, Alexandria, LA
	12/4, Alexandria, LA
	12/5, Lansing Jct, TX
	12/6, Ft. Worth, TX
	12/7, Ft. Worth, TX
	12/8, Ft. Worth, TX
	12/9, Ft. Worth, TX
	12/10, Ft. Worth, TX
12/11, Ft. Worth, TX	
12/12, Monahans, TX	
12/13, Monahans, TX	
12/14, Monahans, TX	
12/15, Eunice, NM	
12/16, Andrews, TX	