ESHID-601215

Los Alamos NATIONAL LABORATORY EST 1943

Environmental Protection Division
Environmental Compliance Programs (ENV-CP)
PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87544
(505) 606-0397/Fax (505) 284-7522

Date: FEB 11 2016
Symbol: ENV-DO-16-018
LA-UR: Not applicable
Locates Action No.: Not applicable

COPY

RECEIVED
FEB 11 2016
NMED
Hazardous Waste Bureau

Mr. John E. Kieling
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Dear Mr. Kieling:

Subject: **Transmittal of Correspondence between Los Alamos National Laboratory and Waste Control Specialists, LLC Concerning Manifests for Nitrate Salt-Bearing Waste Containers**

The purpose of this submittal is to provide the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) with correspondence associated with the corrected manifests for nitrate salt-bearing waste containers located at Waste Control Specialists, LLC (WCS) and provides closure for previous correspondence dated August 2014 and October 2015. The letter and enclosure provide corrected manifests. As required by Section II.11 of the Los Alamos National Laboratory Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 4, the correspondence must be provided to the NMED-HWB within 15 business days.

If you have questions regarding this submittal, please contact Mark P. Haagenstad at (505) 665-2014 or David Nickless at (505) 665-6448.

Environmental Protection Division
Environmental Compliance Programs (ENV-CP)
PO Box 1663, K490
Los Alamos, New Mexico 87545
(505) 667-0666

National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87544
(505) 606-0397/Fax (505) 284-7522

Date: FEB 1 1 2016
Symbol: ENV-DO-16-018
LA-UR: Not applicable
Locates Action No.: Not applicable

Mr. John E. Kieling
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Dear Mr. Kieling:

Subject: Transmittal of Correspondence between Los Alamos National Laboratory and Waste Control Specialists, LLC Concerning Manifests for Nitrate Salt-Bearing Waste Containers

The purpose of this submittal is to provide the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) with correspondence associated with the corrected manifests for nitrate salt-bearing waste containers located at Waste Control Specialists, LLC (WCS) and provides closure for previous correspondence dated August 2014 and October 2015. The letter and enclosure provide corrected manifests. As required by Section II.11 of the Los Alamos National Laboratory Nitrate Salt-Bearing Waste Container Isolation Plan, Revision 4, the correspondence must be provided to the NMED-HWB within 15 business days.

If you have questions regarding this submittal, please contact Mark P. Haagenstad at (505) 665-2014 or David Nickless at (505) 665-6448.

Sincerely,

John P. McCann
Acting Division Leader
Environmental Protection Division
Los Alamos National Security, LLC

Sincerely,

Jody Pugh
Assistant Manager
National Security Missions
NNSA/Los Alamos Field Office

JPM:JP:MPH:LRVH/lm

Enclosures: (1) Letter: RE: ADESH-15-015 October 1, 2015 – Request for Correction of Waste Manifests at Waste Control Specialists, LLC for Los Alamos National Laboratory Nitrate Salt-Bearing Waste Inventory

Cy: Ryan Flynn, NMED, Santa Fe, NM, (E-File)
Kathryn Roberts, NMED, Santa Fe, NM, (E-File)
Steve Pullen, NMED/HWB, Santa Fe, NM, (E-File)
Neelam Dhawan, NMED/HWB, Santa Fe, NM, (E-File)
Dave Cobrain, NMED/HWB, Santa Fe, NM, (E-File)
Siona Briley, NMED/HWB, Santa Fe, NM, (E-File)
Jody Pugh, LASO-NS, (E-File)
Jordan Arnswald, LASO-NS-PI, (E-File)
David Nickless, EM-WM, (E-File)
Lisa Cummings, LASO-OC, (E-File)
Kirsten M. Laskey, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
Amy E. De Palma, PADOPS, (E-File)
Randall M. Erickson, ADEP, (E-File)
David J. Funk, ADEP, (E-File)
Cheryl D. Cabbil, ADNHHO, (E-File)
Michael T. Brandt, ADESH, (E-File)
Raeanna Sharp-Geiger, ADESH, (E-File)
John P. McCann, ENV-DO, (E-File)
Leslie K. Sonnenberg, EWMO-DO, (E-File)
Paul N. Newberry, WD-SRS, (E-File)
David E. Frederici, WD-WPE, (E-File)
Deborah K. Woitte, LC-ESH, (E-File)
Kenneth M. Hargis, WD-WPE, (E-File)
Mark P. Haagenstad, ENV-CP, (E-File)
Deborah L. Guffee, SI-DC, (E-File)

Cy (continued):
Yvette S. Branch, SI-DC, (E-File)
Luciana Vigil-Holterman, ENV-CP, (E-File)
Saundra Martinez, OIO-DO, (E-File)
lasomailbox@nnsa.doe.gov, (E-File)
emla.docs@em.doe.gov, (E-File
locatesteam@lanl.gov, (E-File)
env-correspondence@lanl.gov, (E-File)
epccat@lanl.gov, (E-File)
rcra-prr@lanl.gov, (E-File)

ENCLOSURE 1

Letter: RE: ADESH-15-015 October 1, 2015 – Request for Correction of Waste Manifests at Waste Control Specialists, LLC for Los Alamos National Laboratory Nitrate Salt-Bearing Waste Inventory

ENV-DO-16-018

Date: FEB 1 1 2016

THE TEXAS SOLUTION

January 11, 2016

Michael T. Brandt, DrPH, CIH
Associate Director for ESH
Environment, Safety, and Health
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545

Kimberly Davis Lebak, Manager
National Nuclear Security Administration
Los Alamos Field Office, A316
3747 West Jemez Road
Los Alamos, New Mexico, 87545

RE: ADESH-15-015 October 1, 2015 - Request for Correction of Waste Manifests at Waste Control Specialists, LLC for Los Alamos National Laboratory Nitrate Salt-Bearing Waste Inventory

Dear Dr. Brandt & Ms. Lebak:

This letter is to inform you that Waste Control Specialists LLC (WCS) has amended the subject manifests listed in Request for Correction Letter, ADESH-15-015 dated October 1, 2015, Enclosure 1 & 2. Please see attached corrected manifests.

WCS has also placed the correction request letter and copies of the corrected manifests with the waste profile WP-019746 as part of the facility record.

Waste Control Specialists LLC is pleased to have the opportunity to provide you with the quality waste management services that you need. If you have any questions or need further assistance, please feel free to contact Customer Service at (888) 789-2783.

Sincerely,

WASTE CONTROL SPECIALISTS LLC

Tom Hannah
Technical Services Project Manager

Corporate
5430 LBJ Freeway, Ste. 1700
Three Lincoln Centre
Dallas, TX 75240
Ph. 972.715.9800
Fx. 972.448.1419

Facility
P.O. Box 1129
Andrews, TX 79714
Ph. 888.789.2783
Fx. 432.525.8904

ENCLOSURE 1 - Remove and add EPA D001				
WCS Package ID (SWB)	**INNERCONTAINER ID**	**NWP ID (SWB)**	**Manifest #**	**Shipment #**
Remove D001 from Manifest				
14-108568	S802853	LASB50044	010784301JJK	LW140023
Add D001 to Manifest				
14-108534	69232	LASB50063	010784297JJK	LW140018
14-108598	69235	LASB50006	010784312JJK	LW140029

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NM0890010515	1	(505) 667-6211	010784301 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: CAST SPECIALTY INC. — U.S. EPA ID Number: COR000206722

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500
U.S. EPA ID Number: TXD988088464

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 4.82 TBq Solid Oxide, Radioactive Yellow-III, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-125, HRCQ (5.1) @ 8-25-14 @ 1/7/16	1	CM	1883	K @ 1/7/16	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.61 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-162 (5.1) @ 8-25-14	1	CM	1679	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.07 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-191 (5.1) @ 8-25-14	1	CM	1177	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
	*					

14. Special Handling Instructions and Additional Information

SHIPMENT #LW140023; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #C-79; TRAILER #V-379; GROSS WEIGHT (KG): TP#125 = 7606 KG, LASB50091 / LASB50044; TP#162 = 7388 KG, LASB50055 / LASB50098; TP#191 = 6833 KG, LASB50034 / LASBDUN1411; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: Lance Lackas — Month: 04 Day: 15 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard Archer — Signature: [signature] — Month: 04 Day: 16 Year: 14

Transporter 2 Printed/Typed Name: Stephen M. EASDON — Signature: Stephen M. Easdon — Month: 04 Day: 16 Year: 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Edward L Campbell — Signature: [signature] — Month: 4 Day: 22 Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784301JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140023

CONTACT: Glenn Siry

SHIPPER I.D. NUMBER: NM0890010515
☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Cast Specialtiy, Inc.
3102 East Green Street
Carlsbad, NM 88220

EPA I.D. NUMBER: COR000206722

SHIPPING DATE: 04/21/2014

CONTACT: Gayland Nancy

TELEPHONE NUMBER (Include Area Code): (575) 628-0468

SIGNATURE - Authorized carrier acknowledging waste receipt: Stephen M. Easton
DATE: 4/16/14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784301JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE – Authorized consignee acknowledging waste receipt:
DATE: 4/22/14

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE: [signature]
TITLE: Authorized Shipper
DATE: 4-21-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES						16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 4.82 TBq, Solid Oxide, (5.1) @ 8-25-14 @ 1/7/16	Yellow III	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Cs-137	Np-237	Pu-238	4.8183E+06 (1.302E+02 Ci)	NA	7605.97 KGS; 4.2 M3	LA3685
				Pu-239	Pu-240	Pu-241	Pu-242	Sr-90	U-233				
Radioactive Yellow III, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-125, HRCQ, WP# 019746				U-234	U-235	U-238							TRU PACT 2/TP-125
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.61 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Cs-137	Np-237	Pu-238	3.6088E+06 (9.753E+01 Ci)	NA	7387.94 KGS; 4.2 M3	LA3686
				Pu-239	Pu-240	Pu-241	Pu-242	Sr-90	U-233				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-162, WP# 019746				U-235	U-238								TRU PACT 2/TP-162
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.07 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Cs-137	Np-237	Pu-238	2.0658E+06 (5.583E+01 Ci)	NA	6832.76 KGS; 2.1 M3	LA3687
				Pu-239	Pu-240	Pu-241	Pu-242	U-233	U-234				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-191, WP# 019746				U-235	U-238								TRU PACT 2/TP-191

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NM0890010515	1	(505) 667-6211	010784297 JJK

GENERATOR

5. Generator's Name and Mailing Address / Generator's Site Address (if different than mailing address)

LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address — U.S. EPA ID Number: TXD988088464

WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, ~~1.97~~ TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-170 (5.1) @ 8-22-14	1	CM	1816	K	OUTS 319H F001 D001 @ 8-22-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu238 Pu239 Pu240, 1.22 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-178	1	CM	1511	K	OUTS 319H F001 F002 F004 F005
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 1.50 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-197 (5.1) @ 8-22-14	1	CM	1324	K	OUTS 319H F001 D001 @ 8-22-14 F002 F004 F005
	X					

14. Special Handling Instructions and Additional Information

SHIPMENT #LWI40018; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-29; TRAILER #V-372; GROSS WEIGHT (KG): TP#170 = 7630 KG, LASB50063 / LA00000068276; TP#178 = 7278 KG, LASB50078 / LA00000068277; TP#197 = 6959 KG, LASB50033 / LA00000068263; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
LANCE LACKAS		04	11	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
BOB ARTHUR		04	11	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
THOMAS NAVARETTE		04	15	14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month / Day / Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
EDWARD L. CAMPOS		4	16	14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784297JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515

☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

USER PERMIT NUMBER
NA

SHIPMENT NUMBER
LW140018

CONTACT
Glenn Siry

TELEPHONE NUMBER (Include Area Code)
505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER
NMR000013086

SHIPPING DATE
04/15/2014

CONTACT
Hanna George

TELEPHONE NUMBER (Include Area Code)
(575) 628-0062

SIGNATURE -- Authorized carrier acknowledging waste receipt

DATE
4-15-14

7. NRC FORM 540 AND 540A PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A 3 PAGE(S)
NRC FORM 542 AND 542A None PAGE(S)
ADDITIONAL INFORMATION None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784297JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT
Tom Hannah

TELEPHONE NUMBER (Include Area Code)
(432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt

DATE
4/14/14

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE

TITLE
Authorized Shipper

DATE
4-15-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 1.96 TBq, Solid Oxide, (5.1) @ 8-27-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Co-60 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-234	1.9605E+06 (5.299E+01 Ci)	NA	7630.19 KGS; 4.2 M3	LA3670
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-170, WP# 019746				U-235 U-238				TRU PACT 2/TP-170
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 1.22 TBq, Solid Oxide,	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 Tl-208 U-233	1.2229E+06 (3.305E+01 Ci)	NA	7277.57 KGS; 4.2 M3	LA3671
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-178, WP# 019746				U-234 U-235 U-238				TRU PACT 2/TP-178
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 1.50 TBq, Solid Oxide, (5.1) @ 8-22-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-235	1.5020E+06 (4.059E+01 Ci)	NA	6959.05 KGS; 4.2 M3	LA3672
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-197, WP# 019746				U-238				TRU PACT 2/TP-197

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784312 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

U.S. EPA ID Number: TXD988088464

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240 Cm244, 4.07 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-128 (5.1) @ 8-25-14	1	CM	1711	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.21 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-144 (5.1) @ 8-25-14	1	CM	1424	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 1.87 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-187 (5.1) @ 1/8/16	1	CM	1368	K	OUTS 319H F001 D001 @ 1/7/16 F002 F004 F005
	4.					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140029; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-27; TRAILER V-342; GROSS WEIGHT (KG): TP#128 = 7516 KG, LASB50112 / LASB50108; TP#144 = 7143 KG, LASB50088 / LASBDUN1418; TP#187 = 7097 KG, LASB50006 / LASBDUN1419; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature — Month 04 Day 22 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JAMES H. SMIGIELSKI — Signature — Month 04 Day 23 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Edward L Campos — Signature — Month 4 Day 24 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> **3**

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784312JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515
☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) **G**

USER PERMIT NUMBER: **NA**
SHIPMENT NUMBER: **LW140029**

CONTACT: **Glenn Siry**
TELEPHONE NUMBER (Include Area Code): **505-670-1876**

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: **NMR000013086**
SHIPPING DATE: **04/23/2014**

CONTACT: **Hanna George**
TELEPHONE NUMBER (Include Area Code): **(575) 628-0082**

SIGNATURE – Authorized carrier acknowledging waste receipt
DATE: 23 APR 14

7. NRC FORM 540 AND 540A — PAGE 1 OF **1** PAGE(S)
NRC FORM 541 AND 541A — **3** PAGE(S)
NRC FORM 542 AND 542A — **None** PAGE(S)
ADDITIONAL INFORMATION — **None** PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784312JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: **Tom Hannah**
TELEPHONE NUMBER (Include Area Code): **(432) 525-8500**

SIGNATURE – Authorized consignee acknowledging waste receipt
DATE: 4/24/14

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE | TITLE: Authorized Shipper | DATE: 4-23-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, Cm-244, 4.07 TBq, Solid Oxide, (S,I) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cm-243 Cm-244 Cm-245 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242	4.0698E+06 (1.100E+02 Ci)	NA	7516.49 KGS; 4.2 M3	LA3703
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-128, WP# 019746				Sr-90 U-233 U-234 U-235 U-238				TRU PACT 2/TP-128
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.21 TBq, Solid Oxide, (S,I) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-234	3.2129E+06 (8.683E+01 Ci)	NA	7143.25 KGS; 2.1 M3	LA3704
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-144, WP# 019746				U-235 U-238				TRU PACT 2/TP-144
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 1.87 TBq, Solid Oxide, (S,I) 1/7/14 @	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-235	1.8654E+06 (5.042E+01 Ci)	NA	7096.82 KGS; 2.1 M3	LA3705
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-187, WP# 019746				U-238				TRU PACT 2/TP-187

FOR CONSIGNEE USE ONLY

ENCLOSURE 2 - Corrected Manifests

List of Manifests Requiring Correction to **Remove** the Environmental Protection Agency Hazardous Waste Number **D001**

WCS Package ID (SWB)	INNERCONTAINER ID	NWP ID (SWB)	Manifest #	Shipment #
14-108442	S832485	LASB02204	010784279JJK	LW140005
14-108484	93935	LASB50026	010784287JJK	LW140010
14-108527	68643	SB10174	010784296JJK	LW140019
14-108527	S824056	SB10174	010784296JJK	LW140019
14-108527	S841295	SB10174	010784296JJK	LW140019
14-108527	S870129	SB10174	010784296JJK	LW140019
14-108581	69691	LASB50058	010784303JJK	LW140025
14-108587	69233	LASB50102	010784305JJK	LW140027
14-108609	69236	LASB50103	010784315JJK	LW140032
14-108609	69313	LASB50103	010784315JJK	LW140032
14-108613	93953	LASB50060	010784317JJK	LW140034
14-108619	69212	LASB50087	010784318JJK	LW140035
14-108629	S802985	LASB50432	010784319JJK	LW140036
14-108631	63130	LASB50410	010784319JJK	LW140036

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NM0890010515	1	(505) 667-6211	010784279 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-0037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
LANS, LLC FOR DOE

U.S. EPA ID Number
NM0890010515

7. Transporter 2 Company Name
CAST SPECIALTY INC.

U.S. EPA ID Number
COR000206722

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

U.S. EPA ID Number
TXD988088464

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu238 Pu239 Pu240, 5.99 TBq, Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-172 (S.S @ 8/22/14	1	CM	2155	K	OUTS 319H F001 DuU @ 8/22/14 F002 F005 D004
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240 Pu241, 1.81 TBq, Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-205 (S.S) @ 8/22/14 DuU @ 8/22/14 @ 11/7/14	1	CM	1886	K @ 11/7/14	OUTS 319H F001 DuU @ 8/22/14 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu238 Pu239 Pu240, 0.087 TBq, Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-127	1	CM	830	K	OUTS 319H F001 F002 F005 D004
	X					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140005; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #C-33; TRAILER #V-371; GROSS WEIGHT (KG): TP#172 = 7962 KG, LASB02206 / LA00000068244; TP#205 = 7607 KG, LASB02204 / LA00000068250; TP#127 = 6534 KG, LA00000068126 / LA00000068267; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
LANCE LACKAS	Lance Lackas	04	02	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Wendell Copeland		04	03	14
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Rene Guy	Rene Guy	4	4	14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ======> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784279JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515

☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

USER PERMIT NUMBER
NA

SHIPMENT NUMBER
LW140005

CONTACT
Glenn Siry

TELEPHONE NUMBER (Include Area Code)
505-670-1876

6. CARRIER - Name and Address
Cast Specialtiy, Inc.
3102 East Green Street
Carlsbad, NM 88220

EPA I.D. NUMBER
COR000206722

SHIPPING DATE
04/03/2014

CONTACT
Gayland Nancy

TELEPHONE NUMBER (Include Area Code)
(575) 628-0468

SIGNATURE - Authorized carrier acknowledging waste receipt
[signature]

DATE
4/3/14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 4 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784279JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT
Tom Hannah

TELEPHONE NUMBER (Include Area Code)
(432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt
[signature]

DATE
4/4/2014

10. CERTIFICATION
This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE
[signature]

TITLE
Authorized Shipper

DATE
4-3-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 5.99 TBq, Solid Oxide, (5.1) @ 8/22/14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-235 U-238	5.9926E+06 (1.620E+02 Ci)	NA	7961.83 KGS; 4.2 M3	LA3631
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-172, WP#-019746								TRU PACT 2/TP-172
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, PU-241, 1.81 TBq, Solid Oxide, ~~(5.1) @ 8/22/14~~ @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cm-243 Cm-244 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-234 U-235 U-238	1.8140E+06 (4.903E+01 Ci)	NA	7607.22 KGS; 4.2 M3	LA3632
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-205, WP#-019746								TRU PACT 2/TP-205
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, PU-239, Pu-240, 0.087 TBq, Solid Oxide,	Yellow II	0.4	Solid Oxide	Am-241 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-234 U-235 U-238	8.6854E+04 (2.347E+00 Ci)	NA	6534.43 KGS; 4.2 M3	LA3633
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-127, WP#019746								TRU PACT 2/TP-127

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784287 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 PU238 Pu239 Pu240, 1.14 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-125 (5.1) @ 8-22-14 @ 1/7/16	1	CM	1303	K @ 1/7/16	OUTS 319H F001 ~~D004 @ 8-21-14~~ F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 PU238 Pu239 Pu240, 1.11 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-162 (5.1) @ 8-22-14	1	CM	1047	K	OUTS 319H F001 D001 @ 8-21-14 F002 F005 D004
RQ	3 UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 PU238 Pu239 Pu240, 0.33 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-191	1	CM	1021	K	OUTS 319H F001 F002 F005 D004
	&					

14. Special Handling Instructions and Additional Information

SHIPMENT #LW140010; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-25; TRAILER #V-379; GROSS WEIGHT (KG): TP#125 = 7026 KG, LASB50026 / LA00000068135; TP#162 = 6756 KG, LASB50021 / LA00000068134; TP#191 = 6678 KG, LASB50030 / LA00000068133; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
LANCE LACKAS		04	07	14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Dustin		4	8	14
Transporter 2 Printed/Typed Name	**Signature**	**Month**	**Day**	**Year**

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18b

Printed/Typed Name	Signature	Month	Day	Year
Rene Guy		4	8	14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES ☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784267JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140010

CONTACT: Glenn Siry

SHIPPER I.D. NUMBER: NM08990010515
☐ COLLECTOR ☐ PROCESSOR ☑ GENERATOR TYPE (Specify) G

TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086

SHIPPING DATE: 04/08/2014

CONTACT: Hanna George

TELEPHONE NUMBER (Include Area Code): (575) 628-0082

SIGNATURE - Authorized carrier acknowledging waste receipt

DATE: 4-8-14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784287JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE - Authorized consignee acknowledging waste receipt

DATE: 4/9/2014

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE

TITLE: Authorized Shipper

DATE: 4-8-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES						16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 1.14 TBq, Solid Oxide, (5:1) @ 1/7/16	Yellow II	0.4	Solid Oxide	Ac-228	Am-241	Cs-137	Np-237	Pu-238	Pu-239	1.1342E+06 (3.065E+01 Ci)	NA	7026.47 KGS; 4.2 M3	LA3646
				Pu-240	Pu-241	Pu-242	U-233	U-234	U-235				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-125, WP# 019746				U-238									TRU PACT 2/TP-125
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 1.11 TBq, Solid Oxide, (5:1) @ 9-12-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cs-137	Eu-154	Np-237	Pu-238	1.1124E+06 (3.006E+01 Ci)	NA	6755.93 KGS; 4.2 M3	LA3647
				Pu-239	Pu-240	Pu-241	Pu-242	U-233	U-234				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-162, WP# 019746				U-235	U-238								TRU PACT 2/TP-162
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 0.33 TBq, Solid Oxide,	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Cs-137	Np-237	Pu-238	3.2671E+05 (8.830E+00 Ci)	NA	6678.28 KGS; 4.2 M3	LA3648
				Pu-239	Pu-240	Pu-241	Pu-242	U-233	U-234				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-191, WP# 019746				U-235	U-238								TRU PACT 2/TP-191

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784296 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu238 Pu239 Pu240, 1.85 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-185 (5.1) @ 8-25-14 @ 1/7/16	1	CM	1556	K @ 1/7/16	OUTS D001 @ 8-25-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.49 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-192 (5.1) @ 8-25-14	1	CM	1506	K	OUTS D001 @ 8-25-14 F002 F004 F005
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu238 Pu239 Pu240, 1.19 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-199 (5.1) @ 8-25-14	1	CM	1312	K	OUTS D001 @ 8-25-14 F002 F004 F005
	X					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140019; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-30; TRAILER #C-375; GROSS WEIGHT (KG): TP#185 = 7302 KG, LASB50077 / SB10174; TP#192 = 7214 KG, LASB50066 / LASB50070; TP#199 = 7092 KG, LASB50015 / LA00000068279; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: [signature] — Month 04 Day 14 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICK FISHER — Signature: [signature] — Month 04 Day 14 Year 14

Transporter 2 Printed/Typed Name: WILLIAM G. TREADWAY — Signature: [signature] — Month 04 Day 14 Year 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☑ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: EDWARD L CARRASCO — Signature: [signature] — Month 4 Day 16 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO
EPA MANIFEST NUMBER
010784296JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515
☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE
(Specify) G

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140019

CONTACT: Glenn Siry
TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086
SHIPPING DATE: 04/15/2014

CONTACT: Hanna George
TELEPHONE NUMBER (Include Area Code): (575) 628-0082

SIGNATURE - Authorized carrier acknowledging waste receipt: W M Zuckerman
DATE: 4/14/14

7. NRC FORM 540 AND 540A PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A 3 PAGE(S)
NRC FORM 542 AND 542A None PAGE(S)
ADDITIONAL INFORMATION None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784296JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt: E Hall
DATE: 4/16/14

10. CERTIFICATION

This is to certify that the he/ein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE: James Tucker
TITLE: Authorized Shipper
DATE: 4-15-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 1.85 TBq, Solid Oxide, ~~(5.1) @ 8-25-14~~ (5.1) @ 1/7/60	Yellow II	0.4	Solid Oxide	Am-241 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 Tl-208 U-233 U-235	1.8481E+06 (4.995E+01 Ci)	NA	7302.16 KGS; 4.2 M3	LA3673
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-185, WP# 019746				U-238				TRU PACT 2/TP-185
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.49 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Co-60 Cs-137 Na-22 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90	2.4933E+06 (6.739E+01 Ci)	NA	7214.41 KGS; 4.2 M3	LA3674
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-192, WP# 019746				U-233 U-234 U-235 U-238				TRU PACT 2/TP-192
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-238, Pu-239, Pu-240, 1.19 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Ac-228 Am-241 Am-243 Co-60 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233	1.1866E+06 (3.207E+01 Ci)	NA	7092.18 KGS; 4.2 M3	LA3675
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-199, WP# 019746				U-234 U-235 U-238				TRU PACT 2/TP-199

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784303 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500
U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.93 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-174 (5.1) @ 8-25-14	1	CM	1809	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.38 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-177 (5.1) 8-25-14	1	CM	1571	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.42 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-206 ~~(5.1) 8-25-14~~ @ 1/7/14	1	CM	1506	K @ 1/7/14	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F004 F005
	*					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140025; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-23; TRAILER #V-340; GROSS WEIGHT (KG): TP#174 = 7593 KG, LASB50057 / LASB50061; TP#177 = 7435 KG, LASB50062 / LASB50065; TP#206 = 7324 KG, LASB50100 / LASB50058; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: Lance Lackas — Month 04 Day 17 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Montoya — Signature: James Montoya — Month 04 Day 17 Year 14

Transporter 2 Printed/Typed Name: Steve Shickendanz — Signature: — Month 04 Day 22 Year 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2.	3	4
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Edward L Campos — Signature: — Month 4 Day 23 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010) — **U.S. NUCLEAR REGULATORY COMMISSION**

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST
SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES ☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? ☑ YES ☐ NO
If "Yes," provide Manifest Number

EPA MANIFEST NUMBER
010784303JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140025

CONTACT: Glenn Siry
TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086
SHIPPING DATE: 04/22/2014

CONTACT: Hanna George
TELEPHONE NUMBER (Include Area Code): (575) 628-0082

SIGNATURE - Authorized carrier acknowledging waste receipt
DATE: 4/22/14

SHIPPER I.D. NUMBER: NM0890010515
☐ COLLECTOR ☐ PROCESSOR ☑ GENERATOR TYPE
(Specify) G

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 4 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784303JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt
DATE: 4/23/14

10. CERTIFICATION
This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE | TITLE: Authorized Shipper | DATE: 4-22-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.93 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Eu-154 Na-22 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90	2.9280E+06 (7.914E+01 Ci)	NA	7593.22 KGS; 4.2 M3	LA3691
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-174, WP# 019746				U-233 U-234 U-235 U-238				TRU PACT 2/TP-174
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.38 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Co-60 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-235	3.3781E+06 (9.130E+01 Ci)	NA	7435.04 KGS; 4.2 M3	LA3692
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-177, WP# 019746				U-238				TRU PACT 2/TP-177
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.42 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Co-60 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233	2.4205E+06 (6.542E+01 Ci)	NA	7323.71 KGS; 4.2 M3	LA3693
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-206, WP# 019746				U-234 U-235 U-238				TRU PACT 2/TP-206

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784305 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: CAST SPECIALTY INC. — U.S. EPA ID Number: COR000206722

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500
U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.47 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-164 (S.I) @ 8/22/14	1	CM	1995	K	OUTS 319H F001 D001 @ 8/22/14 F002 F005 D004
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 4.05 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-169 (S.I) @ 8-25-14	1	CM	1802	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.95 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-195 ~~(S.I) 8-25-14~~ @ 1/7/16	1	CM	1275	K Q 1/7/16	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F004 F005
	X					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140027; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #C-31; TRAILER #C-336; GROSS WEIGHT (KG): TP#164 = 7788 KG, LASB50067 / LASB50084; TP#169 = 7608 KG, LASB50059 / LASB50109; TP#195 = 6922 KG, LASB50102 / LASBDUN1416; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: [signature] — Month: 04 Day: 21 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Lance Galle — Signature: [signature] — Month: 4 Day: 21 Year: 14

Transporter 2 Printed/Typed Name: MASON ERNEST — Signature: [signature] — Month: 4 Day: 22 Year: 14

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: EDWARD L CAMPOS — Signature: [signature] — Month: 4 Day: 23 Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ==>
3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?
If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784305JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

USER PERMIT NUMBER
NA

SHIPMENT NUMBER
LW140027

CONTACT
Glenn Siry

SHIPPER I.D. NUMBER
NM08990010515

☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE
(Specify) G

TELEPHONE NUMBER (Include Area Code)
505-670-1876

6. CARRIER - Name and Address
Cast Specialtiy, Inc.
3102 East Green Street
Carlsbad, NM 88220

EPA I.D. NUMBER
COR000206722

SHIPPING DATE
04/22/2014

CONTACT
Gayland Nancy

TELEPHONE NUMBER (Include Area Code)
(575) 628-0468

SIGNATURE - Authorized carrier acknowledging waste receipt

DATE
4-22-14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784305JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT
Tom Hannah

TELEPHONE NUMBER (Include Area Code)
(432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt

DATE
4/23/14

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE

TITLE
Authorized Shipper

DATE
4-22-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES						16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.47 TBq, Solid Oxide, (S.I) @ 8/22/14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cs-137	Na-22	Np-237	Pu-238	3.4724E+06 (9.385E+01 Ci)	NA	7787.86 KGS; 4.2 M3	LA3697
				Pu-239	Pu-240	Pu-241	Pu-242	U-233	U-235				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-164, WP# 019746				U-238									TRU PACT 2/TP-164
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 4.05 TBq, Solid Oxide, (S.I) 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Co-60	Cs-137	Np-237	4.0477E+06 (1.094E+02 Ci)	NA	7607.54 KGS; 4.2 M3	LA3698
				Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Sr-90				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-169, WP# 019746				U-233	U-234	U-235	U-238						TRU PACT 2/TP-169
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.95 TBq, Solid Oxide, (S.I) 8-25-14 @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cs-137	Na-22	Np-237	Pu-238	2.9537E+06 (7.983E+01 Ci)	NA	6921.69 KGS; 2.1 M3	LA3699
				Pu-239	Pu-240	Pu-241	Pu-242	Sr-90	U-233				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-195, WP# 019746				U-234	U-235	U-238							TRU PACT 2/TP-195

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784315 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432) 525-8500
U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.47 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-185 (5.1) @ 8-25-14	1	CM	1702	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.13 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-192 (5.1) @ 8-25-14	1	CM	1445	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.66 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-199 (5.1) @ 8-25-14 @ 1/7/16	1	CM	1228	K @ 1/7/16	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005

14. Special Handling Instructions and Additional Information

SHIPMENT #LW140032; LANL POC: ONESIMO A. MARTINEZ 505-231-5153; WP-019746; #ERG #165; TRACTOR #V-28; TRAILER C-375; GROSS WEIGHT (KG): TP#185 = 7447 KG, LASB50072 / LASB50081; TP#192 = 7153 KG, LASB50064 / LASBDUN1425; TP#199 = 7006 KG, LASB50103 / LASBDUN1426; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ONESIMO A. MARTINEZ — Signature — Month 04 Day 24 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Hatten — Signature — Month 04 Day 24 Year 14

Transporter 2 Printed/Typed Name: Mike Ramsey — Signature — Month 4 Day 24 Year 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Edgar I. Campos — Signature — Month 4 Day 25 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784315JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140032

CONTACT: Glenn Siry

SHIPPER I.D. NUMBER: NM0890010515
☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086

SHIPPING DATE: 04/24/2014

CONTACT: Hanna George

TELEPHONE NUMBER (Include Area Code): (575) 628-0062

SIGNATURE - Authorized carrier acknowledging waste receipt

DATE: 4-24-14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784315JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE -- Authorized consignee acknowledging waste receipt

DATE: 4/24/14

10. CERTIFICATION
This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE

TITLE: Authorized Shipper

DATE: 4-24-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES						16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.47 TBq, Solid Oxide, (SII) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Cs-137	Np-237	Pu-238	2.4664E+06 (6.666E+01 Ci)	NA	7446.69 KGS; 4.2 M3	LA3712
				Pu-239	Pu-240	Pu-241	Pu-242	Sr-90	Tl-208				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-185, WP# 019746				U-233	U-234	U-235	U-238						TRU PACT 2/TP-185
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.13 TBq, Solid Oxide, (SII) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cs-137	Na-22	Np-237	Pu-238	3.1276E+06 (8.453E+01 Ci)	NA	7153.42 KGS; 2.1 M3	LA3713
				Pu-239	Pu-240	Pu-241	Pu-242	U-233	U-234				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-192, WP# 019746				U-235	U-238								TRU PACT 2/TP-192
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.66 TBq, Solid Oxide, ~~(SII) @ 8-25-14~~ @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cs-137	Np-237	Pu-238	Pu-239	2.6639E+06 (7.200E+01 Ci)	NA	7006.21 KGS; 2.1 M3	LA3714
				Pu-240	Pu-241	Pu-242	Sr-90	Tl-208	U-233				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-199, WP# 019746				U-234	U-235	U-238							TRU PACT 2/TP-199

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NM0890010515	1	(505) 667-6211	010784317 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500

U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.02 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-147 (S1) 08-25-14 @ 1/7/16	1	CM	1326	K @ 4/7/16	OUTS 319H F001 F002 F005 D004
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 4.31 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-182	1	CM	1180	K	OUTS 319H F001 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 0.96 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-193 (S1) 08-25-14	1	CM	981	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
	*					

14. Special Handling Instructions and Additional Information

SHIPMENT #LW140034; LANL POC: ONESIMO A. MARTINEZ 505-231-5153; WP-019746; #ERG #165; TRACTOR #V-01 ; TRAILER C-352; GROSS WEIGHT (KG): TP#147 = 7023 KG, LASB50060 / LASBDUN1430; TP#182 = 6882 KG, LASB50050 / LASBDUN1431; TP#193 = 6748 KG, LASB50028 / LASBDUN1432; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ONESIMO A. MARTINEZ — Signature — Month 04 Day 28 Year 14

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: RICK PARKER — Signature — Month 04 Day 28 Year 14

Transporter 2 Printed/Typed Name: Tommy Cash — Signature — Month 04 Day 28 Year 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: SUSAN VAN LEWEN — Signature — Month 4 Day 29 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010) — **U.S. NUCLEAR REGULATORY COMMISSION**

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code): (505) 667-6211

ORGANIZATION: Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? ☐ YES ☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number ☑ YES ☐ NO

EPA MANIFEST NUMBER: 010784317JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER: NM0890010515
☐ COLLECTOR ☐ PROCESSOR ☑ GENERATOR TYPE (Specify) G

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140034

CONTACT: Glenn Siry
TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086
SHIPPING DATE: 04/28/2014

CONTACT: Hanna George
TELEPHONE NUMBER (Include Area Code): (575) 628-0082

SIGNATURE - Authorized carrier acknowledging waste receipt
DATE: 04/28/14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 2 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages): 010784317JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE - Authorized consignee acknowledging waste receipt
DATE: 4/29/14

10. CERTIFICATION

This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE | TITLE: Authorized Shipper | DATE: 4-28-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.02 TBq, Solid Oxide, (S,1) @ 8-25-14 @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-234	2.0220E+06 (5.465E+01 Ci)	NA	7022.58 KGS; 2.1 M3	LA3718
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-147, WP# 019746				U-235 U-238				TRU PACT 2/TP-147
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 4.31 TBq, Solid Oxide,	Yellow II	0.4	Solid Oxide	Am-241 Cm-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-235 U-238	4.3119E+06 (1.165E+02 Ci)	NA	6881.61 KGS; 2.1 M3	LA3719
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-182, WP# 019746								TRU PACT 2/TP-182
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 0.96 TBq, Solid Oxide, (S,1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cm-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-235	9.5591E+05 (2.584E+01 Ci)	NA	6747.92 KGS; 2.1 M3	LA3720
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-193, WP# 019746				U-238				TRU PACT 2/TP-193

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pi... typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784318 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: CAST SPECIALTY INC. — U.S. EPA ID Number: COR000206722

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500
U.S. EPA ID Number: TXD988088464

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.56 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-203 (5.1) @ 8-25-14	1	CM	2058	K	OUTS 319H F001 D001 @ 8-25-14 F002 F004 F005
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 1.20 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-~~166~~ 186 @ 4-25-14	1	CM	1152	K	OUTS 319H F001 F002 F004 F005
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 1.63 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(u)F-96, TP-190 ~~(5.1) @ 8-25-14~~ @ 1/7/16	1	CM	1132	K @ 11/2/16	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F004 F005
	X					

14. Special Handling Instructions and Additional Information
TP186 = 6863 @ 4-25-14
SHIPMENT #LW140035; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #C-29; TRAILER V-377; GROSS WEIGHT (KG): TP#203 = 7783 KG, LASB50043 / LASB50009; ~~TP#166 = 6957~~ KG, LASB50111 / LASBDUN1433; TP#190 = 6772 KG, LASB50087 / LASBDUN1434; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: [signature] — Month 04 Day 24 Year 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Rick Parker — Signature: [signature] — Month 04 Day 24 Year 14
Transporter 2 Printed/Typed Name: Wendell Copeland — Signature: [signature] — Month 04 Day 29 Year 14

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) SVL 4/30/14 — Month 4 Day 30 Year 14

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1	2	3	4
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: SUSAN VAN LEUVEN — Signature: [signature] — Month 4 Day 30 Year 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010)

U.S. NUCLEAR REGULATORY COMMISSION

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES
☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO
EPA MANIFEST NUMBER
010784318JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515
☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140035

CONTACT: Glenn Siry
TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Cast Specialtiy, Inc.
3102 East Green Street
Carlsbad, NM 88220

EPA I.D. NUMBER: COR000206722
SHIPPING DATE: 04/29/2014

CONTACT: Gayland Nancy
TELEPHONE NUMBER (Include Area Code): (575) 628-0468

SIGNATURE - Authorized carrier acknowledging waste receipt
DATE: 4/29/14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784318JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-9500

SIGNATURE - Authorized consignee acknowledging waste receipt
DATE: 4/30/14

10. CERTIFICATION
This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE
TITLE: Authorized Shipper
DATE: 4/29/14 SW 5/8/14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES						16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.56 TBq, Solid Oxide, (5.1) @ 8-25-14	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Cm-243	Co-60	Cs-137	Np-237	3.5610E+06 (9.624E+01 Ci)	NA	7782.76 KGS; 4.2 M3	LA3721
				Pu-238	Pu-239	Pu-240	Pu-241	Pu-242	Sr-90				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-203, WP# 019746				Tl-208	U-233	U-234	U-235	U-238					TRU PACT 2/TP-203
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 1.20 TBq, Solid Oxide,	Yellow II	0.4	Solid Oxide	Ac-228	Am-241	Am-243	Co-60	Cs-137	Eu-152	1.1964E+06 (3.233E+01 Ci)	NA	6862.71 KGS; 2.1 M3	LA3722
				Eu-154	Na-22	Np-237	Pu-238	Pu-239	Pu-240				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-186, WP# 019746 186 142 4-29-14				Pu-241	Pu-242	Sr-90	U-233	U-234	U-235				TRU PACT 2/TP-186
				U-238									
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 1.63 TBq, Solid Oxide, (5.1) @ 8-25-14 @ 1/2/16	Yellow II	0.4	Solid Oxide	Am-241	Am-243	Co-60	Cs-137	Np-237	Pu-238	1.6278E+06 (4.399E+01 Ci)	NA	6771.89 KGS; 2.1 M3	LA3723
				Pu-239	Pu-240	Pu-241	Pu-242	Sr-90	U-233				
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-190, WP# 019746				U-235	U-238								TRU PACT 2/TP-190

FOR CONSIGNEE USE ONLY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NM0890010515	1	(505) 667-6211	010784319 JJK

GENERATOR

5. Generator's Name and Mailing Address
LOS ALAMOS NATIONAL SECURITY, LLC ON BEHALF OF U.S. DOE
TA-54 WEST, BLDG. 38
LOS ALAMOS NM 87545
Generator's Phone: (505)665-6037

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: LANS, LLC FOR DOE — U.S. EPA ID Number: NM0890010515

7. Transporter 2 Company Name: VISIONARY SOLUTIONS LLC — U.S. EPA ID Number: NMR000013086

8. Designated Facility Name and Site Address
WASTE CONTROL SPECIALISTS LLC, TSD FACILITY
9998 W. STATE HWY 176
ANDREWS TX 79714
Facility's Phone: (432)525-8500
U.S. EPA ID Number: TXD988088464

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
RQ	1. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 3.68 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-125 (5.7) @ 8-25-14 @ 1/7/16	1	CM	1446	K @ 1/7/16	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F005 D004
RQ	2. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 4.34 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-162 (5.1) @ 8-25-14	1	CM	1483	K	OUTS 319H F001 D001 @ 8-25-14 F002 F005 D004
RQ	3. UN3328, Waste, Radioactive Material, Type B(U) Package, Fissile, 7, Am241 Pu239 Pu240, 2.52 TBq Solid Oxide, Radioactive Yellow-II, TI=0.4, CSI=0.0 USA/9218/ B(U)F-96, TP-191 (5.1) @ 8-25-14 @ 1/7/16	1	CM	1165	K @ 1/7/16	OUTS 319H F001 ~~D001 @ 8-25-14~~ F002 F005 D004
	X					

14. Special Handling Instructions and Additional Information
SHIPMENT #LW140036; LANL POC: LANCE LACKAS 505-699-7526; WP-019746; #ERG #165; TRACTOR #V-26 TRAILER V-379; GROSS WEIGHT (KG): TP#125 = 7169 KG, LASB50421 / LASB50432; TP#162 = 7191 KG, LASB50414 / LASBDUN1435; TP#191 = 6821 KG, LASB50410 / LASBDUN1436; EMERGENCY RESPONSE INFORMATION PROVIDER: LOS ALAMOS NATIONAL LABORATORY

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: LANCE LACKAS — Signature: [signature] — Month: 04 Day: 28 Year: 14

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rick Parker — Signature: [signature] — Month: 04 Day: 28 Year: 14

Transporter 2 Printed/Typed Name: THOMAS NAVARETTE — Signature: [signature] — Month: 04 Day: 29 Year: 14

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H141	H141	

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: SUSAN VANLEUVEN — Signature: [signature] — Month: 4 Day: 30 Year: 14

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

APPROVED BY OMB: NO. 3150-0164
EXPIRES: 08/31/2013

Estimated burden per response to comply with this information collection request: 45 minutes. This uniform manifest is required by NRC to meet reporting requirements of Federal and State Agencies for the safe transportation and disposal of low-level waste. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0164), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

NRC FORM 540 (8-2010) — **U.S. NUCLEAR REGULATORY COMMISSION**

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
(505) 667-6211

ORGANIZATION
Los Alamos National Laboratory

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
☐ YES ☑ NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ======> 3

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number
☑ YES ☐ NO

EPA MANIFEST NUMBER
010784319JJK

5. SHIPPER - NAME AND FACILITY
LANSLLC, for DOE
Bikini Atoll Road
SM-30
Los Alamos, NM 87545

SHIPPER I.D. NUMBER
NM0890010515

☐ COLLECTOR
☐ PROCESSOR
☑ GENERATOR TYPE (Specify) G

USER PERMIT NUMBER: NA
SHIPMENT NUMBER: LW140036

CONTACT: Glenn Siry
TELEPHONE NUMBER (Include Area Code): 505-670-1876

6. CARRIER - Name and Address
Visionary Solutions, LLC
5002 National Parks Highway
Carlsbad, NM 88220

EPA I.D. NUMBER: NMR000013086
SHIPPING DATE: 04/29/2014

CONTACT: Hanna George
TELEPHONE NUMBER (Include Area Code): (575) 628-0082

SIGNATURE — Authorized carrier acknowledging waste receipt
DATE: 4.29.14

7. NRC FORM 540 AND 540A — PAGE 1 OF 1 PAGE(S)
NRC FORM 541 AND 541A — 3 PAGE(S)
NRC FORM 542 AND 542A — None PAGE(S)
ADDITIONAL INFORMATION — None PAGE(S)

8. MANIFEST NUMBER (Use this number on all continuation pages)
010784319JJK

9. CONSIGNEE - Name and Facility Address
Waste Control Specialists
TSD Facility
9998 W. State Highway 176
Andrews, TX 79714

CONTACT: Tom Hannah
TELEPHONE NUMBER (Include Area Code): (432) 525-8500

SIGNATURE — Authorized consignee acknowledging waste receipt
DATE: 4/30/14

10. CERTIFICATION
This is to certify that the herein-named materials 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. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE: [signature] TITLE: Authorized Shipper DATE: 4-29-14

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. TRANSPORT INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (MBq)	17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 3.68 TBq, Solid Oxide, ~~(5.1) @ 8-25-14~~ @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Co-60 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 U-233 U-235	3.6801E+06 (9.946E+01 Ci)	NA	7168.52 KGS; 4.2 M3	LA3724
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-125, WP# 019746				U-238				TRU PACT 2/TP-125
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 4.34 TBq, Solid Oxide, ~~(5.1) @ 8-25-14~~ @ 1/7/16 (5.1)	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cm-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233	4.3418E+06 (1.173E+02 Ci)	NA	7191.42 KGS; 2.1 M3	LA3725
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-162, WP# 019746				U-234 U-235 U-238				TRU PACT 2/TP-162
RQ, UN 3328, Waste, Radioactive material, Type B(U) package, fissile, 7, Am-241, Pu-239, Pu-240, 2.52 TBq, Solid Oxide, ~~(5.1) @ 8-25-14~~ @ 1/7/16	Yellow II	0.4	Solid Oxide	Am-241 Am-243 Cs-137 Np-237 Pu-238 Pu-239 Pu-240 Pu-241 Pu-242 Sr-90 U-233 U-235	2.5167E+06 (6.802E+01 Ci)	NA	6820.68 KGS; 2.1 M3	LA3726
Radioactive Yellow II, TI = 0.4, CSI = 0.0, USA/9218/B(U)F-96, TP-191, WP# 019746				U-238				TRU PACT 2/TP-191

FOR CONSIGNEE USE ONLY