



Certificate of Disposition of Materials
and Request for License Termination
(NRC Form 314)

Submitted To

U.S. Nuclear Regulatory
Commission

NRC Materials License No. 24-17152-02

November 19, 2004

ORIGINAL

 **MAXIM** Technologies
1908 Innerbelt Business Ctr. Dr.
St. Louis, MO 63114
314-426-0880
314-426-4212 (fax)

ML043280667

314192
REC'D MAR 09 2005



November 22, 2004

Miss Patricia Pelke, Materials Licensing Agent
U.S. Nuclear Regulatory Commission
Region III Office
2443 Warrenville Road, STE 210
Lisle, IL 60532-4352

Re: Transmittal of NRC Form 314
License No. 24-17152-02

Dear Miss Pelke:

Please find the completed NRC Form 314 (Certificate of Disposition of Materials) and supporting documentation. This Form is submitted in conjunction with the Final Status Survey Report, which was mailed to you on November 17, 2004.

The original (stamped) and a copy has been provided.

Should you have any questions or require any additional information, please feel free to call me or Max Gricevich, St. Louis Office Manager at (314) 426-0880, or Dr. J. D. Yesso at (513) 939-3820.

Sincerely,
Maxim Technologies, Inc.

A handwritten signature in black ink that reads "Paul J. Smith". The signature is written in a cursive style.

Paul J. Smith
Radiation Safety Officer

Estimated burden per response to comply with this mandatory information collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility has been cleared of radioactive material before the facility is released for unrestricted use. Forward comments regarding burden estimate to the Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to the Paperwork Reduction Project (3150-0028), Office of Management and Budget, Washington, DC 20503. If 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.

CERTIFICATE OF DISPOSITION OF MATERIALS

INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED - PRINT OR TYPE
SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE

LICENSEE NAME AND ADDRESS Maxim Technologies, Inc. 1908 Innerbelt Business Center Drive St. Louis, MO 63114-5700	LICENSE NUMBER 24-17152-02
	LICENSE EXPIRATION DATE December 31, 2004

A. MATERIALS DATA (Check one and complete as necessary)

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:
(Check and/or complete the appropriate item(s) below.)

1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.
- OR
2. ALL ACTIVITIES AUTHORIZED BY THE LICENSE HAVE CEASED AND ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSEE UNDER THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class-C waste, and sealed sources, if applicable.

See attached "Summary of Waste Disposal and Transfer Activities" and supporting documentatiion.

For transfers, specify the date of the transfer, the name of the licensed recipient, and the recipient's NRC license number or Agreement State name and license number.

See attached "Summary of Waste Disposal and Transfer Activities" and supporting documentation.

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage).

See attached "Summary of Waste Disposal and Transfer Activities" and supporting documentaation.

B. OTHER DATA

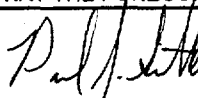
1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
2. A RADIATION SURVEY WAS CONDUCTED BY THE LICENSEE TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE.

- NO (Attach explanation)
- YES, THE RESULTS (Check one)
- ARE ATTACHED, or
- WERE FORWARDED TO NRC ON (Date) November 17, 2004

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM	NAME Paul J. Smith	TELEPHONE NUMBER (Include Area Code) (314)351-3028
4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO Paul J. Smith 1908 Innerbelt Business Center Dr. Maxim Technologies St. Louis, MO 63114-5700		

CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE Paul J. Smith/Rad Safety Officer	SIGNATURE 	DATE Nov. 19, 2004
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WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTIONS.

Summary of Waste Disposal and Transfer Activities

1.0 Disposition of Low-Level Radioactive Waste

Maxim Technologies, Inc. utilized the services of ADCO Services, Inc., 17650 Duvan Drive, Tinley Park, IL, 60477, for transportation and disposal of low-level radioactive waste. A total of seven (7) drums, primarily containing contact waste from laboratory analysis of sample media (broken glass, plastic bottles, paper towels) and solid unused sample material and debris, were transported and disposed by ADCO Services, Inc. One (1) drum of liquid waste (LSA I) was also contracted for disposal by ADCO Services, Inc. A copy of the Uniform Low-Level Radioactive Waste Manifest is included with this submittal (see Attachment A). (A signed facsimile copy of the first page of the Manifest acknowledging receipt by ADCO, is also included.)

2.0 Transfer Record of Low-Level Radioactive Waste

One (1) drum containing unused solid sample media (LSA II), was returned on October 5, 2004 to the U.S. Department of Energy, Rocky Flats Environmental Technology Site, 10808 Highway 93, Unit B, Golden, Colorado, 80303-8200. Maxim Technologies coordinated the return of the unused sample media with representatives from Kaiser-Hill Co., and Kaiser-Hill Co. contracted the transporter (R&R Trucking) for the shipment back to the Rocky Flats Environmental Technology Site. A copy of the Bill of Lading and supporting documentation has been included with this submittal (see Attachment B).

3.0 Sealed Source Transfer and/or Disposal

During analytical laboratory operations at the Maxim Technologies facility (1988-1998), various sealed Ni-63 sources were utilized in electron capture detectors (ECDs) for the detection of select analytes after separation by gas chromatography. After the closure of the analytical chemistry laboratory in 1998, the gas chromatographs, including the ECDs, as well as other laboratory instrumentation, were either transferred to other Maxim Laboratories or sold to other companies.

The following table summarizes the transfer or disposal of sealed sources referenced on NRC Materials License No. 24-17152-02:

Summary of Waste Disposal and Transfer Activities

Sealed Source Disposition Summary

Manufacturer	Nuclide	Activity	Model #	Serial #	Disposition
Valco Instruments	Ni-63	5 mCi	140 BN	NO94	Disposed (see Attachment C)
Tremetrics	Ni-63	16 mCi	115500	5547	Maxim Technologies 555 S. 72 nd Ave. Wausau, WI 54401
Tremetrics	Ni	16 mCi	115500	5574	Northern Analytical Labs 602 S. 25 th Street Billings, MT 59107
Tremetrics	Ni	16 mCi	115500	5576	Northern Analytical Labs 602 S. 25 th Street Billings, MT 59107
Varian	Ni	15 mCi	02-00197-00	A-1130	Riverfront Analytical 17 Halleck Ave. Edwardsville, IL 62025
Varian	Ni	15 mCi	02-00197-00	A-6380	Riverfront Analytical 17 Halleck Ave. Edwardsville, IL 62025
Varian	Ni	15 mCi	02-00197-00	A-5826	Maxim Technologies 2821 Plant Street Rapid City, SD 57702
Varian	Ni	15 mCi	02-00197-00	A-1147	Maxim Technologies 2821 Plant Street Rapid City, SD 57702

4.0 Material Disposed Directly by Maxim Technologies

A small quantity of aqueous radioactive material was discharged to the sanitary sewer system, following radiological characterization. These discharges were within the discharge limits specified in 10 CFR 20.2003. (For more information concerning sanitary sewer discharges, see Sec. 4.1 of the Final Status Survey Report, November 17, 2004.)

Summary of Waste Disposal and Transfer Activities

5.0 NMMSS Nuclear Materials Balance Reconciliation

Maxim Technologies received confirmation on June 1, 2004 from the Nuclear Materials Management and Safeguards System (NMMSS) indicating a balance of zero for all reportable materials. A copy of the email from the NMMSS and finalized DOE/NRC Forms 741 and 740M are included as Attachment D.

ATTACHMENT A

UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST

04-0350 L

11/15/2004 02:33 7884299759 ADCC PAGE 02

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		ADCO SERVICES, INC. MAJOR TECHNOLOGIES FOR THE ACCOUNT OF ADCC SERVICES, INC. 1903 DUVERNEL BUSINESS CENTER ST. LOUIS, MO 64110		SHIPMENT I.D. NUMBER 040310 L		7. FORM 540 AND 540A PAGE 1 OF 2 PAGE(S) FORM 541 AND 541A PAGE(S) FORM 542 AND 542A None PAGE(S) ADDITIONAL INFORMATION None PAGE(S)		8. MANIFEST NUMBER (Use this number on all continuation pages) 04-0350 L									
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 314-424-0100		5. SHIPPER - Name and Facility ADCC SERVICES, INC. 1903 DUVERNEL BUSINESS CENTER ST. LOUIS, MO 64110		COLLECTOR PROCESSOR		8. CONSIGNEE - Name and Facility Address ADCC SERVICES, INC. 17650 DUVAN DRIVE TINLEY PARK, IL 604774		CONTACT LEN WIARBIANY/FACILITY MGR TELEPHONE NUMBER (Include Area Code) 800-282-2326									
ORGANIZATION MAJOR TECHNOLOGIES		6. PERMIT NA SHIPMENT NUMBER 04-0310 L		GENERATOR TYPE (Specify) 1		TELEPHONE NUMBER (Include Area Code) 314-416-4160		DATE 10-1-04									
2. IS THIS AN EXCLUSIVE USE SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST =====> 8		9. CARRIER - Name and Address ARCON EXPRESS, INC. 17650 DUVAN DRIVE TINLEY PARK, IL 60477		EPA I.D. NUMBER LD 047787134 SHIPMENT DATE 9/28/04		SIGNATURE - Authorized carrier acknowledging receipt <i>[Signature]</i> 10. CERTIFICATION IT 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 regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled as so in proper condition for transportation and disposal as described in accordance with the requirements of 49 CFR Parts 20 and 61, or equivalent state regulations.									
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If "Yes," provide Manifest Number =====>		EPA MANIFEST NUMBER NONE REQUIRED		CONTACT BOB BASSETT SIGNATURE - Authorized carrier acknowledging receipt <i>[Signature]</i> DATE 9/28/04		TELEPHONE NUMBER (Include Area Code) 788-429-9759		AUTHORIZED SIGNATURE <i>[Signature]</i> TITLE SRO/MAXIM DATE 9/28/04									
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UNID number, and any additional information)		12. DOT LABEL 'RADIOACTIVE'		13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIOISOTOPES		16. TOTAL PACKAGE ACTIVITY (mCi)		17. ILSA/ISO CLASS		18. TOTAL WEIGHT ON VEHICLE (Use appropriate units)		19. IDENTIFICATION NUMBER OF PACKAGE	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Ag-108 Co-60 Cs-137 Ra-228 Sr-90 Th-232 Th-234		8.1067E+00 2.1910E-01		LSA-II		600. LBS; 11.6 FT3 159		04-0350-01	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Ag-108 Co-60 Cs-137 Eu-154 Sr-90 Th-234 U-235 U-238		7.8953E+00 2.1330E-01		NA		300. LBS; 11.6 FT3 134		04-0350-02	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Co-60 Cs-137 Pb-210 Po-210 Ra-226 Ra-228 Sr-90 Th-228 Th-230 Th-232 Th-234 U-235 U-238		1.5657E+01 4.2317E-01		NA		300. LBS; 11.6 FT3 211		04-0350-03	
FOR CONSIGNEE USE ONLY				20. Check appropriate boxes: <input checked="" type="checkbox"/> Customer represents and warrants that all data set forth in this Uniform Low-Level Radioactive Manifest is true and correct in all respects. <input checked="" type="checkbox"/> Packages listed as "Limited Quantity of Radioactive Material" on this manifest conform to the conditions and limitations specified in 49 CFR 173.221 for radioactive material, excepted package-limited quantity of material, UN2910. <input type="checkbox"/> Packages listed as "NON-REGULATED MATERIAL" on this manifest are classified in accordance with 49 CFR 173.103 (Definition of Radioactive Material). These materials must still be disposed of at a licensed facility.													

FORM 540 (10-98)

04-0750L

FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		ADCO SERVICES, INC.		5. SHIPPER - NAME AND FACILITY MAXIM TECHNOLOGIES/FOR THE ACCOUNT OF ADCO SERVICES, INC. 1908 INNERBELT BUSINESS CENTER ST. LOUIS, MO 63114		SHIPMENT I.D. NUMBER 60958		7. FORM 540 AND 540A PAGE 1 OF 2 PAGE(S) FORM 541 AND 541A 4 PAGE(S) FORM 542 AND 542A None PAGE(S) ADDITIONAL INFORMATION None PAGE(S)		8. MANIFEST NUMBER (Use this number on all continuation pages) 04-0350 L							
1. EMERGENCY TELEPHONE NUMBER (Include Area Code) 314-426-0880		SC PERMIT NA		SHIPMENT NUMBER 04-0350 L		<input checked="" type="checkbox"/> GENERATOR TYPE (Specify) I		9. CONSIGNEE - Name and Facility Address ADCO SERVICES, INC. 17650 DUVAN DRIVE TINLEY PARK, IL 60477		CONTACT LEN WARBIANY/FACILITY MGR TELEPHONE NUMBER (Include Area Code) 800-282-2326							
ORGANIZATION MAXIM TECHNOLOGIES		CONTACT MAX GRICEVICH/PAUL SMITH		TELEPHONE NUMBER (Include Area Code) 314-426-0880		SIGNATURE - Authorized consignee acknowledging waste receipt		DATE		10. CERTIFICATION							
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 8		6. CARRIER - Name and Address ADCOM EXPRESS, INC. 17650 DUVAN DRIVE TINLEY PARK, IL 60477		EPA I.D. NUMBER ILD 047287364		SHIPPING DATE 9/28/01		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 requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.							
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number =====>		EPA MANIFEST NUMBER NONE REQUIRED		CONTACT BOB BASSETT		TELEPHONE NUMBER (Include Area Code) 708-429-3013		DATE 9/28/01		AUTHORIZED SIGNATURE P. J. [Signature]							
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 mCi		17. LSA/SCO CLASS		18. TOTAL WEIGHT OR VOLUME (Use appropriate units)		19. IDENTIFICATION NUMBER OF PACKAGE	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Ag-108 Co-60 Cs-137 Ra-226 Sr-90 Th-228 Th-232 Th-234		8.1067E+00 2.1910E-01		LSA-II		200. LBS; 11.6 FT3		04-0350-01	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Ag-108 Co-60 Cs-137 Eu-154 Sr-90 Th-234 U-234 U-238		7.8953E+00 2.1339E-01		NA		200. LBS; 11.6 FT3		04-0350-02	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Co-60 Cs-137 Pb-210 Po-210 Ra-226 Ra-228 Sr-90 Th-228		1.5657E+01 4.2317E-01		NA		200. LBS; 11.6 FT3		04-0350-03	
Radioactive material, excepted package-limited quantity of material, 7, UN2910		NA		NA		Solid PAPER PLASTIC GLASS		Th-230 Th-232 Th-234 U-235 U-238									
FOR CONSIGNEE USE ONLY				20. Check appropriate items: <input checked="" type="checkbox"/> Customer represents and warrants that all data set forth in this Uniform Low-Level Radioactive Manifest is true and correct in all respects. <input checked="" type="checkbox"/> Packages listed as "Limited Quantity of Radioactive Material" on this manifest conform to the conditions and limitations specified in 49 CFR 173.421 for radioactive material, excepted package-limited quantity of material UN2910 <input type="checkbox"/> Packages listed as "NON-REGULATED MATERIAL" on this manifest are classified in accordance with 49 CFR 173.403 (Definition of Radioactive Material). These Materials must still be disposed of at a licensed facility.													

UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST
SHIPPING PAPER (CONTINUATION)

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 mCi		17. LSA/SCO CLASS	18. TOTAL WEIGHT OR VOLUME (Use appropriate units)	19. IDENTIFICATION NUMBER OF PACKAGE
Radioactive material, excepted package-limited quantity of material, 7, UN2910	NA	NA	Solid PAPER PLASTIC GLASS	Ag-108 Pb-210	Am-241 Po-210	Co-60 Ra-226	Cs-137 Ra-228	9.6789E+00	2.6159E-01	NA	200. LBS; 11.6 FT3	04-0350-04
				Sr-90 Th-234	Th-228 U-234	Th-230 U-235	Th-232 U-238					
Radioactive material, excepted package-limited quantity of material, 7, UN2910	NA	NA	Solid PAPER PLASTIC GLASS	Ag-108 Pb-210	Co-60 Po-210	Cs-137 Ra-226	Pa-231 Ra-228	1.3625E+00	3.6824E-02	NA	50. LBS; 2.73 FT3	04-0350-05
				Sr-90 Th-234	Th-228 U-234	Th-230 U-235	Th-232 U-238					
Radioactive material, excepted package-limited quantity of material, 7, UN2910	NA	NA	Solid PAPER PLASTIC GLASS	Cs-137 Ra-228	Pb-210 Sr-90	Po-210 Th-228	Ra-226 Th-230	1.9804E+00	5.3526E-02	NA	100. LBS; 4.1 FT3	04-0350-06
				Th-232 U-238	Th-234	U-234	U-235					
Radioactive material, excepted package-limited quantity of material, 7, UN2910	NA	NA	Solid PAPER PLASTIC GLASS	Co-60	Cs-137	Sr-90		4.1910E-03	1.1327E-04	NA	200. LBS; 7.5 FT3	04-0350-07
Radioactive material, low specific activity, (LSA I) n.o.s., 7, UN2912	NA	NA	Liquid AQUEOUS LIQUID	Am-241 U-234	Cs-137 U-235	Sr-90 U-238	Th-234	2.2029E+00	5.9539E-02	NA	100. LBS; 4.1 FT3	04-0350-08

**UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST
CONTAINER AND WASTE DESCRIPTION**

Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME	NET WASTE WEIGHT	1. MANIFEST TOTALS				TOTAL
			SPECIAL NUCLEAR MATERIAL (grams)				
			U-233	U-235	Pu		
8	m3 R3 64.8300	kg 566.9905	NP	NP	NP	NP	
ACTIVITY							SOURCE
ALL NUCLIDES		TRITIUM	C-14	Tc-99	I-129		
MBq	4.6888E+01	NP	NP	NP	NP	(kgs) NA	
mCi	1.2673E+00	NP	NP	NP	NP	(lbs) NA	

2. MANIFEST NUMBER 04-0350 L
3. PAGE 1 OF 4 PAGE(S)
4. SHIPPER NAME MAXIM TECHNOLOGIES/FORT
SHIPMENT ID NUMBER 60958

DISPOSAL CONTAINER DESCRIPTION				WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER										16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C		
5. CONTAINER IDENTIFICATION NUMBER / SC PERMIT	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (R3)	8. WASTE AND CONTAINER WEIGHT (kg) (R3)	9. SURFACE RADIATION LEVEL (mSv/hr) (mem/hr)	10. SURFACE CONTAMINATION (MBq/100 cm2) (dpm/100 cm2)		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)		13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3 & Note 3A)	14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION			
					ALPHA	BETA-GAMMA					CHEMICAL FORM/ CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL, OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT			
04-0350-01/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.3285	90.7185	003	NP	NP	59-INCINERABLE DRY WASTE-H	0.3285	100	PAPER PLASTIC GLASS/NP	0.00	RADIONUCLIDES			AU	
		11.6000	200.0000	3	NP	NP		11.6000				Ag-108 Co-60 Cs-137 Ra-226 Sr-90	1.5540E-02 9.7310E-02 1.0027E-01 5.8090E-02 1.8056E-01	4.2000E-04 2.6300E-03 2.7100E-03 1.5700E-03 4.8800E-03		
												Th-228 Th-232 Th-234 U-234 U-235				
								5.8090E-02 1.5700E-03 2.4864E+00 6.7200E-02 2.4864E+00 6.7200E-02 7.9550E-02 2.1500E-03								
												U-238				
								2.4864E+00 6.7200E-02								
												Subtotal				
								8.1067E+00 2.1910E-01								
												Total				
								8.1067E+00 2.1910E-01								
04-0350-02/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.3285	90.7185	004	NP	NP	59-INCINERABLE DRY WASTE-H	0.3285	100	PAPER PLASTIC GLASS/NP	0.00	RADIONUCLIDES			AU	
		11.6000	200.0000	4	NP	NP		11.6000				Ag-108 Co-60 Cs-137 Eu-154 Sr-90	1.5503E-02 2.5012E-02 1.2025E+00 3.0414E-02 2.1645E-01	4.1900E-04 6.7600E-04 3.2500E-02 8.2200E-04 5.8500E-03		
												Th-234 U-234 U-235 U-238				
								2.1090E+00 5.7000E-02 2.1090E+00 5.7000E-02 2.1090E+00 5.7000E-02								
												Subtotal				
								7.8953E+00 2.1339E-01								
												Total				
								7.8953E+00 2.1339E-01								

NOTE 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP."

1. Wooden Box or Crate	9. Demineralizer
2. Metal Box	10. Gas Cylinder
3. Plastic Drum or Pail	11. Bulk, Unpackaged Waste
4. Metal Drum or Pail	12. Unpackaged Components
5. Metal Tank or Liner	13. High Integrity Container
6. Concrete Tank or Liner	19. Other. Describe in Item 6, or additional page.
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Barnwell Specific Container Description Codes. (Choose one code as may be applicable.)

A High Integrity Container - Poly
B High Integrity Container - Poly with Steel Shell
C High Integrity Drum Overpack - Poly
D High Integrity Container - Stainless Steel
E High Integrity Container - Fiberglass
F Liner - Steel

NOTE 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.)

20. Charcoal	29. Demolition Rubble	38. Evaporator Bottoms/Sludges/ Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compatible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompactible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcass
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcass)
25. Aqueous Liquid	34. Organic Liquid (except oil)	43. Activated Material
26. Filter Media	35. Glassware or Labware	59. Other. Describe in item 11, or additional page
27. Mechanical Filter	36. Sealed Source/Device	
28. EPA or State Hazardous	37. Paint or Plating	

Note 2A: Barnwell Specific Waste Descriptor Codes. (Choose all applicable codes.)

G Dewatered
H Solid
I Combustible
J Non-combustible
K Air Filtration Filters
L Asbestos

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S" and the media vendor and brand name must also be identified in Item 15. Code 100=NONE REQUIRED.

90. Cement	94. Vinyl Ester Styrene
91. Concrete (encapsulation)	99. Other. Describe in item 13, or additional page
92. Bitumen	100. None Required.
93. Vinyl Chloride	

Note 3A: Barnwell Specific Solidification and Stabilization Media Codes. (Choose this code if applicable)

M Wax Binder

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

ADCO SERVICES, INC.

2. MANIFEST NUMBER

04-0350 L

3. PAGE 2 OF 4 PAGE(S)

CONTAINER AND WASTE DESCRIPTION (CONTINUATION)

DISPOSAL CONTAINER DESCRIPTION				WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER										16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C		
5. CONTAINER IDENTIFICATION NUMBER / SC PERMIT	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (R3)	8. WASTE AND CONTAINER WEIGHT (kg) (LB)	9. SURFACE RADIATION LEVEL (mSv/hr) (mrem/hr)	10. SURFACE CONTAMINATION (MBq/100 cm2) (dpm/100 cm2)		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)		13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3 & Note 3A)	14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION			
					ALPHA	BETA-GAMMA		WEIGHT % CHELATING AGENT IF > 0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL; OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT		RADIONUCLIDES		MBq		mCi	
													Total			
04-0350-03/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.3285	90.7185	0.03	NP	NP	59-INCINERABLE DRY WASTE-H	0.3285	100	PAPER PLASTIC GLASS/NP	0.00	Co-60 Cs-137 Pb-210 Po-210 Ra-226	1.2284E-01	3.3200E-03	AU	
		11.6000	200.0000	0.3	NP	NP		11.6000					8.8840E-01 1.3200E-02 8.6210E-02 2.3300E-03 8.6210E-02 2.3300E-03			
04-0350-04/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.3285	90.7185	0.03	NP	NP	59-INCINERABLE DRY WASTE-H	0.3285	100	PAPER PLASTIC GLASS/NP	0.00	Ra-228 Sr-90 Th-228 Th-230 Th-232	1.9795E-01	5.3500E-03	AU	
		11.6000	200.0000	0.3	NP	NP		11.6000					4.5880E+00 1.2400E-01 1.2400E-01 6.9000E-03 4.5880E+00 1.2400E-01			
													Subtotal	1.5657E+01	4.2317E-01	
													Total	1.5657E+01	4.2317E-01	
04-0350-05/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.0773	22.6796	0.03	NP	NP	59-INCINERABLE DRY WASTE-H	0.0773	100	PAPER PLASTIC GLASS/NP	0.00	Ag-108 Am-241 Co-60 Cs-137 Pb-210	3.7370E-02	1.0100E-03	AU	
		2.7300	50.0000	0.3	NP	NP		2.7300					8.9540E-01 5.1700E-02 2.7602E+00 7.4600E-02 6.6970E-02			
													Po-210 Ra-226 Ra-228 Sr-90 Th-228	6.6970E-02 1.8100E-03 6.6970E-02 1.8100E-03 2.3199E-02 6.2700E-04 4.9580E-01 1.3400E-02 2.3199E-02 6.2700E-04	1.8100E-03 1.8100E-03 6.2700E-04 6.2700E-04	
													Th-230 Th-232 Th-234 U-234 U-235	6.6970E-02 2.3199E-02 1.6317E+00 4.4100E-02 6.6230E-02	1.8100E-03 6.2700E-04 4.4100E-02 4.4100E-02 1.7900E-03	
													U-238	1.6317E+00	4.4100E-02	
													Subtotal	9.6789E+00	2.6159E-01	
													Total	9.6789E+00	2.6159E-01	

**UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST**

ADCO SERVICES, INC.

2. MANIFEST NUMBER

04-0350 L

3. PAGE 3 OF 4 PAGE(S)

CONTAINER AND WASTE DESCRIPTION (CONTINUATION)

DISPOSAL CONTAINER DESCRIPTION			CONTAINER AND WASTE DESCRIPTION (CONTINUATION)				WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER					16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C			
5. CONTAINER IDENTIFICATION NUMBER / SC PERMIT	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME $\frac{(m^3)}{(ft^3)}$	8. WASTE AND CONTAINER WEIGHT $\frac{(kg)}{(LB)}$	9. SURFACE RADIATION LEVEL $\frac{mSv/hr}{mrem/hr}$	10. SURFACE CONTAMINATION $\frac{MBq/100\text{ cm}^2}{dpm/100\text{ cm}^2}$		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER $\frac{(m^3)}{(FT^3)}$		13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3 & Note 3A)	14. CHEMICAL DESCRIPTION CHEMICAL FORM/ CHELATING AGENT		15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL; OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT		
					ALPHA	BETA-GAMMA		WEIGHT % CHELATING AGENT IF > 0.1%	RADIOLOGICAL DESCRIPTION RADIONUCLIDES					MBq	mCi
													Po-210 2.8009E-02 Ra-226 2.8009E-02 Ra-228 7.7700E-03 Sr-90 5.8460E-03 Th-228 7.7700E-03	7.5700E-04 7.5700E-04 2.1000E-04 1.5800E-04 2.1000E-04	
													Th-230 2.8009E-02 Th-232 7.7700E-03 Th-234 3.7740E-01 U-234 3.7740E-01 U-235 3.6556E-02	7.5700E-04 2.1000E-04 1.0200E-02 1.0200E-02 9.8800E-04	
													U-238 3.7740E-01 Subtotal 1.3625E+00 Total 1.3625E+00	1.0200E-02 3.6824E-02 3.6824E-02	
04-0350-06/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.1181	45.3592	0.025	NP	NP	59-INCINERABLE DRY WASTE-H	0.1181	100		PAPER PLASTIC GLASS/NP	0.00	Cs-137 1.2284E-03 Pb-210 8.4730E-03 Po-210 8.4730E-03 Ra-226 8.4730E-03 Ra-228 6.3640E-03	3.3200E-05 2.2900E-04 2.2900E-04 2.2900E-04 1.7200E-04	AU
		4.1000	100.0000	0.025	NP	NP		4.1000					Sr-90 2.3347E-04 Th-228 6.3640E-03 Th-230 8.4730E-03 Th-232 6.3640E-03 Th-234 6.3270E-01	6.3100E-06 1.7200E-04 2.2900E-04 1.7200E-04 1.7100E-02	
													U-234 6.3270E-01 U-235 2.7898E-02 U-238 6.3270E-01 Subtotal 1.9804E+00	1.7100E-02 7.5400E-04 1.7100E-02 5.3526E-02	
													Total 1.9804E+00	5.3526E-02	
04-0350-07/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.2124	90.7185	0.025	NP	NP	59-INCINERABLE DRY WASTE-H	0.2124	100		PAPER PLASTIC GLASS/NP	0.00	Co-60 3.7370E-03 Cs-137 3.8480E-04 Sr-90 6.9190E-05	1.0100E-04 1.0400E-05 1.8700E-06	AU
		7.5000	200.0000	0.025	NP	NP		7.5000					Subtotal 4.1910E-03	1.1327E-04	
													Total 4.1910E-03	1.1327E-04	

**UNIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST**

ADCO SERVICES, INC.

2. MANIFEST NUMBER
04-0350 L

3. PAGE 4 OF 4 PAGE(S)

DISPOSAL CONTAINER DESCRIPTION		CONTAINER AND WASTE DESCRIPTION (CONTINUATION)								WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER					16. WASTE CLASSIFICATION AS-Class A Stable AU-Class A Unstable B-Class B C-Class C	
5. CONTAINER IDENTIFICATION NUMBER / SC PERMIT	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m ³) (ft ³)	8. WASTE AND CONTAINER WEIGHT (kg) (LB)	9. SURFACE RADIATION LEVEL (mSv/hr) (rem/hr)	10. SURFACE CONTAMINATION (MBq/100 cm ²) (dpm/100 cm ²)		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m ³) (FT ³)		13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3 & Note 3A)	14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION			
					ALPHA	BETA-GAMMA		WEIGHT % CHELATING AGENT IF >0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL, OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT							
													RADIOISOTOPES		MBq	mCi
04-0350-08/NA 1908 INNERBELT BUSINESS CENTER DRIVE ST. LOUIS, MO 63114	4	0.1161	45.3592	0.0504	NP	NP	25-J	0.1161	100	AQUEOUS LIQUID/NP	0.00	Am-241 Cs-137 Sr-90 Th-234 U-234	1.9499E+00	5.2700E-02	NA	
		4.1000	100.0000	.04	NP	NP		4.1000	6.9190E-03 6.8080E-02 6.8080E-02				1.8700E-04 1.8400E-03 1.8400E-03			
												U-235 U-238	3.4077E-03 6.8080E-02	9.2100E-05 1.8400E-03		
												Subtotal	2.2029E+00	5.9539E-02		
												Total	2.2029E+00	5.9539E-02		
Shipment Totals		1.8359	566.9905										4.6888E+01	1.2673E+00		
		64.8300	1250.0000													

ATTACHMENT B

BILL OF LADING
(SAMPLE RETURN TO ROCKY FLATS)

Shipper # 10504

Carrier No. _____


Date 10/5/04

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

TO: Consignee: US Department of Energy On collect or Delivery Shipments, the letters "COD" must appear before consignor's name or as otherwise provided in Item 430, Sec. 1. Street: Rocky Flats Environmental Technology Site 10808 Highway 93, Unit B Destination: Golden, CO 80403-8200	FROM: Shipper: Maxim Technologies Street: 1908 Innerbelt Business Center Drive Origin: St. Louis, MO 63114
---	--

Route:			Vehicle Number	
No. of Units & Container Type	HM	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and Identification Number per 172.101, 172.202, 172.203)	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to correction)
1 x 30 gallon Type A Pkg.	x	Radioactive Material, low specific activity (LSA II), 7, UN 3321, Fissile Excepted Isotopes: Pu238, Pu239, Pu240, Pu241, Am241 Activity: 14.869 MBq	4.1 cu ft	108 lbs
		Radioactive White-I Labels Applied		
		ERG # 162		

PLACARDS TENDERED: No

Shipper Certification: I hereby declare that the contents of this consignment are fully and accurately described by shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to applicable international and national government regulations.  _____ Signature ON BEHALF OF MAXIM TECHNOLOGIES	EXCLUSIVE USE: No 24 Hour Emergency Contact Information: Telephone Number: <u>303-966-4337</u> Contact: <u>303-435-3302</u>
---	--

SHIPPER: <u>Maxim Technologies</u> PER: <u>Bill C.</u> <small>ON BEHALF OF MAXIM TECHNOLOGIES</small> DATE: <u>10/5/04</u>	CARRIER: <u>R + R Trucking</u> PER: <u>Vernon La Roche</u> DATE: <u>10-5-04</u>
---	--

Shipment Contents:

Net Wt.: 3769 grams

Activity:

Pu-238 - 2.94 microCi/ 1.09E-01 MBq

Pu-239 - 1.33E+02 microCi/ 4.92 MBq

Pu-240 - 2.97E+01 microCi/ 1.10 MBq

Pu-241 - 1.56E+02 microCi/ 5.79 MBq

Am-241 - 7.97E+01 microCi/ 2.95 MBq

Material is contaminated soil/sludge.

Material will be shipped in a 30 gallon DOT 7A container, as LSA-II (UN3321); Radioactive White - I; Fissile Exempt; less than RQ.

ATTACHMENT C

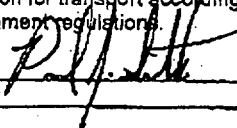
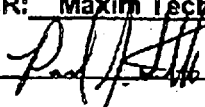
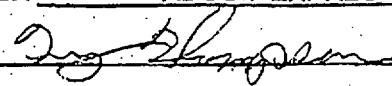
BILL OF LADING
(RADIOACTIVE SOURCE DISPOSAL)

Shipper # 04-5082

Carrier No. _____

Date 9-28-04

STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

TO: Consignee: ADCO SERVICES, INC. On collect or Delivery Shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.		FROM: Shipper: Maxim Technologies		
Street: 17650 DUVAN DRIVE		Street: 1908 Innerbelt Business Center Drive		
Destination: TINLEY PARK, IL 60477		Origin: St. Louis, MO 63114		
Route:		Vehicle Number:		
No. of Units & Container Type	HM	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and Identification Number per 172.101, 172.202, 172.203)	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to correction)
1 x 10-gallon Type A Pkg.	x	Radioactive Material, Type A package, 7., UN 2915	1.4 cu ft	25 lbs
		Isotopes: Ni63		
		Activity: 185 mBq (5.0 mCi)		
		Surface Reading: .03 mR/hr		
		TI: N/A		
		Radioactive Label Applied: WHITE I		
		ERG # 163		
PLACARDS TENDERED: NO				
Shipper Certification: I hereby declare that the contents of this consignment are fully and accurately described by shipping name and are classified, packaged, marked and labeled, and are in all respects in proper condition for transport according to applicable international and national government regulations.  _____ Signature		EXCLUSIVE USE: YES 24 Hour Emergency Contact Information: Telephone Number: <u>1-800-451-8346</u> Contact: <u>3E Company</u>		
SHIPPER: <u>Maxim Technologies</u> PER:  DATE: <u>9-28-04</u>		CARRIER: <u>ADCOM EXPRESS, INC.</u> PER:  DATE: <u>9-28-04</u>		

received
 10-1-04
 Paul Christman

ATTACHMENT D

NMMSS BALANCE RECONCILIATION
INFORMATION

Paul Smith

From: Fritz Strydom [fstrydom@nacintl.com]
Sent: Tuesday, June 01, 2004 6:56 AM
To: Paul Smith
Subject: RE: NMMSS Balance Reconciliation - XPO

Mr. Smith,



We received the signed forms and the transactions have been processed. Your NMMSS balance is now reconciled and has been set to zero for all reportable materials. Thank you.

Best regards,

Fritz Strydom

Johannes "Fritz" Strydom
Consultant
NAC International
678-328-1258 Fax 678-328-1458
fstrydom@nacintl.com
<<http://www.nacworldwide.com>>
<<http://www.1nuclearplace.com>>



pic32662.gif

Paul Smith <Psmith@maximusa.com>

Paul Smith <Psmith@maximusa.com>

05/27/2004 05:48 PM



grayool.gif

'Fritz Strydom' <fstrydom@nacintl.com>

To

cc

U. S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
NUCLEAR MATERIAL TRANSACTION REPORT

(5-2002) Previous editions are obsolete

MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 83-703, 93-438, 95-91

1. SHIPPER'S RIS	2. RECEIVER'S RIS	3. TRANSACTION NO.	4. CORRECTION NO.	5. PROCESS CODE	6. ACTION CODE	COPIES	
XPO	XPO	040315		SHIPPER A	M	1	
				RECEIVER		2	
8.A. NAME/ADDRESS OF SHIPPER	B. LIC NO.	9.A. NAME/ADDRESS OF RECEIVER	B. LIC. NO.	10. NO. OF DATA LINES	3	11. NATURE OF TRANS.	3
				12. A. SHIPPED FOR ACCT OF		13. A. SHIPPED TO ACCT OF	4
				B. RIS XPO		B. RIS XPO	5
							6
							7
							8
							9
14. TRANSFER AUTHORITY - CONTRACT, NM DRAFT, OR ORDER NUMBER 1				15. EXPORT OR IMPORT TRANSFERS: A. LICENSE NO.			
				B. U.S. PORT EXIT/ENTRY			
16. MATERIAL TYPE AND DESCRIPTION				22. ACTION DATE			
				MONTH DAY YEAR			
				A. SHIPMENT 3 15 2004			
				B. SHIPPER'S CORRECTION			
				C. RECEIPT			
				D. RECEIVER'S MEASUREMENT			
				E. RECEIVER'S CORRECTION			
23. A. MISCELLANEOUS							
B. CONCISE NOTE ATTACHED YES X NO				24. TOTAL GROSS WEIGHT 0			
C. CONCISE NOTE ATTACHED YES NO X				25. TOTAL VOLUME 0			
D. UK REPORTABLE? YES NO X							

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. -18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OF AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

U. S. DEPARTMENT OF ENERGY AND U.S. NUCLEAR REGULATORY COMMISSION
NUCLEAR MATERIAL TRANSACTION REPORT

(5-2002) Previous editions are obsolete

MANDATORY DATA COLLECTION AUTHORIZED BY 10 CFR 30, 40, 50, 70, 72, 74, 75, 150, Public Laws 83-703, 93-438, 95-91

TRANSFER SERIES																			
SHP RIS		RCV RIS		TRANS NO.		CORR NO.													
XPO		XPO		040315															
B R	LN	TYP	IDENTIFICATION	NO.	PROJECT	MT	COMP	P	O	COUNTRY	K	MEAS.			WEIGHT %		ISOTOPE		
A E	NO	OF	(BATCH NAME)	OF	NUMBER		CODE	C	C	CONTROL	M	IDENT.			ISOTOPE				
C F	INV			ITEMS						NUMBER	P	K.			ELEMENT				
K E	CHG																		
R										OBL CNTY	1	2	3	WEIGHT	LOE			WEIGHT	LOE
A.	B.	C.	D.	E.	F.	G.	H.	I.	J.	B	OMP	M		N.	O.	P.		Q.	R.
	1	54	MISC SHIPMENT	0	GEW05H3080	10	291	G						11.00	0	0.3640		0.00	0
	2	54	MISC SHIPMENT	0	FNN600301S	20	776	G						10943.00	0	0.8000		86.00	0
	3	54	MISC SHIPMENT	0	FNN600301S	81	776	G						8.00	0	0.0000		0.00	0

26.S. SHIPPER'S DATA

SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED *Paul J. Smith* / 05-24-2004

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. -18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OF AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

U. S. DEPARTMENT OF ENERGY
AND
U. S. NUCLEAR REGULATORY COMMISSION

OMB Control No.
1910-1800

(10-88)
MANDATORY DATA COLLECTION
AUTHORIZED BY 10 CFR 20, 40, 50
70, 75, 150, Public Laws 83-703,
93-438, 95-91

CONCISE NOTE

Public Reporting Notice
Disclosure on Back

1. Name			2. ATTACHMENT TO a. <input checked="" type="checkbox"/> DOE/NRC 741 b. DOE/NRC 742 c. DOE/NRC 742C			3. RIS		4. REPORTING PERIOD	
STREET ADDRESS			5. TRANSACTION DATA			FROM		TO	
CITY STATE ZIP CODE			a. SHIPPER'S RIS	b. RECEIVERS RIS	c. TRANS NO	d. CORR NO	e. PC	f. AC	g. DATA CODE
			IPO	IPO	040315		A	M	6
8a. LINE NO.			b. ENTRY REFERENCE		c. TEXT OF CONCISE NOTE				
WHOLE REPORT			01		TASK 8, CORRECTING INVENTORY TO REFLECT				
WHOLE REPORT			02		NO NATURAL, ENRICHED, DEPLETED URANIUM				
WHOLE REPORT			03		IN INVENTORY. ALL MATERIAL RETURNED TO				
WHOLE REPORT			04		FERNALD CLOSURE PROJECT OR SHIPPED OUT				
WHOLE REPORT			05		AS WASTE.				
9. SIGNATURE (See instructions for provisions regarding confidentiality.)			10. TITLE			11. DATE			
<i>Paul J. Little</i>			RSO, Maxim - St. Louis			5/24/04			

To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.

18. U.S.C., SECTION 1001, ACT OF JUNE 25, 1948, 62 STAT. 749, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

Align top of FedEx Shipping Label or ASTRA Label here.

FedEx

PRIORITY OVERNIGHT

TUE

emp: 365418 22NOV04

Deliver By:
23NOV04

TRK# 8431 2431 6918

FORM
0215

A2

60532 -IL-US

ORD
NC ENLA

Customer: Seal only when using a FedEx Ship



FedEx USA Airbill
Express

FedEx Tracking Number

8431 2431 6918

1 From This portion can be removed for Recipient's records

Date 11-22-2004
FedEx Tracking Number 843124316918

Sender's Name PAUL SAATH
Phone

Company

Address

City State ZIP

RECIPIENT: PEEL HERE

2 Your Internal Billing Reference

3 To Recipient's Name PATRICIA PELKE
Phone 202 829-1918

Company U.S. Nuclear Regulatory Commission / Region III

Address 713 WANNENVILLE RD., STE 210
To "HOLD" at FedEx location, print FedEx address.
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

City LISLE State IL ZIP 60532-4252



Recipient's Copy

4a Express Package Service

FedEx Priority Overnight Next business morning
 FedEx Standard Overnight Next business afternoon
 FedEx 2Day Second business day
 FedEx Express Saver Third business day
FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service

FedEx 1Day Freight* Next business day
 FedEx 2Day Freight Second business day
 FedEx 3Day Freight Third business day

5 Packaging
 FedEx Envelope*
 FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
 Other

6 Special Handling
 SATURDAY Delivery Available only for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
 HOLD Weekday at FedEx Location Not available for FedEx First Overnight
 HOLD Saturday at FedEx Location Available only for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods?
 No
 Yes As per attached Shipper's Declaration
 Yes Shipper's Declaration not required
Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.
 Dry Ice Dry Ice, 9, UN 1845 x kg
 Cargo Aircraft Only

7 Payment Bill to:
 Sender Acct. No. in Section 1 will be billed.
 Recipient
 Third Party
 Credit Card
 Cash/Check

Total Packages
Total Weight
Total Charges
Credit Card Auth

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.
Questions? Visit our Web site at fedex.com
or call 1.800.Go.FedEx® 800.463.3339

447

SCAITHY

NO STICKS NEEDED. Stick for e-mail application instructions.