

### CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects@nrc.gov](mailto:infocollects@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), 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.

LICENSEE NAME AND ADDRESS  
Environmental Protection Agency  
New England Regional Laboratory  
11 Technology Drive  
N. Chelmsford, MA 01863-2431

LICENSE NUMBER: 20-14039-01  
DOCKET NUMBER: 030-07623  
LICENSE EXPIRATION DATE: March 31, 2013

**A. LICENSE STATUS (Check the appropriate box)**  
 This license has expired.  This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**  
(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)  
The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.

2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:

a. Transfer of radioactive materials to the licensee listed below: **Conversion to General licensing**

b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor: **H<sub>3</sub> Tritium foild by:**  
**NSSI/Sources & Services, Inc.**  
**5711 Etheridge Street, Houston, TX 77087**

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

RECEIVED  
REGION I  
2005 JUN 15 PM 1:29

**C. SURVEYS PERFORMED AND REPORTED**

1. A radiation survey was conducted by the licensee. The survey confirms:

a. the absence of licensed radioactive materials

b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

a. The results of the latest leak test are attached; and/or  b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME: John Desmond	TITLE: Radiation Safety Officer	TELEPHONE (include Area Code): 617-918-8338	E-MAIL ADDRESS: <a href="mailto:desmond.john@epa.gov">desmond.john@epa.gov</a>
--------------------	---------------------------------	---	--

Mail all future correspondence regarding this license to:  
U.S. EPA, Region I, 11 Technology Drive, N. Chelmsford, MA 01863-2431

**C. CERTIFYING OFFICIAL**  
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE: John C. Desmond, Radiation Safety Officer, OEME	SIGNATURE: <i>John C. Desmond</i>	DATE: 6/10/2005
---	-----------------------------------	-----------------

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 RESPECT. 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 JURISDICTION.

90 Brookfield Street  
South Windsor, CT 06074  
(860) 528-9500  
(860) 289-0138 (Fax)

*Environmental Services, Inc. / Wilchek Associates, Inc.*

To: John Desmond Fax: 617-918-8397

Co: U.S. EPA Date: 12/16/02

From: Seb Cannata Pages (Inc. cover): 3

Re: Quote

Urgent  For Review  Please Comment  Please Reply  Please Recycle

2005 JAN 15 PM 1:29

RECEIVED  
REGION I

Notes:

Disposal of  
H<sub>3</sub>  
Tritium foils

Sent by: BM

BECAUSE OUR KIDS NEED  
A WORLD TO LIVE IN

**E****Environmental Services, Inc.**

90 Brookfield Street South Windsor, CT 06074-1262 (860) 528-9500 (860) 289-0138 (fax)

WWW.E-S-I.COM

December 12, 2002

Mr. John Desmond  
United States Environmental Protection Agency  
11 Technology Drive  
North Chelmsford, MA 01863

RE: Radioactive Material Disposal  
E.S.I. Quote # 2002-421

Dear Mr. Desmond,

I am pleased to offer the following quote for the disposal of the following material at your facility:

- (4) 200 mCi H<sup>3</sup> Sources
- ¼ lb. Uranyl Acetate
- 10 mCi CD-109
- 24 mCi Am-241

**Pricing includes the following services:**

- Supplying NRC licensed Health Physicist to remove sources from instrument
- Stabilization and Packaging of material for transport
- Container Survey
- Preparation of NRC 540, 541 manifest
- Preparation of Bill of Lading for Americium
- Transport and Disposal
- Certificate of Destruction for material other than Americium
- Certificate of "Transfer of Ownership".

**Conditions of Project:**

- Terms: Net 30 days
- Executed E.S.I. Field Service Agreement prior to start of project
- Purchase Order (if utilized).

**Project Pricing:**

Travel, On-site Packaging .....	\$ 730.00
Supplies & Radiation Detection Instrumentation	
Disposal (H <sup>3</sup> , Cd <sup>109</sup> , Uranyl Acetate).....	\$ 4,715.00
Health Physicist .....	\$ 4,200.00
Recycling / Disposal Am-241.....	\$ 5,635.00
<b>Project Total.....</b>	<b>\$15,280.00</b>

Thank you for the opportunity to quote on your project.

Sincerely,



Seb Cannata  
Manager, Radiological Services



**NSSI/RECOVERY SERVICES, INC.**  
**BOX 34042**  
**HOUSTON, TX 77234**  
**TEL 713 641-0391 FAX 713 641-6153**

**SUPPLEMENTAL RADIOACTIVE WASTE PROFILE FORM**

Generator	US EPA / EPA NEW ENGLAND	Phone	617 918 - 8336
Address	OFFICE OF ENVIRONMENTAL MEASUREMENT	Fax	
	11 TECHNOLOGY DR.	E-mail	
City	N CHELMSFORD	State	MA
		Zip	01863
		USEPA ID No.	

DRUM NO.	WASTE TYPE	CONT SIZE (gal)	WASTE STREAM NAME	NUCLIDE	TOTAL ACTIVITY mCi	CONCENTRATION (As applicable)	
						uCi/milliliter	uCi/gram
140534	09	5	TRITIUM FOILS (4)	H-3	292.74		

THE ABOVE LISTED WASTE MATERIAL(S) ARE LIQUID SCINTILLATION OR ANIMAL TISSUE, OR WERE GENERATED FROM IN-VITRO OR IN-VIVO LABORATORY TESTING OR RESEARCH ACTIVITIES.

**WASTE TYPES:**

- |                                  |                          |
|----------------------------------|--------------------------|
| 02. SCINTILLATION VIALS          | 07. DRY NON-COMPACTED    |
| 02P. SCINTILLATION PLATES/PAPERS | 07C. DRY COMPACTED       |
| 02B. BULK SCINTILLATION LIQUID   | 07N. DRY NON-COMPACTABLE |
| 03. BACTEC VIALS                 | 08. ANIMAL CARCASS       |
| 04. BULK ORGANIC LIQUID          | 09. SEALED SOURCES       |
| 05. BULK AQUEOUS LIQUID          | 10. LABPACKED CONTAINERS |
| 06. URANIUM/THORIUM COMPOUNDS    | 99.                      |

AUTHORIZED SIGNATURE	DATE	
TITLE <i>US EPA New Eng</i>	<i>02/26/03</i>	
<i>Dr. F. B. ...</i>		
<i>DRSO</i>		

RADPROF.WPD

## NSSI/RECOVERY SERVICES, INC. WASTE PROFILE FORM

P.O. BOX 34042 HOUSTON, TX 77234 TEL 713-641-0391 FAX 713-641-6153 TXD 982560294 TX REG. 38669

<b>GENERATOR NAME</b> <u>US EPA (NEW ENGLAND)</u> <b>FACILITY ADDRESS</b> <u>11 TECHNOLOGY DR.</u> <u>NORTH CHELMSFORD, MA 01863 - 2431</u> <b>CONTACT</b> <u>JOHN DRSMOND</u> <b>PHONE</b> <u>617 918 - 8336</u> <b>FAX</b> _____ <b>USEPA ID. NO.</b> _____ <b>STATE ID NO.</b> _____	<b>BROKER NAME</b> <u>RADIAC RESEARCH COPR.</u> <b>BROKER ADDRESS</b> <u>261 KENT AVENUE</u> <u>BROOKLYN, NY 11211</u> <b>CONTACT</b> <u>JOSEPH SPEKTOR</u> <b>PHONE</b> <u>(718) 963 - 2233</u> <b>FAX</b> <u>(718) 388 - 5107</u> <b>US EPA ID No.</b> <u>NYD049178296</u> <b>STATE ID</b> <u>TX84404</u>
<b>WASTE STREAM NAME</b> _____	<b>PROCESS GENERATING WASTE</b> _____

### PHYSICAL CHARACTERISTICS OF WASTE

<b>COLOR</b> _____	<b>ODOR</b> <input type="checkbox"/> NONE <input checked="" type="checkbox"/> MILD <input type="checkbox"/> <input type="checkbox"/> STRONG <b>DESCRIBE</b> <input type="checkbox"/>	<b>PHYSICAL STATE @ 70 DEG F</b> <input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SLUDGE <input type="checkbox"/> LIQUID <input type="checkbox"/> POWDER	<b>LAYERS</b> <input checked="" type="checkbox"/> HOMOGENOUS <input type="checkbox"/> BI <input type="checkbox"/> MULTILAYERED
<b>FREE LIQUIDS</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>pH</b> <input checked="" type="checkbox"/> N/A <input type="checkbox"/> <2 <input type="checkbox"/> 2.1-4 <input type="checkbox"/> 4-7 <input type="checkbox"/> 7-10 <input type="checkbox"/> 10-12.4 <input type="checkbox"/> >12.5	<b>SPECIFIC GRAVITY</b> <input checked="" type="checkbox"/> N/A <input type="checkbox"/> RANGE	<b>FLASH POINT</b> <b>CLOSED</b> _____ <b>OPEN CUP</b> _____ <b>NO FLASH</b> <input checked="" type="checkbox"/>

### CHEMICAL COMPOSITION (TOTAL MUST ADD TO 100%) ATTACH ANALYTICAL AND SPECIAL INFORMATION

TRITIUM FOILS _____	%	_____	%	_____	%	_____
_____	%	_____	%	_____	%	_____
_____	%	_____	%	_____	%	_____

**METALS [TOTAL (PPM)]**  TCLP (MG/L)  ANALYTICAL(ATTACHED)  GENERATOR KNOWLEDGE

ARSENIC <u>NP</u>	BARIUM <u>NP</u>	CADMIUM <u>NP</u>	CHROMIUM <u>NP</u>
CHROMIUM-HEX <u>NP</u>	LEAD <u>NP</u>	MERCURY <u>NP</u>	SELENIUM <u>NP</u>
SILVER <u>NP</u>	COPPER <u>NP</u>	NICKEL <u>NP</u>	ZINC <u>NP</u>
THALLIUM <u>NP</u>			

### OTHER COMPONENTS [ TOTAL (PPM)] ANALYTICAL (ATTACHED) GENERATOR KNOWLEDGE

CYANIDES <u>NP</u>	SULFIDES <u>NP</u>	PCB'S <u>NP</u>	PHENOLICS <u>NP</u>
CHLORIDES <u>NP</u>	FLUORIDES <u>NP</u>	PHOSPHATES <u>NP</u>	NA+/K+ <u>NP</u>

### HAZARDOUS CHARACTERISTICS USEPA HAZARDOUS WASTE STATE HAZARDOUS WASTE

REACTIVITY:	NONE <input checked="" type="checkbox"/>	PYROPHORIC <input type="checkbox"/>	SHOCK SENSITIVE <input type="checkbox"/>	EXPLOSIVE <input type="checkbox"/>	WATER REACTIVE <input type="checkbox"/>	OTHER _____
OTHER HAZARDS:	NONE <input type="checkbox"/>	RADIOACTIVE <input checked="" type="checkbox"/>	ETIOLOGICAL <input type="checkbox"/>	PESTICIDE <input type="checkbox"/>	OTHER _____	
EPA WASTE CODES:	<u>NA</u>			STATE WASTE CODES:	_____	

### SHIPPING INFORMATION DOT HAZARDOUS MATERIAL

SHIPPING DESCRIPTION: <u>Radioactive mat.- excepted pkg-ltd qty</u>	HAZARD CLASS <u>7</u>	UN/NA NO. <u>2910</u>	R.Q. <input type="checkbox"/>
SHIPPING METHOD <u>TRUCK</u>	DRUM (TYPE/SIZE) <u>5-GAL</u>	BULK LIQUID <input type="checkbox"/>	BULK SOLID <input type="checkbox"/>
ANTICIPATED VOLUME: _____	GALS _____	CUBIC YARDS _____	OTHER _____
FREQUENCY:	ONE TIME <input checked="" type="checkbox"/>	WEEK <input type="checkbox"/>	MONTH <input type="checkbox"/>
		QUARTER <input type="checkbox"/>	YEAR <input type="checkbox"/>

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS COMPLETE AND ACCURATE, WITH DISCLOSURE OF ALL KNOWN OR SUSPECTED HAZARDS.

AUTHORIZED SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ PRO/CHEM.DOC

TEXAS NATURAL RESOURCE  
CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087



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

Form approved. OMB No. 2050-0039.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.	Manifest Document No. 040006	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address US EPA (EPA New England) 11 Technology Dr, N Chelmsford, MA 01863		4. Generator's Phone (617) 918-8336		A. State Manifest Document Number 00000159			
5. Transporter 1 Company Name Radac Research Corp.		6. US EPA ID Number WV.D.049178996		B. State Generator ID			
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter ID			
9. Designated Facility Name and Site Address NSSI, Sources & Services 5711 Ethandoc St Houston TX 77087		10. US EPA ID Number TX.D.982560294		D. Transporter's Phone 713-963-2135			
				E. State Transporter ID			
				F. Transporter's Phone			
				G. State Facility ID TX 38669			
				H. Facility's Phone 713-641-0391			
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol		
	a. Radioactive Material - excepted pkg - 100 lbs (Qty of Material 7, UN 2910 (Tortuga fuel))		Y 1 DM X X	5	G		
	b.						
	c.						
	d.						
J. Additional Descriptions for Materials Listed Above a) OUTS - 0011				K. Handling Codes for Wastes Listed Above (8)			
15. Special Handling Instructions and Additional Information Emergency Contact: (Houston) 800-424-9400 See attached NDC manifest.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name John C. Desmond		Signature John C. Desmond		Month Day Year 10 26 92			
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Marko Alonso		Signature Marko Alonso		Date 10 26 92	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name		Signature		Date Month Day Year			

*Shiffer*

<b>FORM 540</b> <b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST</b> <b>SHIPPING PAPER</b>		<b>RADIAC RESEARCH CORP.</b>		<b>5. SHIPPER - NAME AND FACILITY</b> US EPA MA 11 TECHNOLOGY DR. N CHELMSFORD, MA 01863		<b>SHIPMENT I.D. NUMBER</b> NA		<b>7. FORM 540 AND 540A</b> PAGE 1 OF 1      PAGE(S) FORM 541 AND 541A      1      PAGE(S) FORM 542 AND 542A      None      PAGE(S) ADDITIONAL INFORMATION      None      PAGE(S)		<b>8. MANIFEST NUMBER</b> (Use this number on all continuation pages) <b>RAD-64666</b>								
<b>1. EMERGENCY TELEPHONE NUMBER</b> (Include Area Code) (800) 424 - 9300		<b>US EPA ID No.</b> ESQG		<b>SHIPMENT NUMBER</b> NA		<input checked="" type="checkbox"/> <b>COLLECTOR</b> <input type="checkbox"/> <b>PROCESSOR</b> <input checked="" type="checkbox"/> <b>GENERATOR TYPE</b> (Specify) G		<b>9. CONSIGNEE - Name and Facility Address</b> <b>NSSI / SOURCES &amp; SERVICES, INC</b> <b>5711 ETHERIDGE STREET</b> <b>HOUSTON, TX 77087</b>		<b>CONTACT</b> <b>ROBERT D. GALLAGHER</b>  <b>TELEPHONE NUMBER</b> (Include Area Code) <b>(713) 641-0391</b>								
<b>ORGANIZATION</b> CHEMTREC		<b>CONTACT</b> JOHN DESMOND		<b>TELEPHONE NUMBER</b> (Include Area Code) 617 818 - 8336		<b>EPA I.D. NUMBER</b> NYD049178296		<b>SIGNATURE - Authorized consignee acknowledging waste receipt</b>		<b>DATE</b>								
<b>2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		<b>3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST</b> 1		<b>6. CARRIER - Name and Address</b> RADIAC RESEARCH CORP.      Truck #: 261 KENT AVE.      Trailer #: BROOKLYN, NY 11211		<b>SHIPPING DATE</b> NA		<b>10. CERTIFICATION</b> 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.										
<b>4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?</b> If "Yes," provide Manifest Number		<b>EPA MANIFEST NUMBER</b> NA <i>TX 02809159</i>		<b>CONTACT</b> ARTHUR GREEN		<b>TELEPHONE NUMBER</b> (Include Area Code) 718 963 - 2233		<b>DATE</b> <i>2/24/03</i>		<b>AUTHORIZED SIGNATURE</b> <i>John Desmond</i>		<b>TITLE</b> <i>US EPA New Employee</i>		<b>DATE</b> <i>2/26/03</i>				
<b>11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION</b> (Including proper shipping name, hazard class, UN ID number, and any additional information)			<b>12. DOT LABEL "RADIOACTIVE"</b>		<b>13. TRANSPORT INDEX</b>		<b>14. PHYSICAL AND CHEMICAL FORM</b>		<b>15. INDIVIDUAL RADIONUCLIDES</b>		<b>16. TOTAL PACKAGE ACTIVITY</b> MBq      mCi		<b>17. LSA/SCO CLASS</b>		<b>18. TOTAL WEIGHT OR VOLUME</b> (Use appropriate units)		<b>19. IDENTIFICATION NUMBER OF PACKAGE</b>	
Radioactive material, excepted package-limited quantity of material, 7, UN2910 / TRITIUM FOIL			NA		NA		Solid FOIL		H-3		1.0831E+04      2.9274E+02		NA		10. LBS; 5. GAL		140534	
<b>FOR CONSIGNEE USE ONLY</b>										<b>20.</b>								

<b>FORM 541</b>  <b>RADIAC RESEARCH CORP.</b>  <b>UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST</b>  <b>CONTAINER AND WASTE DESCRIPTION</b>  Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste	<b>1. MANIFEST TOTALS</b>						<b>2. MANIFEST NUMBER</b> <b>RAD-64666</b>	
	SPECIAL NUCLEAR MATERIAL (grams)							
	NUMBER OF PACKAGES/DISPOSAL CONTAINERS	NET WASTE VOLUME	NET WASTE WEIGHT	U-233	U-235	Pu	TOTAL	
	1	m3 0.019	kg 4.54	NP	NP	NP	NP	
		r3 0.668	lb 10.00					
ACTIVITY								
	ALL NUCLIDES	TRITIUM	C-14	Tc-99	I-129	SOURCE		
MBq	1.0831E+04	1.0831E+04	NP	NP	NP	(kgs)	NA	
mCi	2.9274E+02	2.9274E+02	NP	NP	NP	(lbs)	NA	
						<b>SHIPMENT ID NUMBER</b> <b>NA</b>		

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 / GENERATOR ID NUMBER	6. CONTAINER DESCRIPTION (See Note 1) PROCESS REQUESTED (See Note 1A) BURIAL/DISPOSITION (See Note 2A)	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. PHYSICAL DESCRIPTION			14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION			
					ALPHA	BETA-GAMMA	11. WASTE DESCRIPTOR (See Note 2)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)	CHEMICAL FORM/ CHELATING AGENT	WEIGHT % CHELATING AGENT IF >0.1%	INDIVIDUAL RADIONUCLIDES AND ACTIVITY AND CONTAINER TOTAL; OR TOTAL ACTIVITY AND RADIONUCLIDE PERCENT			
											RADIONUCLIDES	MBq		mCi	
140634/USEPA_MA	4	0.019	4.54	<5.0000E-03	<3.3400E-06	<3.3400E-06	36	0.018	NA	FOIL/NP	NP	H-3	1.0831E+04	2.9274E+02	AU
											<b>Subtotal</b>	<b>1.0831E+04</b>	<b>2.9274E+02</b>		
											<b>Total</b>	<b>1.0831E+04</b>	<b>2.9274E+02</b>		
Shipment Totals		0.019	4.54										1.0831E+04	2.9274E+02	
		0.668	10.00	<5.000E-01	<2.000E+02	<2.000E+03		0.668							

**NOTE 1: Container Description Codes.** For containers/waste requiring disposal in approved structural over-packs 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: Process Requested**

C. Compaction
SR. Steam Reforming
DI. Direct Incineration
SI. Sort & Incinerate
D. Decon
G. Green is Clean
M. Metal Melt
T. Trans-Ship
LI. Liquid for Incineration
OI. Oil for Incineration
O. Other (describe)

**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. Compactible 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: Burial/Disposition Site**

B. Barnwell Waste Management Facility
E. Envirocare
R. Richland, WA
PR. Process and Return
O. Other

**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 13. 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	

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type Ni 63 15mCi  
Analyst PEP Model Number Agilent 6890  
Serial Number U5624

RESULTS  
Date of test 14 FEB 2005 nda = no detectable activity < 0.02 nCi  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type Ni 63 15 mCi  
Analyst PEP Model Number Agilent 6890  
Serial Number U5630

RESULTS  
Date of test 14 FEB 2005 nda = no detectable activity < 0.02 nCi  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type CD109, AM241, Fe 55  
Analyst PEP Model Number Niton  
Serial Number U1401

RESULTS  
Date of test 14 FEB 2005 nda = no detectable activity < 0.02 nCi  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR

4

District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/15mCi  
Analyst PEP Model Number HP5890-1  
Serial Number K6030

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR

5

District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/15mCi  
Analyst PEP Model Number HP5890-1  
Serial Number K6112

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR

6

District USEPA REGION I NRC License No. 20-14039-01

SWIPE TEST  
Date 1-14-05 Detector Type Ni63  
Analyst PEP Model Number HP6890-striper  
Serial Number U7304

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

7

SWIPE TEST  
Date 1-14-05 Detector Type Ni63  
Analyst PEP Model Number HP6890-striper  
Serial Number U7305

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

8

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/15mCi  
Analyst PEP Model Number HP5890-3  
Serial Number K6143

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

9

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/15mCi  
Analyst PEP Model Number HP5890-3  
Serial Number K6105

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

10

SWIPE TEST  
Date 1-14-05 Detector Type Ni 63  
Analyst PEP Model Number HP 5890 Plus  
Serial Number K3847

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

11

SWIPE TEST  
Date 1-14-05 Detector Type Ni63 / 10mCi  
Analyst PEP Model Number Shimadzu  
Serial Number 612617

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORR/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
District USEPA REGION I NRC License No. 20-14039-01

12

SWIPE TEST  
Date 1-14-05 Detector Type Cd109/20mCi  
Analyst PEP Model Number SHIMADZU GC14A  
Serial Number 616124

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
NRC License No. 20-14039-01

13

District USEPA REGION I

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/10mCi  
Analyst PEP Model Number SHIMADZU GC8A  
Serial Number 500945

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
NRC License No. 20-14039-01

14

District USEPA REGION I

SWIPE TEST  
Date 1-14-05 Detector Type Ni63/10mCi  
Analyst PEP Model Number SHIMADZU GC8A  
Serial Number 51004

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR  
NRC License No. 20-14039-01

15

District USEPA REGION I

SWIPE TEST  
Date 1-14-05 Detector Type Cd 109 / 10mCi  
Analyst PEP Model Number NITON XL 700  
Serial Number U506NR4736

RESULTS nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

FDA/ORA/DFS/WEAC  
CERTIFICATE OF INSPECTION  
NICKEL 63 DETECTOR

16

District USEPA REGION I      NRC License No. 20-14039-01

-----  
SWIPE TEST                      Detector Type Cd109/20mCi  
Date      1-14-05              Model Number SHIMADZU GC14B  
Analyst      PEP              Serial Number 616120  
-----

RESULTS                              nda = no detectable activity < 0.02 nCi  
Date of test 14 FEB 2005  
Amount of contamination NDA uCi  
Date reported/analyst 15 FEB 2005 DH ERICKSON  
-----

NEXT SWIPE TEST REQUIRED ON JUNE 2005  
COMMENTS ON BACK

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY

REGION I

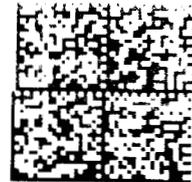
11 TECHNOLOGY DRIVE

NORTH CHELMSFORD, MASSACHUSETTS 01863-2431

*John Desmond CEHE RSO*

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

AN EQUAL OPPORTUNITY EMPLOYER



US OFFICIAL MAIL  
Specially  
For Private Use

\$00.80

06 13 2003

Mailed From  
US POSTAGE

Licensing Assistant Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

This is to acknowledge the receipt of your letter/application dated

6/10/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Termination 20-14089-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

---

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 137220.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

