NRC FORM 314 (6-2004)
10 CFR 30.36(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(j)(1)

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028 EXPIRES: 06/30/2007

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, 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.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS	LICENSE NUMBER	DOCKET NUMBER
Environmental Protection Agency New England Regional Laboratory 11 Technology Drive N. Chelmsford, MA 01863-2431	20-14039-01	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_3 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 1
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	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
John Desmond	Radiation Safety Officer	617-918-8336	desmond.john@epa.gov

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	SIGNATURE	DATE
John C. Desmond, Radiation Safety Officer, OEME	John C Desmond	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./Mitchell 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

RECEIVED
2002 DEC 16 PM 1:29
EPA/REGION 1

Notes:

Disposal of
H_3
Tritium Foils

Sent by : BM

BECAUSE OUR KIDS NEED
A WORLD TO LIVE IN

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^3 Sources**
- ¾ 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 Supplies & Radiation Detection Instrumentation	$ 730.00
Disposal (H^3, Cd^{109}, Uranyl Acetate)	$ 4,715.00
Health Physicist	$ 4,200.00
Recycling / Disposal Am-241	$ 5,635.00
Project Total	**$15,280.00**

Thank you for the opportunity to quote on your project.

Sincerely,

Seb Cannata

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

AUTHORIZED SIGNATURE
TITLE Gus Epp New Eng RSO DATE 02/26/03

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

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

PHYSICAL CHARACTERISTICS OF WASTE

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

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	NP	BARIUM	NP	CADMIUM	NP	CHROMIUM	NP
CHROMIUM-HEX	NP	LEAD	NP	MERCURY	NP	SELENIUM	NP
SILVER	NP	COPPER	NP	NICKEL	NP	ZINC	NP
THALLIUM	NP						

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

CYANIDES	NP	SULFIDES	NP	PCB'S	NP	PHENOLICS	NP
CHLORIDES	NP %	FLUORIDES	NP	PHOSPHATES	NP	NA+/K+	NP

HAZARDOUS CHARACTERISTICS ☐ USEPA HAZARDOUS WASTE ☐ STATE HAZARDOUS WASTE

REACTIVITY:	NONE ☑	PYROPHORIC ☐	SHOCK SENSITIVE ☐	EXPLOSIVE ☐	WATER REACTIVE ☐	OTHER
OTHER HAZARDS:	NONE ☐	RADIOACTIVE ☑	ETIOLOGICAL ☐	PESTICIDE ☐	OTHER	
EPA WASTE CODES:	NA	STATE WASTE CODES:				

SHIPPING INFORMATION ☑ DOT HAZARDOUS MATERIAL

SHIPPING DESCRIPTION:	Radioactive mat.- excepted pkg-ltd qty		HAZARD CLASS: 7	UN/NA NO.: 2910		R.Q.	
SHIPPING METHOD:	TRUCK	DRUM (TYPE/SIZE): 5-GAL		BULK LIQUID ☐		BULK SOLID ☐	
ANTICIPATED VOLUME:		GALS		CUBIC YARDS		OTHER	
FREQUENCY:	ONE TIME ☑	WEEK ☐	MONTH ☐	QUARTER ☐	YEAR ☐		

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_____

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.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 61006 | 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: S 00892159
B. State Generator's ID:
C. State Transporter's ID: TX 76225
D. Transporter's Phone:
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID: TX 38669
H. Facility's Phone: 713-641-0391

5. Transporter 1 Company Name: Radiac Research Corp. | 6. US EPA ID Number: NYD099174996
7. Transporter 2 Company Name | 8. US EPA ID Number
9. Designated Facility Name and Site Address: NSSI, Sources & Services, 5711 Ethridge, Houston TX 77087 | 10. US EPA ID Number: TXD982560894

11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	
	a. Radioactive Material, Excepted Pkg - Ltd Qty of Material, 7, UN2910 (Tritium foil)	Y 1	DM	X X 5	G	
	b.					
	c.					1
	d.					

J. Additional Descriptions for Materials Listed Above: a) DOTS-0001

K. Handling Codes for Wastes Listed Above: (B)

15. Special Handling Instructions and Additional Information: Emergency Contact: Chemtrec 800-424-9300 EPCRA 16: See attached NRC 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.

GENERATOR

Printed/Typed Name: John C. Osmond | Signature | Month 06 Day 26 Year 95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mario Alonso | Signature | Date Month 06 Day 26 Year 95
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date Month Day Year

FACILITY

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

TNRCC-0311 (Rev. 07/01/97) White - original Pink-TSD Facility Yellow-Transporter Green-Generator's first copy

Shiffer

FORM 540 — **RADIAC RESEARCH CORP.**

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER *(Include Area Code)*
(800) 424 - 9300

ORGANIZATION
CHEMTREC

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
[ ] YES
[X] NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST ======> 1

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?
[ ] YES
[X] NO
If "Yes," provide Manifest Number ======>

EPA MANIFEST NUMBER
NA
TX02809159

5. SHIPPER – NAME AND FACILITY
US EPA MA

11 TECHNOLOGY DR.
N CHELMSFORD, MA 01863

US EPA ID No.
ESQG

SHIPMENT NUMBER
NA

CONTACT
JOHN DESMOND

TELEPHONE NUMBER (Include Area Code)
617 918 - 8336

6. CARRIER – Name and Address
RADIAC RESEARCH CORP.
Truck #:
Trailer #:

261 KENT AVE.
BROOKLYN, NY 11211

EPA I.D. NUMBER
NYD049178296

CONTACT
ARTHUR GREEN

SHIPPING DATE
NA

TELEPHONE NUMBER (Include Area Code)
718 963 - 2233

SIGNATURE – *Authorized carrier acknowledging waste receipt*

DATE
2/24/03

SHIPMENT I.D. NUMBER
NA

[ ] COLLECTOR
[ ] PROCESSOR
[X] GENERATOR TYPE *(Specify)* G

7. FORM 540 AND 540A — 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)

8. MANIFEST NUMBER
(Use this number on all continuation pages)
RAD-64666

9. CONSIGNEE - Name and Facility Address
NSSI / SOURCES & SERVICES, INC

5711 ETHERIDGE STREET
HOUSTON, TX 77087

CONTACT
ROBERT D. GALLAGHER

TELEPHONE NUMBER(Include Area Code)
(713) 641-0391

SIGNATURE - *Authorized consignee acknowledging waste receipt*

DATE

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 requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE
John C Desmond

TITLE
Ops Supervisor

DATE
2/26/03

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 / TRITIUM FOIL	NA	NA	Solid FOIL	H-3		1.0831E+04	2.9274E+02	NA	10. LBS; 5. GAL	140534

FOR CONSIGNEE USE ONLY

20.

FORM 540 (10-96)

FORM 541 RADIAC RESEARCH CORP.

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

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

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME	NET WASTE WEIGHT	SPECIAL NUCLEAR MATERIAL (grams) U-233	U-235	Pu	TOTAL
1	m3 0.019 / ft3 0.668	kg 4.54 / lb 10.00	NP	NP	NP	NP

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

2. MANIFEST NUMBER: RAD-64666

3. PAGE 1 OF 1 PAGE(S)

4. SHIPPER NAME: US EPA MA

SHIPMENT ID NUMBER: NA

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
							PHYSICAL DESCRIPTION			14. CHEMICAL DESCRIPTION		15. RADIOLOGICAL DESCRIPTION		
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) (ft3)	8. WASTE AND CONTAINER WEIGHT (kg) (lb)	9. SURFACE RADIATION LEVEL mSv/hr mrem/hr	10. SURFACE CONTAMINATION MBq/100 cm2 dpm/100 cm2 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	
140534/USEPA_MA	4	0.019	4.54	<5.0000E-03	<3.3400E-06	<3.3400E-05	36	0.018	NA	FOIL/NP	NP	H-3	1.0831E+04	2.9274E+02	AU
												Subtotal	1.0831E+04	2.9274E+02	
		0.668	10.00	<5.000E-01	<2.000E+02	<2.000E+03		0.668				Total	1.0831E+04	2.9274E+02	
Shipment Totals		0.019	4.54										1.0831E+04	2.9274E+02	
		0.668	10.000												

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

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

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.

Solidification

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

FORM 541 (10-96)

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

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

1

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni 63 15mCi
Model Number Agilent 6890
Serial Number U5624

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

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

2

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni 63 15 mCi
Model Number Agilent 6890
Serial Number U5630

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

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

3

SWIPE TEST
Date 1-14-15
Analyst PEP

Detector Type CD109, AM241, Fe 55
Model Number Niton
Serial Number U1401

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

4

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni63/15mCi
Model Number HP5890-1
Serial Number K6030

RESULTS
nda = no detectable activity < 0.02 nCi
Date of test 14FEB2005
Amount of contamination NDA uCi
Date reported/analyst 15FEB2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE2005
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
Analyst PEP

Detector Type Ni63/15mCi
Model Number HP5890-1
Serial Number K6112

RESULTS
nda = no detectable activity < 0.02 nCi
Date of test 14FEB2005
Amount of contamination NDA uCi
Date reported/analyst 15FEB2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE2005
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
Analyst PEP

Detector Type Ni63
Model Number HP6890-striper
Serial Number U7304

RESULTS
nda = no detectable activity < 0.02 nCi
Date of test 14FEB2005
Amount of contamination NDA uCi
Date reported/analyst 15FEB2005 DH ERICKSON

NEXT SWIPE TEST REQUIRED ON JUNE2005
COMMENTS ON BACK

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

7

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

SWIPE TEST
Date 1-4-05
Analyst PEP

Detector Type Ni63
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/ORA/DFS/WEAC
CERTIFICATE OF INSPECTION
NICKEL 63 DETECTOR

8

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

SWIPE TEST
Date 1-14-05
Analyst BB

Detector Type Ni63/15mCi
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/ORA/DFS/WEAC
CERTIFICATE OF INSPECTION
NICKEL 63 DETECTOR

9

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni63/15mCi
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/ORA/DFS/WEAC
CERTIFICATE OF INSPECTION
NICKEL 63 DETECTOR

10

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni 63
Model Number HP 5890 Plus
Serial Number K3847

RESULTS
Date of test 14 FEB 2005
Amount of contamination NDA uCi
Date reported/analyst 15 FEB 2005 DH ERICKSON

nda = no detectable activity < 0.02 nCi

NEXT SWIPE TEST REQUIRED ON JUNE 2005
COMMENTS ON BACK

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

11

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

SWIPE TEST
Date 1-14-05
Analyst RP

Detector Type Ni63 / 10mCi
Model Number Shimadzu
Serial Number 612617

RESULTS
Date of test 14 FEB 2005
Amount of contamination NDA uCi
Date reported/analyst 15 FEB 2005 DH ERICKSON

nda = no detectable activity < 0.02 nCi

NEXT SWIPE TEST REQUIRED ON JUNE 2005
COMMENTS ON BACK

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

12

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Cd109/20mCi
Model Number SHIMADZU GC14A
Serial Number 616124

RESULTS
Date of test 14 FEB 2005
Amount of contamination NDA uCi
Date reported/analyst 15 FEB 2005 DH ERICKSON

nda = no detectable activity < 0.02 nCi

NEXT SWIPE TEST REQUIRED ON JUNE 2005
COMMENTS ON BACK

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

13

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni63/10mCi
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

14

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Ni63/10mCi
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

15

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Cd 109 / 10mCi
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

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

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

SWIPE TEST
Date 1-14-05
Analyst PEP

Detector Type Cd109/20mCi
Model Number SHIMADZU GC14B
Serial Number 616120

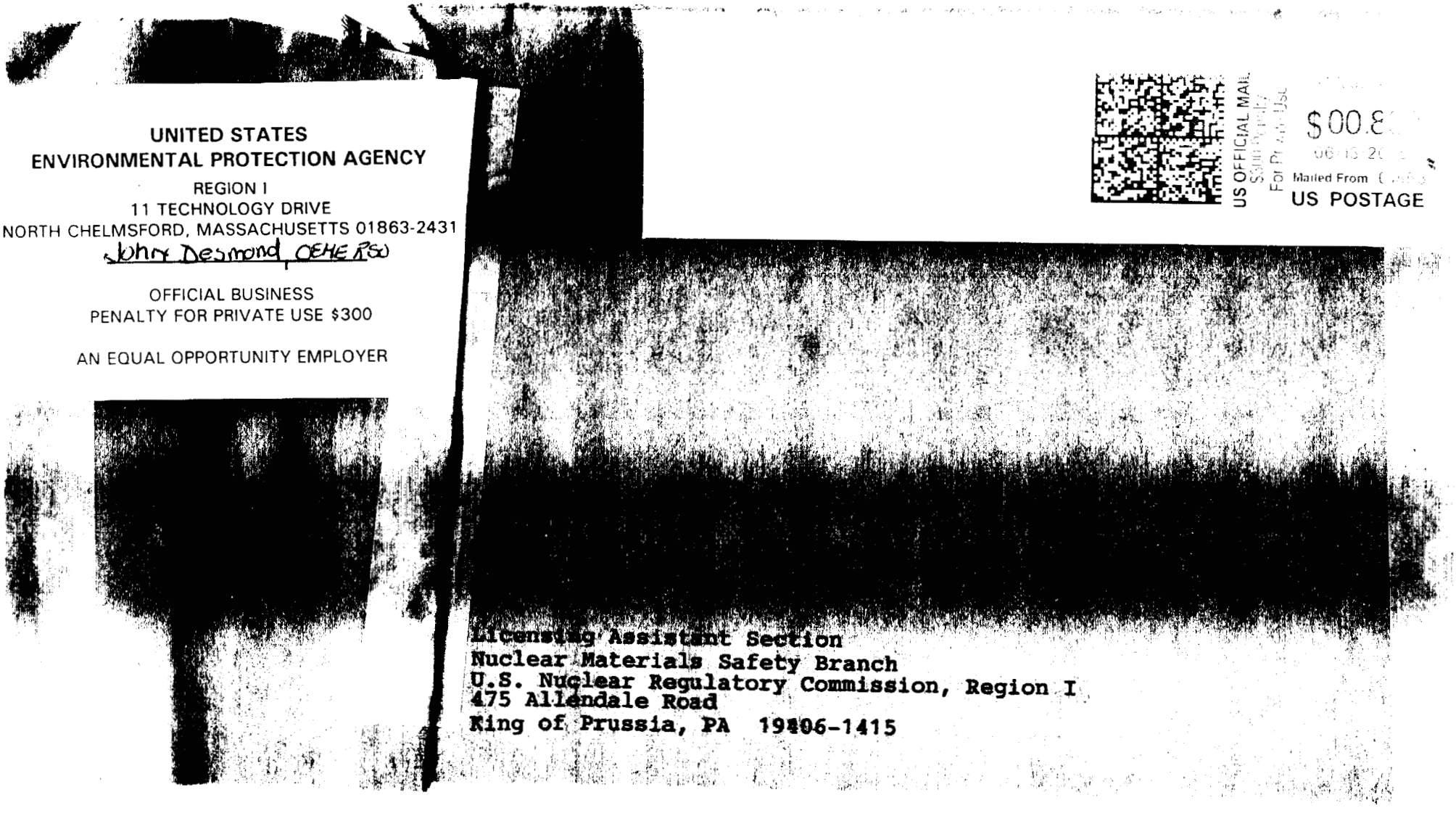
RESULTS

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, OEHERSO

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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

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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.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader

	:	(FOR LFMS USE)
	:	INFORMATION FROM LTS
BETWEEN:	:	----------
	:	
License Fee Management Branch, ARM	:	Program Code: 03123
and	:	Status Code: 0
Regional Licensing Sections	:	Fee Category: EX 3P
	:	Exp. Date: 20130331
	:	Fee Comments: _____
	:	Decom Fin Assur Reqd: N
	::	

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED
   Applicant/Licensee: ENVIRONMENTAL PROTECTION AGENCY
   Received Date: 20050615
   Docket No: 3007623
   Control No.: 137220
   License No.: 20-14039-01
   Action Type: Termination

2. FEE ATTACHED /
   Amount: _____
   Check No.: _____

3. COMMENTS

Signed Rebecca Tsirigotis
Date 6/28/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:
   Amendment _____
   Renewal _____
   License _____

3. OTHER _____
   _____

Signed _____
Date _____