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FAX TRANSMISSION
MERIDIAN HEALTH SYSTEM

RADIOLOGY DEPARTMENT
Brick Hospital
425 Jack Martin Boulevard
Brick, N.J. 08724
Fax #: (732) 836-4047

Department Phone #: Results Line (732) 836-4000
Secretary (732) 836-4046

TO: TARA NRC

FAX: 610-337-5269

FROM: Nuclear Med OMC

TOTAL # OF PAGES (including cover sheet) 3

DATE: 10-14-05

COMMENTS:

Uniform Low Level Radioactive Waste Manifest you asked for.

[redacted]

136767

NMSS/RGNI MATERIALS-002

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

Number of Packages Disposal Containers	Net Waste Volume	Net Waste Weight	Special Nuclide Information (Curie)			
			U-233	U-235	TU	TOTAL
1	m3 8.0385E-0 / ft3 1.3880E-0	90.7183 / 200.0000	NP	NP	NP	NP
	Activity					
	All Nuclides	Bottom	C-14	U-235	U-238	Source
MBq	3.8077E-01	NP	NP	NP	NP	(Ci/g) NA
mCi	2.9532E+02	NP	NP	NP	NP	(Rds) NA

1. NAME AND ADDRESS

2. MANIFEST NUMBER 76443-R

3. PAGE 1 OF 1 PAGE(S)

4. SHIPPER NAME OCEAN MEDICAL CENTER (BS)

SHIPMENT ID NUMBER: NA

DISPOSAL CONTAINER DESCRIPTION

5. Container Identification Number / Generator Number	6. Container Description (See Note 1) Process Resident(s) (See Note 1A) Shipping Identifier (See Note 2A)	7. Volume (m3) (ft3)	8. Waste and Container Weight (kg) (lb)	9. Surface Radiation Level (mR/hr)	10. Surface Contamination Alpha (dpm/100 cm2)	Beta-Gamma (dpm/100 cm2)
[illegible]	1 / 2	8.0385	53.7183	3.0385E-01	<1.3 [illegible]	<1.3 [illegible]
		1.3400	200.0000	3.0385E-01	<2.6E+01	<2.6E+01
Shipment Total		8.0385	90.7183	JS		
		1.3400	200.0000			

WASTE MATERIAL DESCRIPTION OR CARRIER (TYPE IV CONTAINER)

11. Waste Description (See Note 2)	12. Approximate Waste Volume in Container (m3) (ft3)	13. Solidification & Stabilization Media (See Note 3)	14. Chemical Description: Chemical Name / Chelating Agent	Weight % / Chelating Agent Fraction	15. Radiological Activity: Radionuclides and Activity and Container Total Activity and Radioactive Percent			16. Waste Classification (Class A, Class B, Class C)
					Radionuclides	MBq	mCi	
36	8.0385	(9) DI S FIX CELLULOSE CO POLYMERS	DIBALTAR	NP	Co-137	1.0927E+0[illegible]	2.9532E+02	C
					Subtotal	1.0927E+0[illegible]	2.9532E+02	
	1.3400				Total	1.0927E+0[illegible]	2.9532E+02	
						1.0927E+0[illegible]	2.9532E+02	

NOTE 1: Container Description Codes. For containers not in the matrix (Signal in approved Shipping Index) place the numerical code must be followed by "-OF."

1. Fiberboard Box or Crate
2. Metal Box
3. Plastic Drum or Pail
4. Steel Drum or Pail
5. Metal Barrel or Liner
6. Concrete Form or Liner
7. Polyethylene Tank or Liner
8. Fiberglass Tank or Liner
9. Steel Cylinder
10. Gas Cylinder
11. Bulk, Unpackaged Waste
12. Repackaged Components
13. Highway/Rail Container
15. Other: Describe on Bill of Lading or additional page

Note 1A: Process Resident

C. Compaction
BR. Boiler Refining
BI. Bitumen Incineration
SI. Soil Incineration
U. Burial
G. Grouting Cement
M. Metal Melt
T. Trash Bag
LA. Liquid Air Incineration
OI. Other Incineration
O. Other (Describe)

NOTE 2: Waste Description Codes. (Choose up to three solid types, indicate by volume.)

20. Chemical
21. Hydraulic Oil
22. Soil
23. Gas
24. Oil
25. Aqueous Liquid
26. Filter Media
27. Medical Waste
28. RCRA 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 Ceramics
36. Scintillation Cocktail
37. Water or Filling
38. Contaminated Debris/Scrap Construction
39. Contaminated Trash
40. Microcontaminated Trash
41. Animal Carcass
42. Biological Waste (animal/human carcass)
43. Activated Material
99. Other: Describe on Bill of Lading or additional page

Note 3A: Burial Stabilization Aids

M. Nuclear Waste Management Facility
C. Scintillation
R. Richland, WA
Fuel. Process and Return
O. Other

Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume. For waste meeting the process site standard stability requirements, the numerical code must be followed by "-O" and if a waste vendor and burial site must also be identified below, 13. Code: HIGHMORE RECORD.

Solidification

50. Cement
51. Fiberglass (Cellulose Fiber)
52. Bitumen
53. Vermiculite / Cellulose
54. Vermiculite Sphere
55. Other Cellulose
56. Other Cellulose (Cellulose Fiber)
57. Other Cellulose
58. Other Cellulose
59. Other Cellulose
100. Other Designed

[illegible]

Radiac

FORM 540 — RADIAC RESEARCH CORP.

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE (Include Area Code): (800) 434-9300

ORIGINATOR: [illegible]

2. [illegible] USA/E USP SHIPMENT? — [X] YES [ ] NO

3. TOTAL NUMBER OF PACKAGES BRANCHED ON THIS MANIFEST: 1

4. DOES THIS REGULATED WASTE REQUIRE A MANIFEST AND/OR A TRANSFER SHEET? — [ ] YES [X] NO

EPA/LAW SEAL NUMBER: NA

5. SHIPPER - NAME AND FACILITY: NEW YORK MEDICAL CENTER (BROOKLYN HOSPITAL)
[illegible] BROOKLYN, NY 10[illegible]
Phone: [illegible] — SHIPPER NUMBER: NA
CONTACT: [illegible]

6. CARRIER - NAME AND ADDRESS: RADIAC RESEARCH CORP.
201 KENT AVE.
BROOKLYN, NY 11211
Truck #: RA0213
CONTACT: [illegible]
[illegible] — DATE: 6/29/05

TRANSPORTER NUMBER: NA
COLLECTOR / PROCESSOR
[X] GENERATOR NUMBER (Specify): [illegible]
TELEPHONE NUMBER (Include Area Code): [illegible]
STATE NUMBER: [illegible]
SHIPPING DATE: 6/30/05
TELEPHONE NUMBER (Include Area Code): 718 143-3[illegible]
DATE: 6/30/05

7. [illegible] — PAGE(S) [illegible]
TO: [illegible] — PAGE(S) [illegible]
FORM 541 AND 542A — PAGE(S) [illegible]
ADDITIONAL INFORMATION — PAGE(S) [illegible]

8. MANIFEST NUMBER (Write this number on all subsequent pages): 75443-R

9. COMPANY - Name and Facility Address: RADIAC RESEARCH CORP.
201 KENT AVENUE
BROOKLYN, NY 11211
CONTACT: JOSEPH SPEKTOR
TELEPHONE NUMBER (Include Area Code): 800 648-7311
SIGNATURE: [illegible] — DATE: 6/30/05

10. CERTIFICATION
I hereby 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. The waste 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: [illegible] — TITLE: HP — DATE: 6/29/05

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. ENTER ALL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (Ci)	17. TOTAL PACKAGE ACTIVITY (Bq)	18. UN/NA CLASS	19. TOTAL WEIGHT ON HOT BUS (Use appropriate units)	20. SHIPPER'S NUMBER OF PACKAGE
Radioactive material, Type A package, 7, UN2915 / ENCAPSULATED SEALED SOURCES	Yellow III	1.2	Solid OXIDE	Cs-137	1.0077E-04	2.95322E-07	NA	250, 1.35; 1.35 FT3	75443-01

FOR CONSIGNEE USE ONLY

20. Certification is hereby made to Radiac Research Corp. that the shipment of low level radioactive waste described in the above manifest has been prepared according to the procedures and RADIAC Acceptance Criteria, federal and state regulations, including those of the NRC, DOT, EPA and applicable agreement state agencies. Waste specifically excluded or excluded in writing by the shipper authorizes RADIAC to substitute for authorized treatment and/or disposal site.

Date: 6/29/05 — Signature: [illegible] — Telephone: [illegible]

FORM 540 (10-94)