

**Waterbury Hospital
Health Center**

Memo

K-8
MS-16**To:** Ms. Sandy Gabriel, U.S.N.R.C.**From:** G. J. Randall**Date:** 06/07/2005**Re:** Lic # 06-02406-01, Control # 137038

03001251

Per request, here is the information pertaining to the disposal of our Cs-137 and S-90 brachytherapy sources through ADCO Services for Barriwell, South Carolina. As Shown on the shipping manifest, the sources were transferred to ADCO on 9/25/02, and ADCO NRC License Number is 12-11186-01 as listed on the attached brochure. I've also enclosed a copy of our South Carolina Radioactive Waste Transport Permit # 4826-06-02. Please let me know if you need additional information.

Regards,

Jerry Randall





South Carolina Radioactive Waste Transport Permit

Pursuant to Act No. 429 of 1980, the South Carolina Radioactive Waste Transportation and Disposal Act, a Radioactive Waste Transport Permit is hereby issued to the below-named applicant (shipper). This Permit shall not, in itself, be construed as authorizing a shipper to dispose of radioactive waste within the State of South Carolina. This Permit shall not be transferred, assigned or in any manner disposed of, either voluntarily or involuntarily, directly, or indirectly, through transfer of control to any person, unless the Department shall, after securing full information, find the transfer is in accordance with the provisions of Act No. 429 and shall give written consent.

1. Name and Address of Applicant:

Waterbury Hospital Health Center
64 Robbins St.
Waterbury, CT 06721

2. Permit Number: 4826-06-02

☐ Non Restricted
☒ Restricted

Type:

☐ X
☒ Y
☐ Z

3. Expiration Date:

December 31, 2002

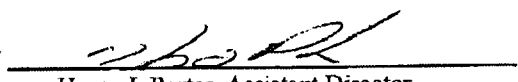
Restricted

2002

Transportation of Waste into or within the State of South Carolina is restricted to the collector/processor services of ADCO Services.

For the South Carolina Department of Health
and Environmental Control

By


Henry J. Porter, Assistant Director
Division of Waste Management

Date of Issuance October 23, 2002

02.0450 S

[illegible]

FORM 540 (10-96)

FORM 541		ADCO SERVICES, INC.		1. MANIFEST TOTALS						2. MANIFEST NUMBER 02-0450 S								
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 NUCLEAR MATERIAL (grams)			TOTAL								
				3	m3	kg	U-233	U-235	Pu	NP								
					0.1188	34.0194	NP	NP	NP	NP								
				lb	75.0080	ACTIVITY			SOURCE									
				ALL NUCLIDES	TRITIUM	C-14	Tc-99	I-129	(kgs)	NA								
				MBq	7.5042E+04	NP	NP	NP	(lbs)	NA								
				mCi	6.7681E+02	NP	NP	NP		60641								
3. PAGE 1 OF 1 PAGE(S)																		
4. SHIPPER NAME WATERBURY HOSPITAL HEAL																		
SHIPMENT ID NUMBER 60641																		
DISPOSAL CONTAINER DESCRIPTION																		
5. CONTAINER IDENTIFICATION NUMBER / SC PERMIT	6. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (lb)	8. WASTE AND CONTAINER WEIGHT (kg) (lb)	9. SURFACE RADIATION LEVEL mSv/hr rem/hr	10. SURFACE CONTAMINATION 1.184/100 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 CHEMICAL FORM/ CHELATING AGENT		15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT		16. WASTE CLASSIFI- CATION A- Class A B- Class B C- Class C	
02-0430-01/NA 64 ROBBINS STREET WATERBURY, CT 06721	4	8.9396	11.3388	0.9	NP	NP	36-H	0.0396	100	SEALED SOURCE/NP	0.00	Cs-137 Subtotal	1.2300E+04 1.2300E+04	3.3243E+02 3.3243E+02	AU			
02-0450-02/NA 64 ROBBINS STREET WATERBURY, CT 06721	4	0.0345	11.3394	4.9	NP	NP	36-H	0.0396	100	SEALED SOURCES/NP	0.00	Cs-137 Subtotal	9.6248E+03 9.6248E+03	2.6013E+02 2.6013E+02	AU			
02-0450-03/NA 64 ROBBINS STREET WATERBURY, CT 06721	4	0.0396	11.3399	2.5	NP	NP	36-H	0.0396	100	SEALED SOURCES/NP	0.00	Am-241 Ba-133 Co-57 Cs-137 Subtotal	3.7000E-02 9.6940E+00 1.9980E+02 1.8500E+00 1.1100E-03	1.0000E-03 2.6200E-01 5.4000E+00 5.0000E-02 3.0000E-05	AU			
		1.4000	25.0000	5.0	NP	NP		1.4000										
Shipment Totals		8.1188	34.0194										2.5042E+04	6.7681E+02				
		4.2000	75.0080															

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	14. Other: Describe in Item 6, or additional page.
7. Polyethylene Tank or Liner	
8. Fiberglass Tank or Liner	

Note 1A: Barwell 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. Deionization Rubble	38. Evaporator Bottoms/Sludges/Concentrates
21. Incinerator Ash	30. Cation Ion-exchange Media	39. Compressible Trash
22. Soil	31. Anion Ion-exchange Media	40. Noncompressible Trash
23. Gas	32. Mixed Bed Ion-exchange Media	41. Animal Carcasses
24. Oil	33. Contaminated Equipment	42. Biological Material (except animal carcasses)
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: Barwell Specific Waste Descriptor Codes. (Choose all applicable codes.)

G. Decontaminated	
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 13. Code 100=NONE REQUIRED.

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

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

N. Wax Binder	
---------------	--

SUPPLIES

• DRUMS

• LINERS

• ABSORBENT

• JUE

• WASTE

• PACKAGING MEDIA

TRANSPORTATION



Adcom Express, Inc., the wholly owned transportation company of Adco Services, Inc. and PWN in Vista, CA. Our vehicles are fully insured and operated by our fully trained company employees.

Adco Services, Inc. has been in the business of radioactive waste disposal for over thirty-five years. We incorporated in the state of Illinois in 1965 under the name of Atomic Disposal Company. Our name was changed in 1980 to better reflect our expanding services.

Along with the generalized service of radioactive waste disposal for the nuclear industry, research and medical fields, Adco Services also developed specialized services in decontamination and decommissioning; health physics services; training programs and sealed source (gauge and device) disassembles, removals and disposals.

Adco Services, Inc. acquired PWN Environmental in Vista, CA. in 1985 and, by June 1986, The PWN Environmental, Inc. division of Adco was providing full scale radioactive waste disposal services for the West Coast. Adco Services has its headquarters in Tinley Park, IL; and is thereby centrally located to have service routes throughout the country.

Adco's attention to customer service, innovation and flexibility to customize its service, coupled with a corporate commitment to quality and value, makes us one of the most cost effective, dedicated and efficient service companies in the nation.



*Adco
Services
Inc*

17650 Duvan Drive
Tinley Park, IL 60477
Phone: 708-429-1660
Fax: 708-429-9759

Radioactive Waste

- Dry Active Waste
- Sealed Sources
- Decay-In-Storage
Materials with <120 day T1/2
- Uranium and Thorium
Compounds
- Biological
Carcass and
Non-Carcass
- Liquids
Scintillation Fluids and
Aqueous Solutions
Vials
Bulk
Beta Plates

Services

- Decontamination
- Decommissioning
- Transportation
- Labeling
- Manifesting
- Waste Tracking
- Lab Packing
- Technical Support

Licenses

- Illinois Radioactive Materials
License
IL-01347-01
- US Nuclear Regulatory
Commission Service License
12-11286-01

Hazardous Waste Disposal

- Acids / Caustics
- Flammable Liquids
- Oxidizers
- Flammable Solids
- Cyanide and Sulfide Wastes
- Laboratory chemical Packaging,
Treatment and Disposal
- Heavy Metal Sludge
- Aerosols
- Toxics
- Mercury, Metallic Compounds and
Debris
- Laboratory Movements and
Cleanouts

Insurance

- Limits

General Liability
\$5,000,000

Commercial General Liability
\$5,000,000

Automobile Liability
\$5,000,000

Workers Compensation and
Employers' Liability
\$1,000,000

Pollution Liability
\$1,000,000

Corporate Headquarters

ADCO Services, Inc.
17650 Duvan Drive
Tinley Park, IL 60477

Phone: 708-429-1660
Fax: 708-429-9759
e-mail: len@adcoservices.com

www.adcoservices.com

West Coast Division

PWN Environmental, Inc.
1462 South Santa Fe Avenue
Vista, CA 92084

Phone: 760-727-6120
Fax: 760-727-5809
e-mail: pwn@pwnenvironmental.com

www.pwnenvironmental.com

