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Sentara Williamsburg Community Hospital
301 Monticello Avenue
Williamsburg Va, 23185
www.sentara.com

February 6, 2006

U.S. Nuclear Regulatory Commission, Region I Office
Division of NMSS, Materials Licensing
Attn: Ms. Sandy Gabriel, Docket 03012703, Control # 138060
475 Allendale Road
King of Prussia, PA 19406

MS 16
K-8

Dear Ms. Gabriel:

03014703

We submit the following information that you have requested with regard to license number 45-16209-02 amendment request dated November 29, 2005:

1. Please see attachment (1) for the treadmill rooms used for stress injections of radioactive materials (rooms are marked with an "X" on the floor plan).
2. Please see attachment (2) for disposal of the strontium-90 source (circled on manifest), 3M Model 6D1A, removed by Adco Services, Inc. on July 14, 2005.
3. Please see attachment (3) for diagram of laboratory spaces where only iodine-125 was used under 10 CFR 31.11. All areas previously used (marked by cross-hatching) have been surveyed by the RSO and found free of residual contamination even though more than 60 half-lives have passed since last use in 1996.

Our Radiation Safety Committee has reviewed this amendment request along with additional information provided, and all members concur with these statements.

For more information, please do not hesitate to contact our Radiation Safety Officer, Sandy Wolff, at (757) 388-3030 or pager [REDACTED]

Sincerely,

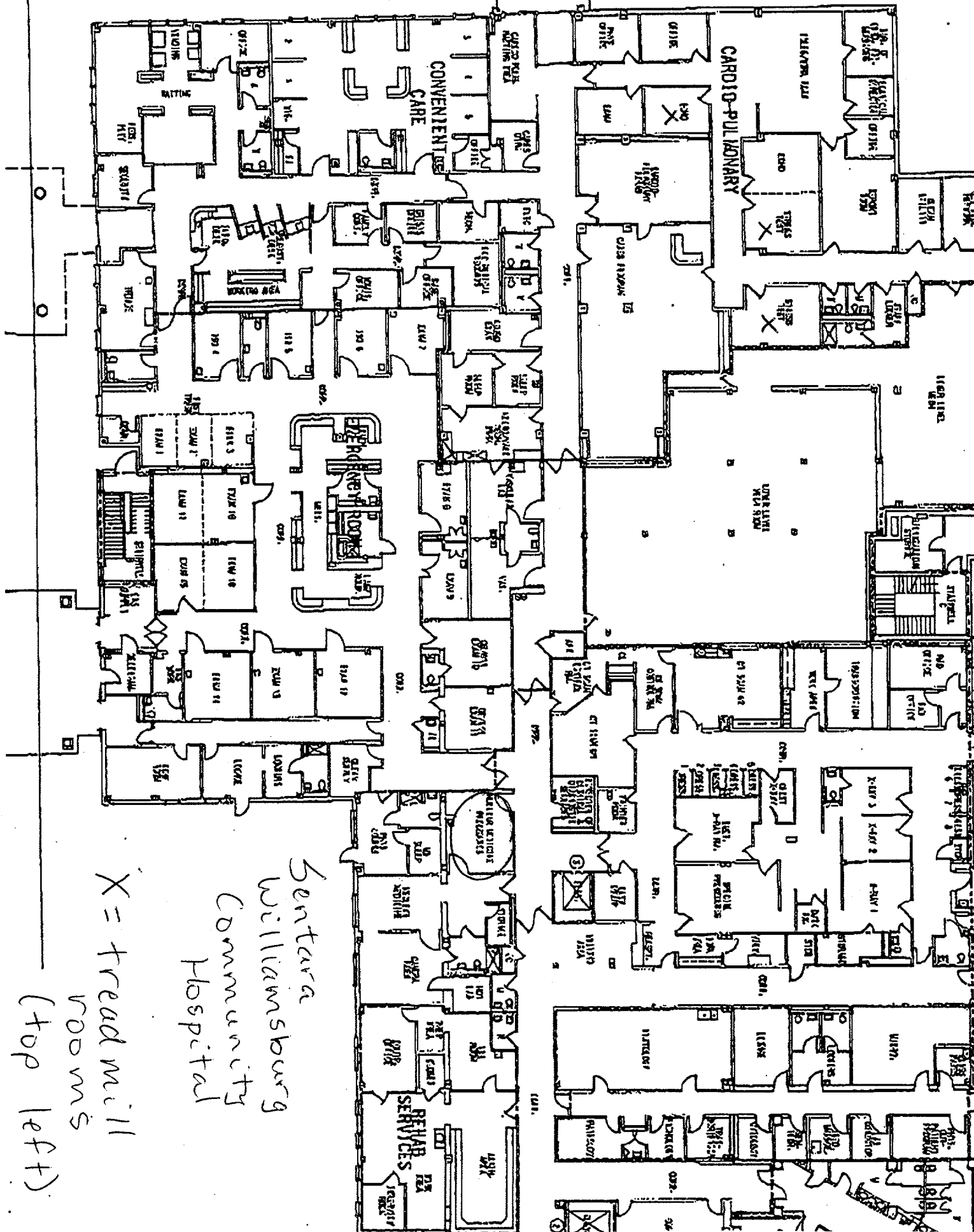
Robert Graves, FACHE
Vice President and Administrator

138060

NM09/RCM MATERIALS-002

SWCH

Att. (1)



Sentara
Williamsburg
Community
Hospital

X = treadmill
rooms

(top left)

ADCO SERVICES, INC.

NIFORM LOW-LEVEL RADIOACTIVE
WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

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 (grants)				TOTAL
			U-233	U-235	Pu		
2	0.1528	34.0194	NP	NP	NP		NP
	5.4000	75.0000					
	ACTIVITY					SOURCE	
	ALL NUCLEIDES	TRITIUM	C-14	Tc-99	I-129		
MBq	1.9038E+03	NP	NP	NP	3.9220E-04	(kgs)	NA
mCi	5.1448E+01	NP	NP	NP	1.0800E-05	(lbs)	NA

2. MANIFEST NUMBER

05-0284 S

3. PAGE 1 OF 1 PAGE(S)

4. SHIPPER NAME

SENTARA WILLIAMSBURG/FO

SHIPMENT ID NUMBER

61071

DISPOSAL CONTAINER DESCRIPTION

WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER

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 DESCRIPTION (See Note 1 & Note 1A)	7. VOLUME (m3) (cu)	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 DESCRIPTION (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	WEIGHT % CHELATING AGENT IF >0.1%	15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT				
				ALPHA	BETA-GAMMA		RADIONUCLIDES									
							MBq					mCi				
NUE 1, VA	1	0.0566 11.3398	0.005	NP	NP	35-H	0.0566	100	FLOOD SOURCE/NP	0.00	Co-57	8.5100E-01	2.3000E-02	AU		
		2.0000 25.0000	0.05	NP	NP		2.0000					Subtotal	8.5100E-01	2.3000E-02		
												Total	8.5100E-01	2.3000E-02		
NUE 1, VA	1	0.0566 11.3398		NP	NP	36-H	0.0566	100	FLOOD SOURCE/NP	0.00	Co-57	1.3890E+01	3.7000E-01	AU		
		2.0000 25.0000		NP	NP		2.0000					Subtotal	1.3890E+01	3.7000E-01		
												Total	1.3890E+01	3.7000E-01		
NUE 4, VA	4	0.0396 11.3398	0.015	NP	NP	36-H	0.0396	100	SEALED SOURCE/NP	0.00	Co-57	8.4350E+00	2.2800E-01	AU		
		1.4000 25.0000	1.5	NP	NP		1.4000					Co-57	2.1005E+02	5.6770E+00		
												Co-57	1.8500E+00	5.0000E-02		
												Co-57	3.7000E+00	1.0000E-01		
												I-129	3.9220E-04	1.0600E-05		
												Sr-90	1.6650E+03	4.5000E+01		
												Subtotal	1.8890E+03	5.1055E+01		
												Total	1.8890E+03	5.1055E+01		
		0.1528 34.0194												1.9038E+03	5.1448E+01	
		5.4000 75.0000														

Description Codes. For containers used in approved structural overpacks must be followed by "OP."

- 9. Demineralizer
- 10. Gas Cylinder
- 11. Bulk, Unpackaged Waste
- 12. Unpackaged Components
- 13. High Integrity Container

net 19. Other. Describe in Item 6,
- liner or additional page.
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
- 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. Cotton 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/Sediment Concentrates
- 39. Compressible Trash
- 40. Noncompressible Trash
- 41. Animal Carcass
- 42. Biological Material (except animal carcasses)
- 43. Activated Material
- 44. Other. Describe in Item 11, or additional page

Note 2A: Barwell 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 chemical code must be followed by "S" and the media vander and brand name must also be identified in Item 13. Code 100 - NONE REQUIRED.

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

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

- M Wax Binder

[illegible]

A++(3)

