

December 14, 2014

St. Mary's Hospital Jefferson City

2505 Mission Drive Jefferson City, MO 65109

phone: 573-681-3000 ssmhealthmidmo.com

Materials Licensing Branch U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

RE: NRC Materials License #24-17477-01

Dear Sirs:

St. Mary's Health Center has completed the move from the old hospital at 100 St. Mary's Medical Plaza, Jefferson City, Missouri, 65101 to the new hospital of the same name at 2505 Mission Drive, Jefferson City, Missouri, 65109.

On our license referenced above, please change the address of the hospital to the new address.

Enclosed with this letter is the decommissioning report for the hot lab, imaging room and stress lab of the old hospital. All sources of radioactivity have been moved to the new hospital and the decommissioning survey showed that no detectable radioactivity remains in any of the rooms.

We will no longer have any activity at the old address and ask that you remove this area of use from the license.

Should you need further information, please do not hesitate to contact me.

Sincerely yours,

Jeffrey L. Patrick, M.D.

Radiation Safety Officer

St. Mary's Health Center



diagnostic technology consultants

December 11, 2014

incorporated

Kim Weith

Medical Imaging 2505 Mission Drive St. Mary's Health Center Jefferson City, MO 65109

5930 roe ave.

mission

Dear Ms. Weith:

kansas

usa 66205

Enclosed is the decommissioning report for the nuclear medicine area in the old

hospital.

(913) 236-6000

(800) 753-4DTC

fax:

(913) 236-6655

This report should be sent to the NRC with the enclosed letter, signed and printed on your letterhead, to remove this area from your license. For your convience, I have

emailed this letter to Shannon so that it will not need to be retyped. The area should not be occupied by anyone until it is formally released as a controlled even by the

not be occupied by anyone until it is formally released as a controlled area by the

NRC.

If you have any questions or concerns regarding this report or any other radiation safety matter, please do not hesitate to call.

9504 west cluster Thank you again for using DTC, Inc.

tampa, florida

33615-2767

Sincerely,

(813) 885-7585

Audrey Wegst, PhD, DABR, NMP

Enclosures:

Decommissioning Report, NRC Letter

specialists in medical physics



REPORT **DECOMMISSIONING OF NUCLEAR MEDICINE AREA**

Date:

12/07/14

Location of Decommissioning:

St Mary's Health Center 100 St Mary's Medical Plaza

Jefferson City, MO 65101

Rooms Decommissioned:

Hot Lab, Camera Room, Stress Lab, Storage Closet

Management Representative:

Kim Weith

Radiation Safety Officer:

Jeffery Patrick, M.D.

Chair Radiation Safety Comm:

Shannon Schmidt

Nuclear Medicine Technologist:

Shannon Schmidt

RADIOACTIVE MATERIALS LICENSES

Nuclear Regulatory Commission

Region III

License Number: 24-17477-01

Amendment Number: 12

Expiration Date: 08/31/24

DECOMMISSIONING RESULTS

- 1 No radioactive materials were stored in the area decommissioned.
- 2 The imaging systems, stress system and all removable objects were removed from the rooms.
- 2 No radioactive materials or sources were found during the decommissioning survey.
- 3 The ambient exposure rate survey was acceptable.
- 4 The removable contamination survey was acceptable.

Medical Physics Consultant:

Audrey V. Wegst. Ph.D.

Diagnostic Technology Consultants, Inc.

5930 Roe Avenue

(913) 236-6000

(913) 236-6655 FAX

Mission, Kansas 66205

Radiation Safety Officer:

Licensee:

St Mary's Health Center

Address:

100 St Mary's Medical Plaza

Jefferson City, MO 65101

License Number: 24-17477-01 Expiration: 08/31/24

Decommission Data 12/07/14

Historical Use:

The area for decommissioning consists of the nuclear medicine department consisting of the Hot Lab, Camera Room, Stress Lab and a Storage Closet.

Sealed Sources were stored in the Storage Closet and Hot Lab. Patient doses were also stored in the hot lab. The radioactive material used in the stress room consisted of technetium for stress imaging.

The radioactive materials used in the camera/imaging area consisted of a cobalt-57 sealed source for camera QC. Technetium and Iodine-131 was used for imaging.

All radioactive waste from dose administration was stored in the hot lab or the Storage Closet.

Equipment and Device Removal:

The rooms were cleared of all equipment, desks, chairs, wall canisters and items that were not permananently fixed in their location.

Wipe Survey Procedure:

Each wipe test sample was collected by wiping an alcohol pad over the surface over an area identified on the diagrams. The wipe sample was secured in the alcohol packet and appropriately identified with the location of the wipe. The wipe samples were then taken to the Diagnostic Technology Consultants, Inc. office for measurement. The wipe samples were placed into the well counter after all required quality control and test measurements were completed. The results of the wipe surveys were then entered into the spread sheet tables in cpm. The dpm was calculated based on the most recent quarterly efficiency testing.

Wipe Test Results Evaluation:

No Detectable Activity (NDA) means the wipe count was equal to or less than the Decision Limt [BKG + 2.33*SQRT (Bkg)]

Area Survey Procedure:

The survey meter pancake probe was passed in a sweeping motion over each area identified on the diagrams. The probe to surface distance was maintained at a minimum distance of less than 3.0 cm. The background level was established by taking a series of area survey readings in the hallway adjacent to the rooms being surveyed. The background survey readings were determined to be ≤3.0 mR/hr.

Area Survey Results and Trigger Level:

The action level was based on any area survey reading exceeding background levels.

Licensee:

St Mary's Health Center

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100 St Mary's Medical Plaza

Jefferson City, MO 65101

License Number: 24-17477-01

Expiration: 08/31/24

Survey and Analysis Equipment Parameters 12/07/14

All Equipment used for surveyers are the property of Diagnostic Technology Consultants, Inc.

Well Counter

Manufacturer:

Capintec

Model:

Caprac-t

Serial Number:

10067

		Star	ndard Source	Information			
			Calibration	Halflife	Decay Time	A(t)	A(t)
Source	Serial No.	Activity (uCi)	Date	(Days)	(t) (Days)	(uCi)	(dpm)
Co-57	1639-11-2	1.03E-01	01/01/13	271.74	675	1.84E-02	4.09E+04
Ba-133	1036-32-2	1.06E-01	02/01/04	3836.15	3932	5.19E-02	1.15E+05
Co-60	NEN100S	1.21E-01	02/26/80	1925.28	12673	1.26E-03	2.81E+03
Cs-137	962-51-9	9.76E-02	03/01/04	10975.55	3903	7.62E-02	1.69E+05

	Minimu	ım Detectable	Activity (MI	DA)	
Analysis	Source Count	Bkg			MDA
Date	(5 min)	(5 min)	Efficiency	MDA (dpm)	(uCi)
11/07/14	189145	1425	0.917	89	3.99E-05
11/07/14	539810	1425	0.935	87	3.91E-05
11/07/14	6725	1425	0.378	215	9.68E-05
11/07/14	11/07/14 253450		0.298	273	1.23E-04

Survey Meter		Probe:	·
Manufacturer:	Ludium	Manufacturer:	Ludlum
Model:	14C	Model:	44-9 (pancake)
Serial Number:	80112	Serial Number:	73932

Per standard operating procedures, constancy checks using a ¹³⁷Cs sealed source are conducted each day prior to using the equipment. To verify constancy, the measured activity must fall within 3% of the calculated standard activity.

Correction Factors as of July 8, 2014.

Scale	Distance	Calculated	Measured	Correction
Multiplier	(cm)	mr/hr	(mr/hr)	Factor
1000	36.4	1500	1450	1.03
1000	63.1	500	520	0.96
100	115.2	150	150	1.00
100	119.25	50	50	1.00
10	258.2	15	15	1.00
10	313.4	5	5	1.00
1	122.3	1.5	1.5	1.00
1	211.8	0.5	0.5	1.00
0.1	0.1 117.3		0.15	1.00
0.1	0.1 203.1		0.05	1.00

Calibrated by Mid-America Calibrations, Inc. 808 SW Nautica Court, Lee's Summit, Missouri 64082, NRC License No. 24-32531-01, with a J.L. Shepherd Model 28-6a calibrator, serial #10018, 1.2 Ci Cs-137, 3M 4F6H, source serial #2824 or a Ludlum Model 500-2 Pulser, serial #127533. The output is traceable to the NBS (N.I.S.T.) and all instruments are calibrated in accordance with MIL-STD 45662A and ANSI N323-1978.

1	2	3	4	5	6	7	8							
9	10	11	12	13	14	15	16	St. Mary's Camera Room						
17	18	19	20	21	22	23	24	= 1 foot						
25	26	27	28	29	30	31	32		,					
33	34	35	36	37	38	39	40	41 42 43		43	44	45	46	-
47	48	49	50	51	52	53	54	55 56		57	58	59	60	
61	62	63	64	65	66	67	68	69	70	71	72	73	74	
75	76		78	79	80	81	82	83	84	85	86	87	88	
			89	90	91	92	93	94	95	96	97	98	99	
			100	101	102	103	104	105	106	107	108	109	110	
												111		

Licensee:

St Mary's Health Center

Address:

100 St Mary's Medical Plaza Jefferson City, MO 65101 License Number: 24-17477-01

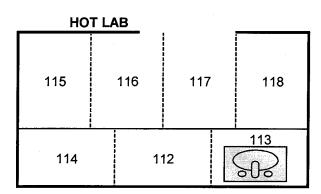
Expiration: 08/31/24

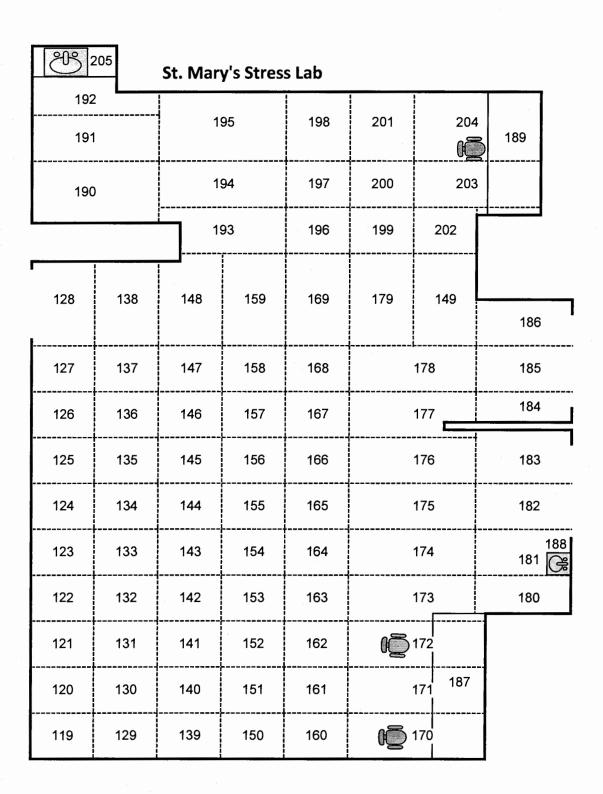
Room Diagram and Area Identification 12/07/14

= 1 foot

STORAGE CLOSET

	Sh	elving Unit with t	five shelves	
13	1,4,7,9,11	2,5	3,6,8,10,12	·
		! ! !		
5 shelf cabinet: # 14-18	19	20	21	22





Decommissioning Report Printed: 12/10/2014

Licensee:

St Mary's Health Center

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100 St Mary's Medical Plaza Jefferson City, MO 65101 License Number: 24-17477-01

Expiration: 08/31/24

RADIATION SURVEY - Page 1 of 3 12/07/14

SUR	VEY			Radia	tion Su	vey			SUR	VEY			Radia	tion Su	rvey	
				Ambient	Wipe	Wipe			l				Ambient	Wipe	Wipe	
No.	Room	Location	Area	(mR/hr)	(cpm)	(dpm)	Results	ı	No.	Room	Location	Area	(mR/hr)	(cpm)	(dpm)	Results
		Background		0.03	230						Background		0.03	230		
1	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS		46	Cam Rm		Restricted	0.03	236	NDA	PASS
2	Cam Rm	Floor	Restricted	0.03	226	NDA	PASS		47	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS
3	Cam Rm	Floor	Restricted	0.03	211	NDA	PASS		48	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS
4	Cam Rm	Floor	Restricted	0.03	229	NDA	PASS		49	Cam Rm	Floor	Restricted	0.03	232	NDA	PASS
5	Cam Rm	Floor	Restricted	0.03	230	NDA	PASS		50	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS
6	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS		51	Cam Rm	Floor	Restricted	0.03	203	NDA	PASS
7	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS		52	Cam Rm	Floor	Restricted	0.03	198	NDA	PASS
8	Cam Rm	Floor	Restricted	0.03	229	NDA	PASS		53	Cam Rm	Floor	Restricted	0.03	230	NDA	PASS
9	Cam Rm	Floor	Restricted	0.03	221	NDA	PASS		54	Cam Rm		Restricted	0.03	201	NDA	PASS
10	Cam Rm	Floor	Restricted	0.03	238	NDA	PASS		55	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS
11	Cam Rm	Floor	Restricted	0.03	215	NDA	PASS		56	Cam Rm	Floor	Restricted	0.03	232	NDA	PASS
12	Cam Rm	Floor	Restricted	0.03	215	NDA	PASS		57	Cam Rm	Floor	Restricted	0.03	207	NDA	PASS
13	Cam Rm	Floor	Restricted	0.03	238	NDA	PASS		58	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS
14	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS		59	Cam Rm	Floor	Restricted	0.03	212	NDA	PASS
15	Cam Rm	Floor	Restricted	0.03	238	NDA	PASS		60	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS
16	Cam Rm	Floor	Restricted	0.03	232	NDA	PASS		61	Cam Rm	Floor	Restricted	0.03	203	NDA	PASS
17	Cam Rm	Floor	Restricted	0.03	232	NDA	PASS		62	Cam Rm	Floor	Restricted	0.03	205	NDA	PASS
18	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS		63	Cam Rm	Floor	Restricted	0.03	205	NDA	PASS
19	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS		64	Cam Rm	Floor	Restricted	0.03	212	NDA	PASS
20	Cam Rm	Floor	Restricted	0.03	211	NDA	PASS		65	Cam Rm	Floor	Restricted	0.03	212	NDA	PASS
21	Cam Rm	Floor	Restricted	0.03	206	NDA	PASS		66	Cam Rm	Floor	Restricted	0.03	210	NDA	PASS
22	Cam Rm	Floor	Restricted	0.03	225	NDA	PASS		67	Cam Rm	Floor	Restricted	0.03	210	NDA	PASS
23	Cam Rm	Floor	Restricted	0.03	229	NDA	PASS	1	68	Cam Rm	Floor	Restricted	0.03	209	NDA	PASS
24	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS		69	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS
25	Cam Rm	Floor	Restricted	0.03	229	NDA	PASS		70	Cam Rm	Floor	Restricted	0.03	207	NDA	PASS
26	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS		71	Cam Rm	Floor	Restricted	0.03	236	NDA	PASS
27	Cam Rm	Floor	Restricted	0.03	229	NDA	PASS		72	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS
28	Cam Rm	Floor	Restricted	0.03	203	NDA	PASS PASS	1	73	Cam Rm	Floor	Restricted	0.03	211	NDA	PASS
29	Cam Rm	Floor	Restricted	0.03 0.03	201 205	NDA NDA	PASS	١	74	Cam Rm Cam Rm	Floor	Restricted	0.03	232	NDA	PASS
30	Cam Rm Cam Rm	Floor	Restricted	0.03	224	NDA	PASS		75 76	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS
31 32	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS	-	77	Cam Rm	Floor	Restricted	0.03 0.03	236 207	NDA	PASS
33	Cam Rm	Floor Floor	Restricted Restricted	0.03	234	NDA	PASS	ı	78	Cam Rm	Floor Floor	Restricted Restricted	0.03	209	NDA	PASS
34	Cam Rm	Floor	Restricted	0.03	225	NDA	PASS	- 1	78 79	Cam Rm	Floor	Restricted	0.03	219	NDA NDA	PASS PASS
35	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS		80	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS
36	Cam Rm	Floor	Restricted	0.03	215	NDA	PASS	j	81	Cam Rm	Floor	Restricted	0.03	206	NDA	PASS PASS
37	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS		82	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS PASS
38	Cam Rm	Floor	Restricted	0.03	221	NDA	PASS		83	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS
39	Cam Rm	Floor	Restricted	0.03	211	NDA	PASS		84	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS
40	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS	١	85	Cam Rm	Floor	Restricted	0.03	218	NDA	PASS
41	Cam Rm	Floor	Restricted	0.03	210	NDA	PASS		86	Cam Rm	Floor	Restricted	0.03	218	NDA	PASS
42	Cam Rm	Floor	Restricted	0.03	209	NDA	PASS		87	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS
43	Cam Rm	Floor	Restricted	0.03	219	NDA	PASS	١	88	Cam Rm	Floor	Restricted	0.03	214	NDA	PASS
44	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS		89	Cam Rm	Floor	Restricted	0.03	226	NDA	PASS
45	Cam Rm	Floor	Restricted	0.03	227	NDA	PASS	J		Cam Rm	Floor	Restricted	0.03	208	NDA	PASS

Cam Rm = Camera Room

Survey Performed By:	Greg Wegst, Kamal Gill, Audrey Weç	Background Count:	230
Survey Performed On:	11/19/14	Delta1 (net counts):	35
Wipe Test Samples Counted By:	Kamal Gill	Delta2 (net counts):	73
Wipe Test Samples Counted On:	11/20/14	Decision Limit (L _c):	265

Decommissioning Report Printed: 12/10/2014

Licensee:

St Mary's Health Center

Address:

100 St Mary's Medical Plaza Jefferson City, MO 65101

License Number: 24-17477-01

Expiration: 08/31/24

RADIATION SURVEY - Page 2 of 3 12/07/14

No.		Y		4 1						VEY						
		T		Ambient	Wipe	Wipe							Ambient	Wipe	Wipe	
		Location	Area	(mR/hr)	(cpm)	(dpm)	Results		No.	Room	Location	Area	(mR/hr)	(cpm)	(dpm)	Results
~ .		Background		0.03	230						Background		0.03	230		
91	Cam Rm	Floor	Restricted	0.03	208	NDA	PASS	Ш	136	Str Rm	Floor	Restricted	0.03	227	NDA	PASS
92	Cam Rm	Floor	Restricted	0.03	208	NDA	PASS		137	Str Rm	Floor	Restricted	0.03	236	NDA	PASS
93	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS		138	Str Rm	Floor	Restricted	0.03	239	NDA	PASS
94	Cam Rm	Floor	Restricted	0.03	208	NDA	PASS		139	Str Rm	Floor	Restricted	0.03	215	NDA	PASS
95	Cam Rm	Floor	Restricted	0.03	201	NDA	PASS		140	Str Rm	Floor	Restricted	0.03	229	NDA	PASS
96	Cam Rm	Floor	Restricted	0.03	214	NDA	PASS		141	Str Rm	Floor	Restricted	0.03	214	NDA	PASS
97	Cam Rm	Floor	Restricted	0.03	234	NDA	PASS		142	Str Rm	Floor	Restricted	0.03	217	NDA	PASS
98	Cam Rm	Floor	Restricted	0.03	220	NDA	PASS	l	143	Str Rm	Floor	Restricted	0.03	221	NDA	PASS
99	Cam Rm	Floor	Restricted	0.03	225	NDA	PASS	П	144	Str Rm	Floor	Restricted	0.03	239	NDA	PASS
100	Cam Rm	Floor	Restricted	0.03	206	NDA	PASS		145	Str Rm	Floor	Restricted	0.03	199	NDA	PASS
101	Cam Rm	Floor	Restricted	0.03	198	NDA	PASS		146	Str Rm	Floor	Restricted	0.03	215	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	198	NDA	PASS		147	Str Rm	Floor	Restricted	0.03	217	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	226	NDA	PASS		148	Str Rm	Floor	Restricted	0.03	232	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	232	NDA	PASS		149	Str Rm	Floor	Restricted	0.03	232	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	220	NDA	PASS		150	Str Rm	Floor	Restricted	0.03	232	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	224	NDA	PASS		151	Str Rm	Floor	Restricted	0.03	221	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	220	NDA	PASS		152	Str Rm	Floor	Restricted	0.03	221	NDA	PASS
1	Cam Rm	Floor	Restricted	0.03	230	NDA	PASS		153	Str Rm	Floor	Restricted	0.03	206	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	211	NDA	PASS		154	Str Rm	Floor	Restricted	0.03	199	NDA	PASS
	Cam Rm	Floor	Restricted	0.03	214	NDA	PASS		155	Str Rm	Floor	Restricted	0.03	204	NDA	PASS
1	Cam Rm	Floor	Restricted	0.03	230	NDA	PASS		156	Str Rm	Floor	Restricted	0.03	215	NDA	PASS
112	Hot Lb	Counter	Restricted	0.03	235	NDA	PASS		157	Str Rm	Floor	Restricted	0.03	239	NDA	PASS
113	Hot Lb	Sink	Restricted	0.03	220	NDA	PASS		158	Str Rm	Floor	Restricted	0.03	210	NDA	PASS
114	Hot Lb	Counter	Restricted	0.03	235	NDA	PASS		159	Str Rm	Floor	Restricted	0.03	221	NDA	PASS
115	Hot Lb	Floor	Restricted	0.03	235	NDA	PASS		160	Str Rm	Floor	Restricted	0.03	238	NDA	PASS
116	Hot Lb	Floor	Restricted	0.03	228	NDA	PASS		161	Str Rm	Floor	Restricted	0.03	221	NDA	PASS
117	Hot Lb	Floor	Restricted	0.03	211	NDA	PASS		162	Str Rm	Floor	Restricted	0.03	238	NDA	PASS
118	Hot Lb	Floor	Restricted	0.03	228	NDA	PASS		163	Str Rm	Floor	Restricted	0.03	213	NDA	PASS
119	Str Rm	Floor	Restricted	0.03	229	NDA NDA	PASS PASS	1	164	Str Rm	Floor	Restricted	0.03	213	NDA	PASS
120 121	Str Rm Str Rm	Floor	Restricted Restricted	0.03 0.03	198 198	NDA	PASS	ı	165 166	Str Rm Str Rm	Floor	Restricted	0.03 0.03	218 199	NDA	PASS
121	Str Rm	Floor Floor	Restricted	0.03	206	NDA	PASS		167	Str Rm	Floor Floor	Restricted Restricted	0.03	222	NDA NDA	PASS
123	Str Rm	Floor	Restricted	0.03	198	NDA	PASS	- 1	168	Str Rm	Floor	Restricted	0.03	222	NDA	PASS PASS
123	Str Rm	Floor	Restricted	0.03	206	NDA	PASS	ı	169	Str Rm	Floor	Restricted	0.03	222	NDA	
125	Str Rm	Floor	Restricted	0.03	217	NDA	PASS		170	Str Rm	Floor	Restricted	0.03	212	NDA NDA	PASS PASS
126	Str Rm	Floor	Restricted	0.03	217	NDA	PASS		171	Str Rm	Floor	Restricted	0.03	212	NDA	PASS
127	Str Rm	Floor	Restricted	0.03	227	NDA	PASS	ı	172	Str Rm	Floor	Restricted	0.03	212	NDA	PASS
128	Str Rm	Floor	Restricted	0.03	217	NDA	PASS		173	Str Rm	Floor	Restricted	0.03	199	NDA	PASS
129	Str Rm	Floor	Restricted	0.03	239	NDA	PASS	-	174	Str Rm	Floor	Restricted	0.03	212	NDA	PASS
	Str Rm	Floor	Restricted	0.03	236	NDA	PASS		175	Str Rm	Floor	Restricted	0.03	212	NDA	PASS
131	Str Rm	Floor	Restricted	0.03	217	NDA	PASS	-	176	Str Rm	Floor	Restricted	0.03	210	NDA	PASS
132	Str Rm	Floor	Restricted	0.03	227	NDA	PASS		177	Str Rm	Floor	Restricted	0.03	230	NDA	PASS
•	Str Rm	Floor	Restricted	0.03	201	NDA	PASS		178	Str Rm	Floor	Restricted	0.03	204	NDA	PASS
134	Str Rm	Floor	Restricted	0.03	201	NDA	PASS		179	Str Rm	Floor	Restricted	0.03	230	NDA	PASS
135	Str Rm	Floor	Restricted	0.03	201	NDA	PASS			Str Rm	Floor	Restricted	0.03	218	NDA	PASS

Str Rm = Stress Room, Hot Lb = Hot Lab, Cam Rm = Camera Room

Survey Performed By:	Greg Wegst, Kamal Gill, Audrey Weg	Background Count:	230
Survey Performed On:	11/19/14	Delta1 (net counts):	35
Wipe Test Samples Counted By:	Kamal Gill	Delta2 (net counts):	73
Wipe Test Samples Counted On:	11/20/14	Decision Limit (L _c):	265

Decommissioning Report Printed: 12/10/2014

Licensee: Address: St Mary's Health Center

100 St Mary's Medical Plaza

Jefferson City, MO 65101

License Number: 24-17477-01

Expiration: 08/31/24

RADIATION SURVEY 12/07/14

SUR	VEY			Radia	tion Sur	vey			SUR	VEY			Radia	tion Su	rvey	
1				Ambient	Wipe	Wipe			l				Ambient	Wipe	Wipe	
No.	Room	Location	Area	(mR/hr)	(cpm)	(dpm)	Results		No.	Room	Location	Area	(mR/hr)	(cpm)	(dpm)	Results
		Background		0.03	230						Background		0.03	230		
181	Str Rm	Floor	Restricted	0.03	234	NDA	PASS		1	Stor Rm	Shelves	Restricted	0.03	236	NDA	PASS
182	Str Rm	Floor	Restricted	0.03	234	NDA	PASS		2	Stor Rm	Shelves	Restricted	0.03	225	NDA	PASS
183	Str Rm	Floor	Restricted	0.03	223	NDA	PASS	l	3	Stor Rm	Shelves	Restricted	0.03	203	NDA	PASS
184	Str Rm	Floor	Restricted	0.03	199	NDA	PASS		4	Stor Rm	Shelves	Restricted	0.03	198	NDA	PASS
185	Str Rm	Floor	Restricted	0.03	199	NDA	PASS		5	Stor Rm	Shelves	Restricted	0.03	214	NDA	PASS
186	Str Rm	Floor	Restricted	0.03	204	NDA	PASS		6	Stor Rm	Shelves	Restricted	0.03	218	NDA	PASS
187	Str Rm	Counter	Restricted	0.03	199	NDA	PASS		7	Stor Rm	Shelves	Restricted	0.03	230	NDA	PASS
188	Str Rm	Sink	Restricted	0.03	215	NDA	PASS		8	Stor Rm	Shelves	Restricted	0.03	225	NDA	PASS
189	Str Rm	Counter	Restricted	0.03	238	NDA	PASS		9	Stor Rm	Shelves	Restricted	0.03	229	NDA	PASS
190	Str Rm	Floor	Restricted	0.03	229	NDA	PASS		10	Stor Rm	Shelves	Restricted	0.03	236	NDA	PASS
191	Str Rm	Floor	Restricted	0.03	219	NDA	PASS	H	11	Stor Rm	Shelves	Restricted	0.03	198	NDA	PASS
192	Str Rm	Floor	Restricted	0.03	218	NDA	PASS		12	Stor Rm	Shelves	Restricted	0.03	203	NDA	PASS
193	Str Rm	Floor	Restricted	0.03	236	NDA	PASS	Ιi	13	Stor Rm	Floor	Restricted	0.03	218	NDA	PASS
194	Str Rm	Floor	Restricted	0.03	199	NDA	PASS		14	Stor Rm	Shelves	Restricted	0.03	214	NDA	PASS
195	Str Rm	Floor	Restricted	0.03	221	NDA	PASS		15	Stor Rm	Shelves	Restricted	0.03	236	NDA	PASS
196	Str Rm	Floor	Restricted	0.03	215	NDA	PASS		16	Stor Rm	Shelves	Restricted	0.03	229	NDA	PASS
197	Str Rm	Floor	Restricted	0.03	218	NDA	PASS		17	Stor Rm	Shelves	Restricted	0.03	229	NDA	PASS
198	Str Rm	Floor	Restricted	0.03	223	NDA	PASS		18	Stor Rm	Shelves	Restricted	0.03	229	NDA	PASS
199	Str Rm	Floor	Restricted	0.03	233	NDA	PASS		19	Stor Rm	Floor	Restricted	0.03	212	NDA	PASS
200	Str Rm	Floor	Restricted	0.03	218	NDA	PASS		20	Stor Rm	Floor	Restricted	0.03	212	NDA	PASS
201	Str Rm	Floor	Restricted	0.03	214	NDA	PASS		21	Stor Rm	Floor	Restricted	0.03	236	NDA	PASS
202	Str Rm	Floor	Restricted	0.03	218	NDA	PASS		22	Stor Rm	Floor	Restricted	0.03	236	NDA	PASS
203	Str Rm	Floor	Restricted	0.03	230	NDA	PASS					Restricted				FAIL
204	Str Rm	Floor	Restricted	0.03	215	NDA	PASS					Restricted				FAIL
205	Str Rm	Sink	Restricted	0.03	199	NDA	PASS					Restricted				FAIL
Ī			Restricted				FAIL					Restricted				FAIL
1			Restricted				FAIL					Restricted				FAIL
1			Restricted				FAIL					Restricted				FAIL
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			Restricted				FAIL					Restricted				FAIL
L			Restricted				FAIL	ı				Restricted				FAIL

Str Rm = Stress Room, Stor Rm = Storage Closet

Survey Performed By:	Greg Wegst, Kamal Gill, Audrey Weç	Background Count:	230
Survey Performed On:	11/19/14	Delta1 (net counts):	35
Wipe Test Samples Counted By:	Kamal Gill	Delta2 (net counts):	73
Wipe Test Samples Counted On:	11/20/14	Decision Limit (L _c):	265

Method: Each leak test sample was collected by wiping an alcohol pad over the exposed surface of the source.

No Detectable Activity (NDA); Wipe count equal to or less than the Decision Limit [Bkg + 2.33*SQRT(Bkg)]

earthsmart
FedEx carbon-neutral
envelope shipping

RECEIVED OF

Fed 致. 图215 8073 1778 5226 WED - 24 DEC 10:30A PRIORITY OVERNIGHT

XH ENLA

60532 ORD



FedEx Package US Airbill FedEx 8073 1778 5226 m 0215 Express Package Service • To most locati Packages up to 150 lbs. For packages over 150 lbs., use the field's Express Fraudat US British. FedEx 2Day A.M.
Second business morning.*
Saturday Delivery NOT evallable FedEx First Overnight Earliest next business morning delive locations. Friday shipments will be de Monday unless SATURDAY Delivery FedEx Express Saver
Tried business day.*
Saturday Defivery NOT available FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available. FedEx Pak* 2 Your Internal Billing Reference 3 To 6 Special Handling and Delivery Signature Options SATURDAY Delivery No Signature Required Package may be left without obtaining a signature for delivery. HOLD Weekday FedEx location address REQUIRED NOT available FedEx First Overnight. HOLD Saturday Cargo Aircraft Only 養育資 PŢŢ ****493** 10:30 FΖ

5226 12.24

Align bottom of peel-and-stick airbill or pouch here.