



November 18, 2014

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

Re: NRC Certificate of Disposition of Materials and Decommissioning Survey

To Whom It May Concern:

This is to notify you that all activities have ceased under NRC License # 24-32429-01 and all of the radioactive materials under this license have been transferred to Shawnee Mission Medical Center, 9100 W 74th Street, Shawnee Mission, Kansas 66204 under KS License # 19-C264-01. Please see attached Decommissioning Survey.

If there are any questions or require more information, please contact Chuck Wooldridge, BSNMT at 913-676-2320 or Stephen Hale, PhD, at 816-390-9011

Sincerely,

A handwritten signature in black ink that reads 'Robin Rollins Harrold'.

Robin Rollins Harrold
Senior Vice President
Shawnee Mission Medical Center

Enclosures

The logo for Solucient Top Hospitals features a stylized 'S' graphic above the word 'SOLUCIENT' in a bold, sans-serif font, with 'TOP HOSPITALS' in a smaller font below it.

RECEIVED NOV 25 2014

T 913-676-2000

9100 W. 74th Street
Shawnee Mission, KS 66204
www.shawneemission.org

A Seventh-day Adventist Community Service

NRC FORM 314
(02-2014)
10 CFR 30.36(a)(1),
40-42(j)(1), 70.38(j)(1),
and 72.54(k)(5)(1)(T)



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0028

EXPIRES: 02/28/2017

CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This material 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 FOIA Privacy and Information Collections Branch (T-6 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to InfoCollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOS-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.

LICENSEE NAME AND ADDRESS
Shawnee Mission Clinical Cardiovascular Associates
206 NW Mock Avenue
Suite 200
Blue Springs, MO 64014

LICENSE NUMBER: 24-32429-01
DOCKET NUMBER: 030-36149
LICENSE EXPIRATION DATE: March 31, 2023

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:
Shawnee Mission Medical Center, 9100 W. 74th Street, Shawnee Mission, KS 66204. KS License # 19-C264-01
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee:
 - 2. By licensed disposal site:
 - 3. By waste contractor:
 - 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.

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
Bob Green MD	RSO	913-312-3222	bob.green@shawneemission.org

Mail all future correspondence regarding this license to:

9119 W 74th St #350, Shawnee Mission, KS 66204

C. CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE	SIGNATURE	DATE
Bob Green MD		11/13/14

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.



Integrated Science Support, Inc

2027 North 36th Street
St. Joseph, MO 64506
(816) 390-9011
(800) 306-4477
FAX (816) 390-8003

Decommissioning Survey

Area Decommissioned:

Shawnee Mission Clinical Cardiovascular Associates
206 NW Mock Avenue, Suite 200
Blue Springs, MO 64014

US NRC Materials License # 24-32429-01

Date of Last Radioactive Material Usage in This Area: July 2014

Survey Date: 8/18/2014

Wipe Test Counting Date: 8/18/2014

Surveyor: Stephen E. Hale Jr., Ph.D., DABR

See Attached Drawing for Location of Wipes and Surveys

All radioactive sources removed: YES

Radioactive sealed sources were transferred to Shawnee Mission Medical Center, 9100 W. 74th Street, Shawnee Mission, KS 66204. KS Radioactive Materials License # 19-C264-01

All radioactive warning signs removed: YES

Location	Survey	Wipe Test (Background = 1507)		
	Background = <0.03mR/hr	Wipe Count (counts / 120 s)	Net Count (counts / 120 s)	Net DPM
#1 – Hot lab receipt area	<0.03mR/hr	1545	38	40
#2 – Hot lab L-block	<0.03mR/hr	1508	1	1
#3 – Hot lab floor	<0.03mR/hr	1511	4	4
#4 – Hot lab dose calibrator	<0.03mR/hr	1459	-48	-51
#5 – Waste storage	<0.03mR/hr	1499	-8	-8
#6 – Injection area	<0.03mR/hr	1571	64	68
#7 – Imaging rm. computer 1	<0.03mR/hr	1484	-23	-24
#8 – Imaging rm. floor	<0.03mR/hr	1536	29	31
#9 – Imaging rm. computer 2	<0.03mR/hr	1479	-28	-29
#10 – Treadmill	<0.03mR/hr	1514	7	8
#11 – Treadmill floor	<0.03mR/hr	1507	0	0
#12 – Treadmill chair	<0.03mR/hr	1496	-11	-11
#13 – Restroom	<0.03mR/hr	1485	-22	-23

#14 – Waiting room floor	<0.03mR/hr	1487	-20	-21
#15 – Waiting room floor	<0.03mR/hr	1521	14	15

Decommissioning Cleaning Level: Net Activity > 200 DPM

Radiation Survey Instrumentation:

Survey Meter: Ludlum Model 3 S/N 190691
 Probe: Pancake GM S/N PR 197606
 Calibration Date: 3/9/2014

Wipe Test Counting Instrumentation:

Well Counter: Ludlum 2000/243 NaI Well Counter / SN 196691

Well Counter Efficiency: 94.5%
 Last Efficiency Calibration: 8/20/12
 Wipe Test Background: 1507 counts in 120 seconds
 Wipe Test Counting Time: 120 Seconds

Other Documentation:

Radioactive Material Used in This Facility:

Radioisotope	Form	Maximum Amount in Single Source
Tc-99m	Liquid	35 mCi
Tl-201	Liquid	4 mCi

No leaking sealed sources were used in this area. Leak test report is attached.

Records of Public Dose: This facility generated no records of this type.

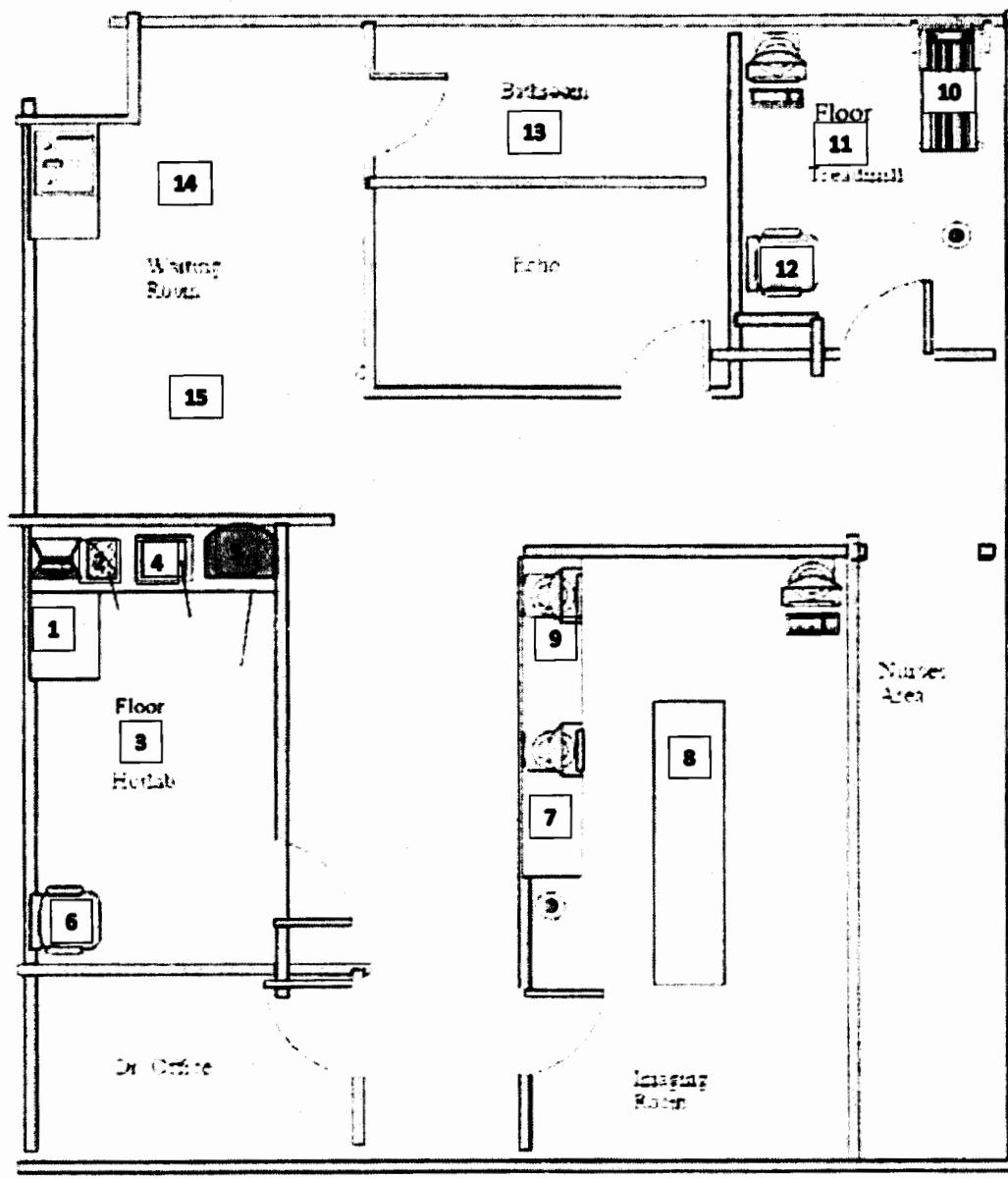
Waste disposal by release to sewers, incinerators, radioactive spills, on-site burials: This facility disposed of no radioactive materials by release to sewers, incineration, or on-site burial.

Surveyor:

A. E. Allen

Date: 8/21/2014

Shawnee Mission Clinical Cardiovascular Associates
206 NW Mock Avenue
Blue Springs, MO 64014





MID-AMERICA CALIBRATIONS, INC
808 SW NAUTICA CT
LEE'S SUMMIT, MO 64082

Semi-Annual Leak Test Record

Facility: Clinical Cardiovascular Associates - Blue Springs
Quarter: 02 Year: 14 Performed By: *[Signature]*
Semester: 01 Year: 14 Date Performed: May 24, 2014
Test Instrument Make: Spectech Samples Collected On: April 15, 2014
Model: UCS-20 Serial Number: 219

No.	Nuclide / Model	Serial Number	Calibration Activity	Calibration Date
1	Co-57 / MED3727	1664-164	10.0 mCi	April 1, 2013
2	Cs-137 / Syncor	937-77-14	200.8 uCi	December 1, 2002

	Efficiency Factor (Fe)	Background cpm	Gross cpm	Net cpm	Net dpm*	Net uCi**
1	0.91154	958	947	0	0	0.000000
2	0.10524	194	198	4	38	0.000002

* Net cpm divided by Fe
** Net dpm divided by $2.2 \times 10E+06$ dpm/uCi
Acceptable limit (cpm) = < 0.005 uCi

NRC License Number 24-32531-01

RSO Signature:

PHONE 816/537-4147 • 800-488-1391 • FAX 816/623-3329



SHAWNEE MISSION
MEDICAL CENTERSM

9100 W. 74th Street
Shawnee Mission, KS 66204

CERTIFIED MAILTM



7014 0510 0001 4663 1896

RECEIVED NOV 25 2014

neopostSM
11/20/2014

FIRST-CLASS MAIL

US POSTAGE \$006.69⁰



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Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

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