

OPTIMA HEARTCARE, INC.
JOHN R. RAABE, M.D., F.A.C.C.
BOARD CERTIFIED IN NUCLEAR CARDIOLOGY
SPECIALIST IN CLINICAL HYPERTENSION
13358 Manchester Road, Ste. 120
St. Louis, MO 63131

Phone: 314-965-3023

FAX: 314-965-1477

02/25/09

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

RE: MATERIAL LICENSE 24-32584-01

Dear Region III Materials Licensing Branch:

Optima Heartcare, Inc., has ceased all operations under our materials license and is submitting an NRC FORM 314, CERTIFICATE OF DISPOSITION OF MATERIALS for termination of our materials license. **We are also terminating our private medical practice so we are requesting an expedited amendment to our materials license so we may release for unrestricted use those areas of former RAM use at our location, 13358 Manchester Road, Suite 120, St. Louis, Missouri and return control of this area to the building owner.**

After all radioactive material was removed from Suite 120, a complete close out survey was done following the **Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source or Special Nuclear Material**. Attached is a close out of Suite 120, dated 02/25/09.

A Cs-137 sealed source for dose calibrator testing (35.65) was the only licensed sealed source we possessed. The attached documents the transfer of this source to Pioneer Pharmacy (NRC Lic.#: 17-32715-01MD). There was no history of any leak test exceeding 0.005 μ Ci on this source. Attached is a copy of the last leak test done on 11/17/08.

Radioactive material permitted by 35.200 (Tc-99m), in unit dose form, was the only byproduct radiopharmaceutical used at our facility. Tc-99m waste decayed to background levels using decay-in-storage authorization and was disposed as non radioactive waste.

Attached are the results of the close out survey (ambient radiation exposure and removable contamination) and a diagram noting the locations where exposure readings

RECEIVED MAR 02 2009

and wipe smears were taken. The Ludlum 14C survey meter, S/N 133854, was last calibrated on 11/26/08. Radiation exposure surveys were done with the survey meter set to the most sensitive scale (lowest range). There were no ambient radiation exposures in excess of 0.03 mR/hr. Background radiation exposure in the facility was 0.03mR/hr.

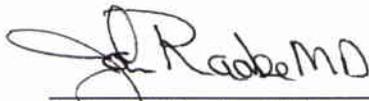
An efficiency test was done (5/19/08) on the CAPRAC wipe test counter, S/N 001682, using an NIST traceable Co-57 rod source. The efficiency was determined to be 89%, when using a counting window of 15 to 800 keV. The lower limit of detection (LLD) was 55dpm. The minimum detectable activity (MDA) was 2.5 E-05 μ Ci's. The results of all wet smear wipe tests were below the LLD, demonstrating no removable contamination. All ambient radiation exposures and wipe test analysis were done by Tom Dickinson, CNMT, LMNP, consultant to Optima Heartcare, Inc.

We request assistance in expediting this request so we may release the previous areas of use to the building owner.

Please send all future correspondence regarding this license to: John R. Raabe, M.D., 1601 W. 5th Ave., Unit#114, Columbus, OH 43212.

If you have any additional questions, please contact me at (614) 580-8035.

Sincerely,



John B. Raabe, M.D.
AU & RSO, Optima Heartcare, Inc.

Fax 614-486-8068

Attachments:

1. NRC FORM 314
2. Close out documents
3. Transfer document Cs-137 sealed source

Estimated burden per response to comply with this mandatory collection request 30 minutes. This submittal 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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-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.

CERTIFICATE OF DISPOSITION OF MATERIALS

LICENSEE NAME AND ADDRESS

Optima Heartcare, Inc.
13358 Manchester Road, Suite 120
St. Louis, MO 63131

LICENSE NUMBER

24-32584-01

DOCKET NUMBER

030-36987

LICENSE EXPIRATION DATE

August 31, 2015

- This license has expired. **A. LICENSE STATUS (Check the appropriate box)**
 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: *See attached for Transfer of Cs-137 sealed source to Pioneer Pharmacy Lic# 17-32715-01MD.*
 - b. Disposal of radioactive materials:
 - 1. Directly by the licensee: *35.200 material, Tc-99m - Decay-in-storage of RAM - then disposal as non radioactive waste.*
 - 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 John Raabe, M.D.	TITLE AU / RSO	TELEPHONE (Include Area Code) 614-580-8035	E-MAIL ADDRESS jraabe@psl.net
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Mail all future correspondence regarding this license to
John R. Raabe, M.D., 1601 W. 5th Ave, #114, Columbus, OH 43212

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

John Raabe, M.D. / AU & RSO

SIGNATURE

John Raabe MD

DATE

2/25/09

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.

OPTIMA HEARTCARE, INC.

JOHN R. RAABE, M.D., F.A.C.C.
13358 Manchester Road, Ste. 120
St. Louis, MO 63131

Phone: 314-965-3023

FAX: 314-965-1477

February 23, 2009

Katheryn LeBlanc, Pharm.D., RSO
Pioneer Pharmacy
1968 Innerbelt Business Center
Overland, MO 63114

RE: Permanent transfer of one (1) Cs-137 vial source from Optima Heartcare, Inc., to Pioneer Pharmacy.

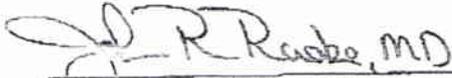
Dear Ms. LeBlanc:

As you know, Optima Heartcare, Inc., has decided to terminate our NRC radioactive material license. At this time Optima Heartcare, Inc., offers for permanent transfer a licensed Cs-137 source. The following information is specific to this source:

Cs-137, vial sealed source, 194.2 μ Ci, calibration date of October 01, 06, North American Scientific, Model # MED3550, S/N 97181, last leak tested 11/17/08, removable contamination less than 0.005 μ Ci.

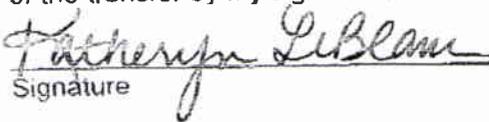
Please sign and date this document indicating that you accept receipt of this source.

Sincerely,



John R. Raabe, M.D., F.A.C.C.
Owner, Radiation Safety Officer,
Optima Heartcare, Inc.

I accept the permanent transfer of the sealed source described above and show my acceptance of the transfer by my signature.


Signature

Katheryn LeBlanc, Pharm.D.
RSO Pioneer Pharmacy

2/23/09
Date

Nuclear Cardiology • Vascular Ultrasound • Invasive & Non-Invasive Cardiology • Transcatheter Echo

**MEDICAL PHYSICS SURVEY
SEALED SOURCE LEAK TEST ANALYSIS REPORT**

FACILITY: Optima Heartcare, Inc.
LOCATION: Nuclear Cardiology

DEPARTMENT: St. Louis, MO
ATTENTION: Dr. Raabe, R.S.O.

Analysis of the WIPE used to conduct a leak test on the sealed sources identified below was performed by gas or scintillation detection and reveals removable contamination was less than 0.005 μCi , unless otherwise noted, when compared against NIST traceable standards.

Source: Cs-137, Vial, 194.2 μCi , 10/01/06, North American Scientific, Model # MED3550, S/N 97181.

Date:	5/22/07 TWD	11/19/07 TWD	5/19/08 TWD	11/17/08 TWD
Wipe No.:	2578	4679	6808	9001
MDA (μCi):	2 E-04	2 E-04	2 E-04	2 E-04
Net CPM:	0	22	8	9
Net μCi :	< MDA	< MDA	< MDA	< MDA
CPM for 0.005 μCi :	1,500	1,500	1,500	1,500
Analyst:	AY	LB	LB	LB

Performed by: Associates in Medical Physics, LLC

Under License No.: 34-26645-02

SEALED SOURCE TRANSFER

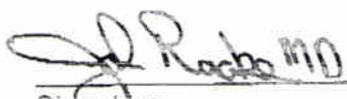
This written document acknowledges the permanent transfer of (1) one NRC licensed source:

Cs-137, dose calibrator reference standard (Cs-137, vial, 194.2 μ Ci, 10/01/06, North American Scientific, Model No. MED 3550, S/N 97181).

The above source was transferred from Optima Heartcare, Inc., 13358 Manchester Road, Suite 120, St. Louis, MO (NRC Lic. # 24-32584-01) to Pioneer Pharmacy, 1968 Innerbelt Business Center Overland, MO (NRC Lic. # 17-32715-01MD).

This source was last leak tested on November 17, 2008. Removable contamination was less than 0.005 μ Ci (attached).

The signatures below documents that the source was transferred by Optima Heartcare, Inc., on February 25, 2009, and received by Pioneer Pharmacy, on February 25, 2009.

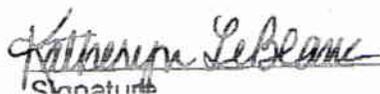


Signature

John Raabe, M.D., F.A.C.C.
Owner, RSO
Optima Heartcare, Inc.

24-32584-01
NRC License No.

2/23/09
Date



Signature

Katheryn LeBlanc, Pharm.D.
RSO, Pioneer Pharmacy

17-32715-01MD
NRC License No.

2/25/09
Date

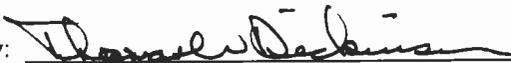
Optima Heartcare, Inc.
 13358 Manchester Road, Suite 120
 St. Louis, MO 63131

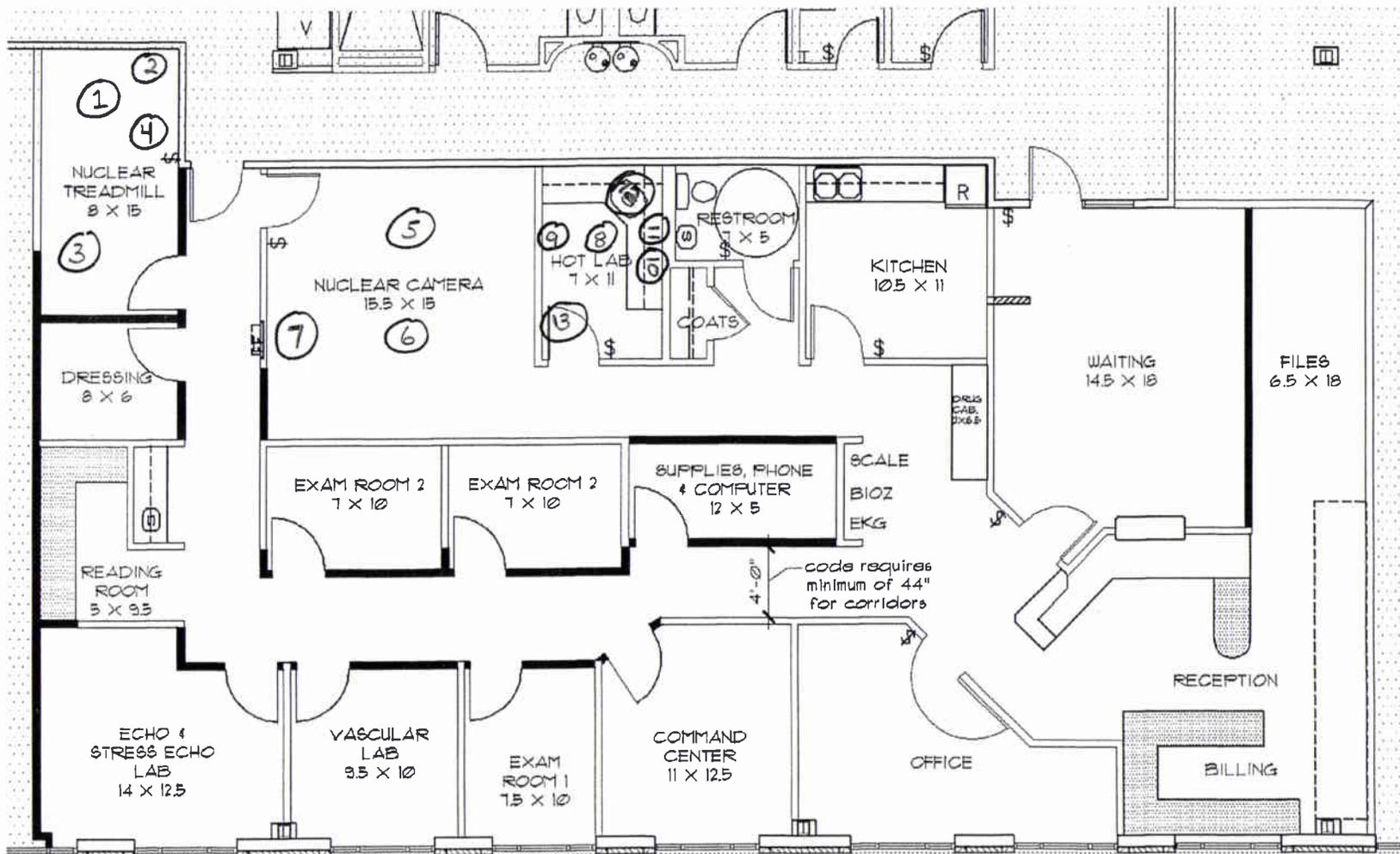
CLOSE OUT SURVEY

Date of survey and wipe tests: 02/25/09

Diagram #	Location	Area Survey (mR/hr)	Wipe Test Removable contamination (dpm/100cm ²)
N/A	Background	0.03	352 (cpm)
1	Treadmill	0.03	22 dpm
2	Injection counter treadmill room	0.03	22 dpm
3	Stress table treadmill room	0.03	22 dpm
4	Floor treadmill room	0.03	22 dpm
5	Area of gamma camera in imaging room	0.03	35 dpm
6	Floor imaging room	0.03	35 dpm
7	Work station in imaging room	0.03	35 dpm
8	Hot lab floor	0.03	0 dpm
9	Hot lab receipt area	0.03	0 dpm
10	L-shield, dose preparation, dose calibrator	0.03	0 dpm
11	decay-in-storage waste area	0.03	0 dpm
12	hot lab sink	0.03	0 dpm
13	Hot lab door knob	0.03	13 dpm

Surveys done with Ludlum 14 C, S/N 133854, calibrated 11/26/08. Check source reading confirmed before use.
 Wipes analyzed with Capintec Caprac, S/N 1682. Co-57 efficiency done 5/19/08. Constancy test done before use.

Close out survey performed by: 
 Thomas W. Dickinson (AMP)
 Licensed Medical Nuclear Physicist
 Consultant to Optima Heartcare, Inc.



Optima Heartcare, Inc.
 13358 Manchester Rd., Suite 120
 St. Louis, MO 63131

JOHN RAABE, MD
13358 MANCHESTER RD STE 12C
SAINT LOUIS, MO 63131

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