

United States Nuclear Regulatory Commission
Region III, Materials Licensing Section
2443 Warrenville Road, Ste 210
Lisle, IL 60532-4352

**Decommission request for Oakland Hills Cardiology, License No. 21-32366-01.
Expediency please.**

1. A close-out survey was performed on 06/01/11 of our 44038 Woodward, suite 200, Bloomfield Hills, MI 48302 address and is enclosed for your review. We have also enclosed a map of all areas wipe tested.

The last date of receipt and use of radioactive material at this site was 05/31/11 for Tc-99m and 2010 for Tl-201. Tc-99m and Tl-201 were the only radionuclides used for diagnostic testing at this facility. A current copy of the leak test results and confirmation for the sealed sources (which were returned to a supplier) used at our facility is enclosed for your review. This facility is exempt from decommissioning due to low volumes and short physical half-lives of materials used.

We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

2. Any further correspondence may be sent to **Oakland Hills Cardiology, Beaumont Health Center, 4949 Coolidge Hwy., Royal Oak, MI 48073..**

Cordially,



Dr. Harold Z. Friedman, M.D., R.S.O.
Oakland Hills Cardiology

RECEIVED JUN 20 2011

Close-out Survey

Date Performed: 06/01/11

Performed By: Laura M. Luna, Physics Consultant

Wipe tests analyzed with Captus 3000 with a full spectrum window. Efficiency for Cobalt-57 is 81%. MDA is 46 dpm.

Survey performed with Ludlum survey meter model 14C with end window probe S/N 182970 calibrated on 08/02/10 with a check source reading of 0.5 mR/hr. Range used was 0.1 mR/hr.

All sealed radioactive sources were sent to Eckert & Ziegler Isotope Products. Please see the enclosed confirmation of receipt.

Tc-99m was last used on 05/31/11 and TI-201 was last used in 2010.

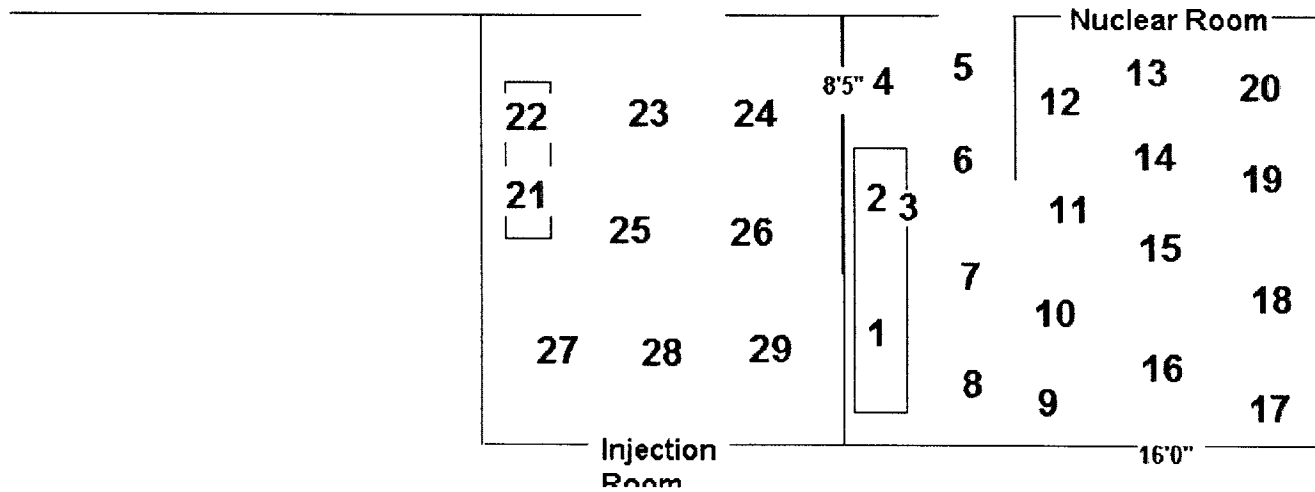
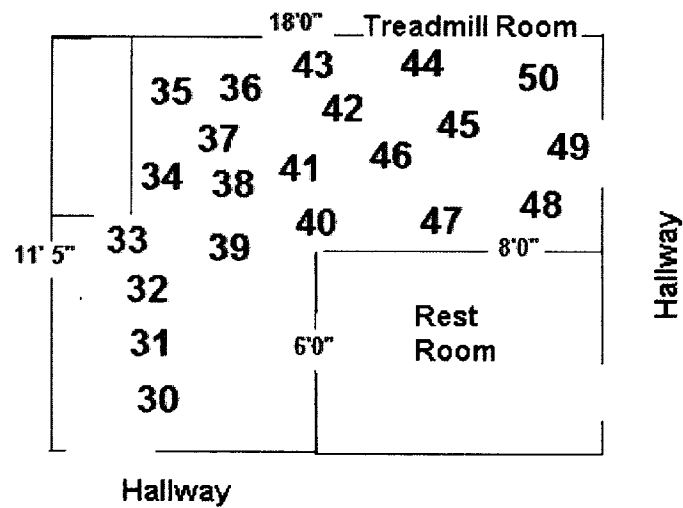
Visual Check

The area was checked to ensure that all radioactive waste had been removed. No radioactive material was located.

Radiation Level Survey

No area within the department demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

Oakland Hills Cardiology



Removable Contamination

1 minute counts of a wipe sample covering at least a 100 square centimeter area

Area	Result	Area	Result	Area	Result
1	25 dpm	22	52 dpm	43	14 dpm
2	25	23	52	44	14
3	25	24	52	45	14
4	65	25	0	46	0
5	65	26	0	47	0
6	65	27	0	48	0
7	142	28	130	49	0
8	142	29	130	50	0
9	142	30	130		
10	0	31	112		
11	0	32	112		
12	0	33	112		
13	97	34	0		
14	97	35	0		
15	97	36	0		
16	85	37	25		
17	85	38	25		
18	85	39	25		
19	30	40	0		
20	30	41	0		
21	30	42	0		

Maximum removable contamination: 142 net dpm/100 cm²

Conclusion

As of 06/01/11 all radioactive materials were removed from the site and no removable contamination was present.

6/7/2011

Oakland Hills Cardiology

248-335-3674

Concerning Return Number 159155

Dear Valued Customer,

Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source listed below. If you have any further questions about the source, please contact IPL and reference the return number listed above. Thank you for your business.

Source Number:	788-63-4
Nuclide:	Ba-133
Activity:	0.287mCi
Reference Date:	5/1/2002
Description:	RV-133-250U
Receiving Date:	6/2/2011

Sincerely,

Andi Maddens 7 Jun 11
Signature / Date

ATTN: Peggy

6/7/2011

Oakland Hills Cardiology

248-335-3674

Concerning Return Number 159155

Dear Valued Customer,

Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source listed below. If you have any further questions about the source, please contact IPL and reference the return number listed above. Thank you for your business.

Source Number: 1373-052
Nuclide: Co-57
Activity: 10mCi
Reference Date: 5/1/2009
Description: PF24R-057-10M
Receiving Date: 6/1/2011

Sincerely,

Audi Madden 7 June 11
Signature / Date

6/7/2011

Oakland Hills Cardiology

248-335-3674

Concerning Return Number 159155

Dear Valued Customer,

Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source listed below. If you have any further questions about the source, please contact IPL and reference the return number listed above. Thank you for your business.

Source Number:	787-84-10
Nuclide:	Cs-137
Activity:	0.223mCi
Reference Date:	5/1/2002
Description:	RV-137-250U
Receiving Date:	6/2/2011

Sincerely,

Andi Madden Igum II
Signature / Date

CERTIFICATE OF DISPOSITION OF MATERIALS

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 Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@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.

LICENSEE NAME AND ADDRESS
Oakland Hills Cardiology
44038 Woodward, Suite 200
Bloomfield Hills, MI 48302

LICENSE NUMBER

21-32366-01

DOCKET NUMBER

LICENSE EXPIRATION DATE

03/01/2012

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:

- ☒ 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
Peggy Passiak	Technologist	248-655-3220	ohcardiology@gmail.com

Mail all future correspondence regarding this license to:

Oakland Hills Cardiology, Beaumont Health Center, 4949 Coolidge Hwy., Royal Oak, MI 48073

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE

Harold Z. Friedman, M.D.

SIGNATURE

DATE

6-1-11

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.

Oakland Hills Card.
Beaumont H.C.
4949 Coolidge Hwy
Royal Oak, MI
48073

FIRST CLASS
MAIL

United States NRC
Region III, Office of Materials Lic.
2443 Warrenville Rd, Suite 210
Lisle, IL
60532-4352



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