

 Lake Huron Medical Center

July 11, 2016

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

Dear Sir/Madame:

I am submitting a request to amend NRC license number 21-15638-01 on behalf of Lake Huron Medical Center in Port Huron, MI.

We wish to remove from our license the following address:


Lake Huron Medical Center – North Campus
4190 24th Avenue
Fort Gratiot, MI 48059

We have ceased all use of radioactive materials at this facility. All sealed sources and waste was removed from this facility and moved to our main hospital by our consulting physicist. A close-out survey was performed by our physicist in all rooms in which radioactive materials were used. These rooms were the Hot Lab, Imaging Room, Stress Lab 1 and Stress Lab 2. See attached close-out data.

Prior to moving the sealed sources to the main hospital, a leak test was performed. See attached the last sealed source inventory and leak test results from 5/17/2016.

If you have any questions regarding this change, feel free to contact our consulting physicist, Vince McCormick, at (734)395-9323 or v_mccormick@comcast.net.

Sincerely,


John Ference, M.D.
Radiation Safety Officer

RECEIVED JUL 25 2016



APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER 21-15638-01
- C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Lake Huron Medical Center
2601 Electric Avenue
Port Huron, MI 48060-6815

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

2601 Electric Avenue
Port Huron, MI 48060-6815

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Vincent McCormick, M.S., DABR

BUSINESS TELEPHONE NUMBER

(734) 455-4730

BUSINESS CELLULAR TELEPHONE NUMBER

(734) 395-9323

BUSINESS EMAIL ADDRESS

v_mccormick@comcast.net

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE CATEGORY

AMOUNT ENCLOSED \$

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

John Ference, M.D.
Radiation Safety Officer

SIGNATURE

DATE

7/19/16

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

Location: Lake Huron Medical Center-North

Date of Inspection: May 17, 2016

SEALED SOURCE INVENTORY

NUCLIDE	TYPE	LOCATION	CALIBRATION		CALIBRATION		M/N	S/N
			ACTIVITY	DATE	MFGR	DATE		
Cs-137	Vial	Hot Lab	209.7	uCi	11/1/2002	NAS	MED3550	29510
Co-57	Vial	Hot Lab	5200	uCi	7/8/2013	BM	06057S13183	BM06057S13183107
Co-57	Flood	Hot Lab	20	mCi	9/1/2013	E&Z	MED3709	1683-129
Cs-137	Rod	Hot Lab	0.5	uCi	12/1/2002	IPL		956-54-16
Cs-137	Rod	Hot Lab	0.5	uCi	9/1/2004	IPL		1034-32-95
Eu-152	Rod	Hot Lab	0.5	uCi	8/1/2004	IPL		1034-22-36

RSO: _____


SEALED SOURCE LEAK TEST

NUCLIDE	TYPE	LOCATION	CALIBRATION		CALIBRATION		M/N	S/N
			ACTIVITY	DATE	MFGR	DATE		
Cs-137	Vial	Hot Lab	209.7	uCi	11/1/2002	NAS	MED3550	29510
Co-57	Vial	Hot Lab	5200	uCi	7/8/2013	BM	06057S13183	BM06057S13183107
Co-57	Flood	Hot Lab	20	mCi	9/1/2013	E&Z	MED3709	1683-129

COMMENT: The sources listed above were leak tested using a wipe technique and were found to have less than 0.005 uCi removable activity.

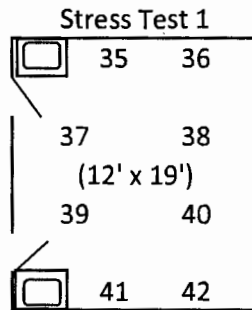
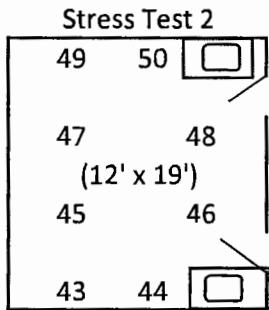
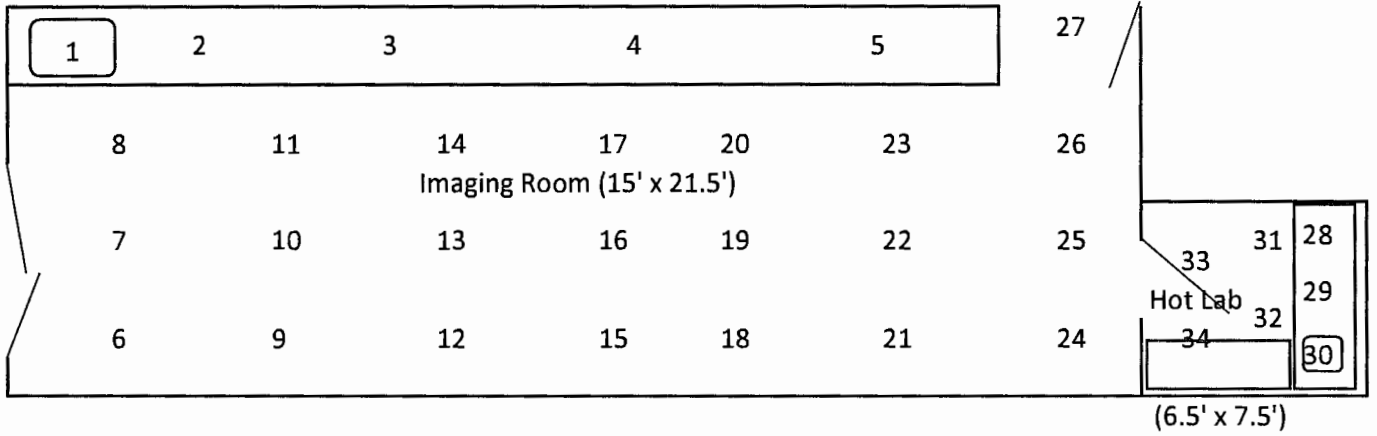
TESTED BY: Vincent McCormick, M.S.

DATE: May 17, 2016

RSO: 

Nuclear License Number: 21-15638-01

Lake Huron Medical Center - North Campus (L# 21-15638-01)
 Nuclear Medicine Close-Out
 July 5, 2016



Lake Huron Medical Center - North Campus (L# 21-15638-01)
 Nuclear Medicine Close-Out
 July 5, 2016

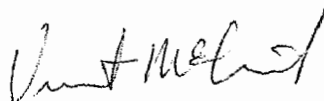
Area #	Location	Survey (mR/h)	Wipe (dpm)
1	Image Room - Sink	0.02	8
2	Image Room - Counter	0.02	32
3	Image Room - Counter	0.02	0
4	Image Room - Counter	0.02	8
5	Image Room - Counter	0.02	0
6	Image Room - Floor	0.02	0
7	Image Room - Floor	0.02	6
8	Image Room - Floor	0.02	0
9	Image Room - Floor	0.02	0
10	Image Room - Floor	0.02	0
11	Image Room - Floor	0.02	38
12	Image Room - Floor	0.02	74
13	Image Room - Floor	0.02	0
14	Image Room - Floor	0.02	32
15	Image Room - Floor	0.02	0
16	Image Room - Floor	0.02	0
17	Image Room - Floor	0.02	0
18	Image Room - Floor	0.02	0
19	Image Room - Floor	0.02	0
20	Image Room - Floor	0.02	0
21	Image Room - Floor	0.02	0
22	Image Room - Floor	0.02	0
23	Image Room - Floor	0.02	8
24	Image Room - Floor	0.02	0
25	Image Room - Floor	0.02	2
Background		0.02	0

Area #	Location	Survey (mR/h)	Wipe (dpm)
26	Image Room - Floor	0.02	0
27	Image Room - Floor	0.02	0
28	Hot Lab Counter	0.02	0
29	Hot Lab Counter	0.02	0
30	Hot Lab Sink	0.02	0
31	Hot Lab Floor	0.02	0
32	Hot Lab Floor	0.02	0
33	Hot Lab Floor	0.02	0
34	Hot Lab Floor	0.02	0
35	Stress 1 Floor	0.02	0
36	Stress 1 Floor	0.02	0
37	Stress 1 Floor	0.02	0
38	Stress 1 Floor	0.02	0
39	Stress 1 Floor	0.02	0
40	Stress 1 Floor	0.02	0
41	Stress 1 Floor	0.02	0
42	Stress 1 Floor	0.02	0
43	Stress 2 Floor	0.02	0
44	Stress 2 Floor	0.02	0
45	Stress 2 Floor	0.02	0
46	Stress 2 Floor	0.02	0
47	Stress 2 Floor	0.02	0
48	Stress 2 Floor	0.02	0
49	Stress 2 Floor	0.02	0
50	Stress 2 Floor	0.02	0

GM Survey Meter: Ludlum 14C with Thin End Window, SN 190065, Last calibrated: 2/15/2016

Well Counter: Capintec CRC-15W, SN 170584, Last QC: 7/5/2016
 Co-57 Efficiency determined to be 86% on 8/25/2015

Close-out performed by:



Vincent McCormick, M.S., DABR
 Radiological Physics Service



LAKE HURON
MEDICAL CENTER

formerly St. Joseph Mercy Port Huron

2601 Electric Avenue | Port Huron, Michigan 48060

NIETROPLEX

NI 480

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PM 16 L



U.S. POSTAGE >> PITNEY BOWES



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MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD
SUITE 210
LISLE, IL 60532-4352

mylakehuron.com

60532-435260

