



May 4, 2006

U.S. Nuclear Regulatory Commission  
Materials Licensing Branch  
Region III  
2443 ~~804~~ Warrenville Road Suite 210  
Lisle, IL 60532

Re: Amendment to 21-03646-03

Dear Madam or Sir:

We wish to amend our Materials License 21-03646-03. We have recently closed our diagnostic Nuclear Medicine service within our Ambulatory Care Center on Town Centre Road in Saginaw, Michigan. We wish to remove this area of use from our license.

All sealed sources were removed and properly transported to our main hospital campus hot lab. Leak tests on all sources as appropriate were performed in the first quarter, 2006. No sources were leaking. Minimal residual waste had decayed in storage to background levels.

Only diagnostic unit dose Nuclear Medicine services under 35.100 and 35.200 were conducted within the areas noted. We have performed closeout surveys and wipe tests revealing no residual activity. A map of the area and survey / wipe test results is enclosed for your review.

We wish to retain this address of use for possible prostate brachytherapy usage in the future as presently noted in our Materials License.

If you have any questions, please contact our Medical Nuclear Physicist, Thomas M. Kumpuris, M.S., DABR of Medical Physics Consultants, Inc., 800.321.2207.

Sincerely,

Michael Henne, COO

RECEIVED JUN 2 0 2006

**St. Mary's of Michigan - Ambulatory Care Center**

**License # 21-03646-03**

**Date:** 5/2/2006  
**Well Counter:** Captus  
**Survey Meter:** Ludlum 14C EWGM  
 Calibrated 07/14/05

**Performed By:** C. Christenson CNMT  
**MDA:** 19 dpm  
**Check Value:** 1.0 mR/hr

		cpm	net dpm	mR/h
1	Hallway	160.00	0	0.02
2	Hot Lab Door	165.00	0	0.02
3	Dose Prep	164.00	0	0.02
4	Hot Lab Counter	158.00	0	0.02
5	Hot Lab Floor	159.00	0	0.02
6	Pkg. Receipt	161.00	0	0.02
7	Inj. Chair	159.00	0	0.02
8	Dept. Door	150.00	0	0.02
9	Cam./ CPU	162.00		0.02
10	Cam Floor	164.00		0.02
11	Cam. Table	167.00		0.02
12	North Wall	155.00		0.02
13	South Wall	160.00		0.02
14	East Wall	156.00		0.02
15	West Wall	155.00		0.02
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	Background	168		0.02

**ACTION LEVELS:** 2000 dpm  
 < 0.2 mR/hr

**Efficiency (dpm/cpm):** 1.26

**COMMENTS:** No evidence of removable contamination.

**RSO Signature:** \_\_\_\_\_



# RADIOACTIVE MATERIAL TRANSFER - SHIPMENT FORM

FROM: NAME E. Corey Christensen N.R.C. License: Type SPECIAL # 21-03646-03  
 LICENSEE St. Mary's of Michigan Inc. PHONE \_\_\_\_\_

TO: NAME \_\_\_\_\_ N.R.C. License: Type SPECIAL # 21-03646-03  
 LICENSEE St. Mary's of Michigan Inc. PHONE \_\_\_\_\_

Radiation Safety Officer Approval:  
 (Sending Institution)

Name JACK WIERZBICKI Ph.D.  
 Licensee St. Mary's of Michigan  
 Address Saginaw  
 Signature \_\_\_\_\_

10CFR30.41 Verification: ☒ Copy of License ☐ Letter of Cert. ☐ Verbal (10 Day Written Confirm)

Radioactive Material N.O.S. UN 2982

## RADIOACTIVE MATERIAL DESCRIPTION AND MONITORING RESULTS

Radionuclide	Chem. and/or Physical Form	Activity mCi	Container Type	Exposure Rate (mR/hr) Contact	1 Meter	Wipe Test dpm	Label Category
CS-137	VIAL	196.8 mCi	VIAL	0.05 mR/hr	0.05 mR/hr	0	N/A
BA-133	VIAL	289.7 mCi	VIAL	3.2 mR/hr	0.5 mR/hr	0	N/A
CS-137	Rod	0.5 mCi	Rod	0.05 mR/hr	0.05 mR/hr	0	N/A
Co-57	Solid	20.0 mCi	Flood	3.2 mR/hr	0.04 mR/hr	0	N/A

MONITORED BY: E. Corey Christensen

DATE: 5/2/16

Survey Instrument: ☒ GM ☐ IC

Manufacturer: Ludlum

Model: HC

Describe Other \_\_\_\_\_

S/N: 167393

Calibration Date: 11/16/2016

Wipe Test Instrument: CAPTUS WELL

Manufacturer: CAPINSEC

Model: 600

S/N: \_\_\_\_\_

Wipe Test Minimum Detectable Activity (MDA)  $8.5 \times 10^{-4}$  mCi

MODE OF TRANSFER AND/OR SHIPMENT:

☐ Commercial Carrier ☒ Self ☐ Other

Explain Each:

SENDER: SIGNED \_\_\_\_\_ DATE: \_\_\_\_\_  
 TITLE \_\_\_\_\_ PHONE: \_\_\_\_\_  
 ADDRESS \_\_\_\_\_

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1 From

Date 6/17/06

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Dept of Radiology Phone 989 907-8219

Company

St Mary's Michigan

Address

800 S Washington Ave

City

Saginaw

State

MI

ZIP

48601

2 Your Internal Billing Reference

3 To

Recipient's Name

US Nuclear Reg. & Comm. Phone

Company

Michigan Liquor Board

Recipient's Address

P.O. Box 111 Saginaw MI 48601

Address

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Lithia Springs

State

GA

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