



ST. MARY'S
OF MICHIGAN

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

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
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
	Background	168		0.02

ACTION LEVELS: 2000 dpm Efficiency (dpm/cpm): 1.26
 < 0.2 mR/hr

COMMENTS: No evidence of removable contamination.

RSO Signature: _____



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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 PC PHONE _____

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

Radiation Safety Officer Approval: Name JACK WIERZBICKI Ph.D.
(Sending Institution) 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	Activity mCi	Container Type	Exposure Rate (mR/hr)		Wipe Test dpm	Label Category
	Physical Form			Contact	1 Meter		
CS-137	VIAL	196.8 uCi	VIAL	0.05 mR/hr	0.05 mR/hr	0	MLA
BA-133	VIAL	289.7 uCi	VIAL	3.2 mR/hr	0.5 mR/hr	0	MLA
CS-137	Rod	0.5 uCi	Rod	0.05 mR/hr	0.05 mR/hr	0	MLA
Co-57	Solid	20.0 uCi	Flood	3.2 mR/hr	0.04 mR/hr	0	MLA

MONITORED BY: E. Corey Christensen DATE: 5/2/16

Survey Instrument: GM IC Describe Other _____
Manufacturer: Ludlum Model: HC S/N: 167393
Calibration Date: 11/16/2006

Wipe Test Instrument: CAPVUS WELL
Manufacturer: CAPINSEC Model: 600 S/N: _____
Wipe Test Minimum Detectable Activity (MDA) 8.5 x 10⁻⁹ mCi

MODE OF TRANSFER AND/OR SHIPMENT: Commercial Carrier Self Other

Explain Each:

SENDER: SIGNED _____ DATE: _____
TITLE _____ PHONE: _____
ADDRESS _____

RECEIVER: SIGNED _____ DATE: _____
TITLE _____ PHONE: _____
ADDRESS _____

FedEx
emp: 546066 19JUN06

Deliver
20JUN06

TRK# 8571 5844 1607

FORM
0200

FedEx US Airbill
Express

FedEx Tracking Number 8571 5844 1607

60532 -IL-US

ORD
NC BDFA



1 From
Date 6/17/06

Sender's Name Dept of Radiology Phone 989 907-8219

Company St Mary of 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 Massachusetts Department of Energy Resources

Recipient's Address R-91 III
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address 2443 W...
City L... State IL ZIP 62532-4352



8571 5844 1607

Shipments. Customers outside the U.S., call your local
FedEx office.

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Federal Express Corporation

155478
155475
155475F25
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4a Express I

FedEx Prior
Next business day
Shipments will be
delivered SATURDAY

FedEx 2Day
Second business day
Shipments will be delivered
SATURDAY

4b Express Frio

FedEx 1Day Freight
Next business day
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

FedEx 2Day Freight
Second business day
Shipments will be delivered on Monday
unless SATURDAY Delivery is selected.

Packages over 150 lbs.
FedEx 3Day Freight
Third business day
Secondary Delivery NOT available.

5 Packaging

FedEx Envelope

FedEx Pak
Includes FedEx Small Pak,
FedEx Large Pak, and FedEx Shrinky Pak.

FedEx Box

FedEx Tube

Other

6 Special Handling

SATURDAY Delivery
Not available for
FedEx Standard Overnight,
FedEx First Overnight, FedEx Express
Saver, or FedEx 3Day Freight.

HOLD Waiting
at FedEx Location
Not available for
FedEx First Overnight.

HOLD Saturday
at FedEx Location
Available ONLY for FedEx Priority
Overnight and FedEx 2Day
to select locations.

Does this shipment contain dangerous goods?
One box must be checked.

No Yes
As per attached
Shipper's Declaration.

Yes
Shipper's Declaration
required.

Dry Ice
Dry Ice, I, UN 1845

Dangerous goods (including dry ice) cannot be shipped in FedEx Priority.

Cargo Aircraft Only

7 Payment

Sender's Account No. or Credit Card No. Index

Sender's Account No. or Credit Card No. Index

Recipient

Third Party

Credit Card

Cash/Check

8 NEW Residential Delivery Signatures Options

No Signature Required
Package may be left without obtaining a signature for delivery.

Direct Signature
Anyone at recipient's address may sign for delivery. For applic.

Indirect Signature
If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. For applic.

520

Air Waybill for more details.



Insert
airbill
here

fedex.com 1.800.GoFedEx 1.800.463.3339

fedex.com 1.800.GoFedEx 1.800.463.3339