



June 21, 2010

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

Re: 13-09788-01 Amendment Request

Dear Madam or Sir:

We wish to amend our Materials License # 13-09788-01 as follows

REMOVE ADDRESS OF USE

Please remove the following address of use from our Material License:

Lafayette Home Hospital
2400 South Street
Lafayette, Indiana 47904

This facility was closed as of 02/25/10 and all Nuclear Medicine services and radioactive material moved to our St Elizabeth East Campus at 1701 South Creasy Lane, Lafayette, Indiana 47905 on 02/24/10 by Cardinal Health Nuclear Pharmacy personnel.

Historically this facility offered a full spectrum of unit dose radiopharmaceutical diagnostic and therapy services, including prostate seed brachytherapy. PET scanning was performed by contracted mobile services fully within their licensed vehicles. At the time of facility closure only unit dose diagnostic and therapeutic (I-131) Nuclear Medicine services were provided.

In support of this request we have enclosed:

- NRC Form 314
- Sealed Source Leak Tests showing no removable contamination
- Closeout surveys and wipe test results indicating no residual contamination
- Diagram of the facility noting survey / wipe test locations

If you have any questions regarding this matter, please contact our Medical Nuclear Physicist, Thomas M. Kumpuris, M.S., FACR of Medical Physics Consultants, Inc. 800-321-2207 and / or tkumpuris@mpcphysics.com.

Sincerely,

Executive Management

RECEIVED JUN 25 2010

(4-2008)
10 CFR 30.36(j)(1); 40.42(j)(1);
70.38(j)(1); and 72.54(k)(5)(1)(1)

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

Lafayette Home Hospital
2400 South Street
Lafayette, IN 47904

LICENSE NUMBER

13-09788-01

DOCKET NUMBER

030-01642

LICENSE EXPIRATION DATE

11/30/2013

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:
Saint Elizabeth Regional East 13-019788-01 by Cardinal Health
 - 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:

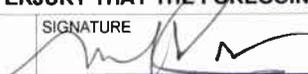
NAME David Reisman	TITLE CNMT	TELEPHONE (Include Area Code) (765) 502-4742	E-MAIL ADDRESS
------------------------------	----------------------	--	----------------

Mail all future correspondence regarding this license to:

SERH Nuclear Medicine Department 1701 South Creasy Lane Lafayette, IN 47904

C. CERTIFYING OFFICIAL

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

PRINTED NAME AND TITLE Michael F Busch MD RSO	SIGNATURE 	DATE 6/21/10
---	---	------------------------

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.



Sealed Source Inventory

Licensee: St. Elizabeth Regional Health - Home Campus

Date: 12/14/09

Performed by: Thomas Kumpuris

Calibration

Nuclide	Type	Activity	Date	Location	M/N	S/N
Cs-137	Vial	210 uCi	08/02/77	Hot Lab	NES-356	31902604
Current Activity: 99.377 uCi						
Ba-133	Vial	237 uCi	01/21/94	Hot Lab	EGAG50	4368/236
Current Activity: 84.917 uCi						
Cs-137	Spot	10 uCi	01/01/99	IonCh2	IPL	587-4
Current Activity: 7.764 uCi						
Cs-137	Spot	10 uCi	11/01/94	IonCh1	IPL	471-70
Current Activity: 7.051 uCi						
Cs-137	Rod	1 uCi		Hot Lab	PICKER	251194
Current Activity: uCi						
Cs-137	Spot	5 uCi		Hot Lab	NUCLEUS	ORANGE
Current Activity: uCi						
Sr-90	Eye Tx	55 mCi	07/25/89	Storage HL	Amersham	ARCB1173
Current Activity: 33.845 mCi						
Co-57	FF	10 mCi	03/01/09	Hot Lab	IPL	1347-173
Current Activity: 4.787 mCi						

SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter: Ludlum

Max Reading: 0.03 mR/hr

RADIATION SAFETY OFFICER: _____



Sealed Source Leak Test

Licensee: St. Elizabeth Regional Health - Home Campus

Date: 12/14/09

Performed by: Thomas Kumpuris

Nuclide	Type	Calibration		Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	210 uCi	08/02/77	Hot Lab	NES-356	31902604
Current Activity: 99.377 uCi						
Co-57	FF	10 mCi	03/01/09	Hot Lab	IPL	1347-173
Current Activity: 4.787 mCi						

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

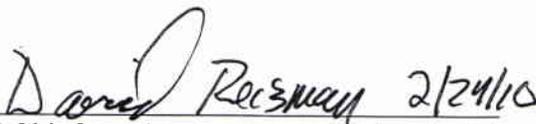
Well Counter: Captus 3000

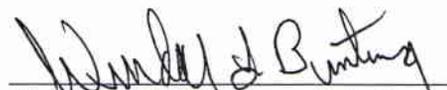
Nuclide	MDA	Background
Cs-137	2.0×10^{-4} uCi	145 counts/1 min
Ba-133	8.8×10^{-5} uCi	204 counts/1 min
Co-57	1.7×10^{-5} uCi	53 counts/1 min

RADIATION SAFETY OFFICER: _____

The following radioactive sources were transferred from Home Hospital 2400 South Street room 1135.6 to SE EAST 1701 South Creasy Lane room 1G62 on 2/24/10 by a Cardinal Health Pharmacy representative. All radioactive sources were leak tested by SERH chief technologist and had (0 dpm) removable contamination.

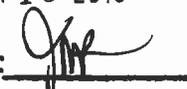
	serial#	location	cal date	cal act	current act
1. Cs-137 Button Source	0000 ✓	GM meter	9/1/87	1uci	.5947uci
2. Cs-137 Button Source	471-70 ✓	GM meter	11/1/04	10uci	7.0125 uci
3. Cs-137 Button Source	0000 ✓	GM meter	9/1/87	1uci	.597uci
4. Cs-137 Button Source	587-4 ✓	GM meter	1/1/99	10uci	7.71uci
5. Cs-137 Button Source	3828 ✓	HL Drawer	12/97	10uci	7.56uci
6. Cs-137 Button Source	0000 ✓	HL Drawer	????	????	3mrem/hr@surface
7. Co-57 Button Source	0000 ✓	HL Drawer	10/02	5uci	.01uci
8. Cs-137 Rod Source	251194 ✓	HL Drawer	11/14/77	.800uci	.379uci
9. Cs-137 Vial Source	NES356 ✓	HL Drawer	8/2/77	210uci	99.05uci
10. Ba-133 Vial Source	4368/236 ✓	HL Drawer	1/21/94	237uci	81.19uci
11. Co-57 Sheet Source	1347-173 ✓	Hot Lab	3/1/09	10mci	3.54mci
12. Sr-90 therapy Source	ARC-BI-173 ✓	HL Drawer	6/30/66	88 Beta reps/sec	


SERH Chief Nuclear Medicine Technologist


Cardinal Health Representative

Medical Physics Consultants, Inc.

MAR 15 2010

Reviewed by: 



St. Elizabeth
REGIONAL HEALTH

Sisters of St. Francis Health Services

St. Elizabeth East
1701 South Creasy Lane
Lafayette, Indiana 47905

St. Elizabeth Central
1501 Hartford Street
Lafayette, Indiana 47904

(765) 502-4000
www.ste.org

Lafayette Home Hospital Nuclear Medicine Department 2400 South Street Lafayette, IN 47905

Area Wipes labeled 1-----21.





**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

OCT 22 2009

Michael F. Busch, M.D.
Radiation Safety Officer
St. Elizabeth Regional Health
d/b/a Greater Lafayette Health Services, Inc.
Nuclear Medicine Dept.
2400 South Street
Lafayette, IN 47904-3027

Dear Dr. Busch:

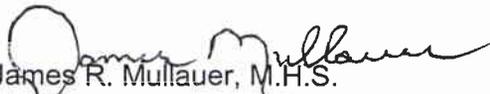
Enclosed is Amendment No. 61 to your NRC Material License No. 13-09788-01 in accordance with your request dated September 15, 2009. Please note that the changes made to your license are printed in **bold** font.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,


James R. Mullauer, M.H.S.
Health Physicist
Materials Licensing Branch

License No. 13-09788-01
Docket No. 030-01642

Enclosure: Amendment No. 61

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 61

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. St. Elizabeth Regional Health d/b/a Greater Lafayette Health Services, Inc. Nuclear Medicine Department</p> <p>2. 2400 South Street Lafayette, IN 47904-3027</p>	<p>In accordance with letter dated September 15, 2009,</p> <p>3. License number 13-09788-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2013</p> <hr/> <p>5. Docket No. 030-01642 Reference No.</p>
--	---

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. As needed (not to exceed 1 curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (Mills Biopharmaceuticals Model I-125 SL & SH; Best Industries Model 2300 series; Theragenics Model 200; Nuclear Enterprises Model 2503/3; IAI-125A (Advantage™ I-125))	D. One curie
E. Any byproduct material permitted by 10 CFR 35.500	E. Sealed sources (North American Scientific, Inc. Model MED 3601, Du Pont Merck Pharmaceutical Company Model NES-8412 or Isotopes Products Laboratories, Inc. Model A3410)	E. 0.3 curies per source and 2 curies total

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-09788-01

Docket or Reference Number
030-01642

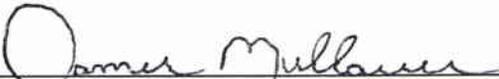
Amendment No. **61**

Sam Hansen, M.D.	10 CFR 35.100, 35.200, and 35.500.
Alexander Boutselis, M.D.	10 CFR 35.100, 35.200, 35.300, and 35.500.
Paul E. Gandy, M.D.	10 CFR 35.100, 35.200 and 35.300.
William J. Miller, M.D.	10 CFR 35.100, 35.200, and 35.300.
Loubna T. Scally, M.D.	10 CFR 35.400
Michael F. Busch, M.D.	10 CFR 35.100, 35.200 and 35.300.

13. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
14. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
15. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application August 29, 2003; and
- B. Letters dated November 25, 2003, February 26, 2004, and March 16, 2009.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date OCT 22 2009

By 
James R. Mullauer, M.H.S.
Materials Licensing Branch
Region III

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-09788-01

Docket or Reference Number
030-01642

Amendment No. 61

9. Authorized Use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
 - B. Any imaging and localization study permitted by 10 CFR 35.200.
 - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
 - D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
 - E. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

CONDITIONS

10. Licensed material listed in Subitems 6.A. through 6.E. shall be used at the licensee's facilities located at Lafayette Home Hospital, 2400 South Street, Lafayette, Indiana, St. Elizabeth Medical Center, 1501 Hartford Street, Lafayette, Indiana, and 1701 S. Creasy Lane, Lafayette, Indiana.
11. The Radiation Safety Officer is **Michael F. Busch, M.D.**
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
David R. Schmidt, M.D.	10 CFR 35.200 and 35.500.
Adel Yaacoub, M.D.	10 CFR 35.200 and 35.500.
Irene C. Gordon, M.D.	10 CFR 35.300, 35.400 and 35.500.
Debbie Wright, M.D.	10 CFR 35.200 and 35.500.
Robert Mehl, M.D.	10 CFR 35.100, 35.200, 35.300 (limited to sodium iodide I-131) and 35.500.
John F. Fiederlein, M.D.	10 CFR 35.100, 35.200, 35.300, and 35.500.
Steven B. Jones, M.D.	10 CFR 35.100, 35.200, and 35.300 (for iodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries), and 35.500.

EXPRESS

27
52

fedex.com 1.800.GoFedEx 1.800.463.3339
RECIPIENT: PEEL HERE

S

FedEx. US Airbill
Express

FedEx Tracking Number

8710 3779 1212

RT **461** 6 **D**
FZ 1212
06.25

FedEx.
TRK# 8710 3779 1212
0215

MON - 28 JUN A1
EXPRESS SAVER

SE ENLA

60532
IL-US
ORD



Emp# 491591 23JUN10 LAFA

Recipient's Copy

1 From This portion can be removed for Recipient's records.
Date 6/23/2010 FedEx Tracking Number 871037791212

Sender's Name David Reisman Phone 765 502-4742

Company HOME HOSPITAL SERH East Campus

Address 2406 SOUTH 1701 South Circus Lane

City LAFAYETTE State IN ZIP 47904-3027

2 Your Internal Billing Reference

3 To
Recipient's Name US NRC Region 3 Phone _____

Company Materials Licensing Branch
HOLD Weekday (Print FedEx location address below. NOT available for FedEx First Overnight.)
HOLD Saturday (Print FedEx location address below. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.)

Address 2143 Warrenville Road

Address Suite 210

City Lisle State IL ZIP 60532

0412753235



8710 3779 1212

4a Express Package Service *To meet business. Packages up to 150 lbs.
 FedEx Priority Overnight (Next business morning. *Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.)
 FedEx Standard Overnight (Next business afternoon. *Saturday Delivery NOT available.)
 FedEx 2Day (Second business day. *Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.)
 FedEx Express Saver (Third business day. *Saturday Delivery NOT available.)

4b Express Freight Service **To meet business. Packages over 150 lbs.
 FedEx 1Day Freight (Next business day. *Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.)
 FedEx 2Day Freight (Second business day. *Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.)
 FedEx 3Day Freight (Third business day. *Saturday Delivery NOT available.)

5 Packaging *Declared value limit \$500.
 FedEx Envelope* FedEx Pak* (Includes FedEx Small Pak, FedEx Large Pak, and FedEx Shrinky Pak.) FedEx Box FedEx Tube Other

6 Special Handling and Delivery Signature Options
 SATURDAY Delivery (NOT available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 2Day Freight.)
 No Signature Required (Package may be left without affixing a signature for delivery.)
 Direct Signature (Someone at recipient's address may sign for delivery. Fee applies.)
 Indirect Signature (If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.)

Does this shipment contain dangerous goods?
None has must be checked.
 No Yes (Dry Ice, 9 UN 1845) Dry Ice (Dry Ice, 9 UN 1845) Cargo Aircraft Only
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment Bill to:
Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.
 Sender (Acct. No. is required. FedEx bill) Recipient Third Party Credit Card Cash/Check
Total Packages _____ Total Weight _____ Credit Card Auth. _____

Your liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

553

Rev. Date 12/04/09 #158270-01/09-2008 FedEx-PRINTED IN U.S.A.-D&S

Align bottom of Peel and Stick Airbill or Pouch here.