



Southern Indiana Physicians

May 19, 2017

U. S. Nuclear Regulatory Commission
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Dear Sir or Madam:

Premier Healthcare, LLC would like to provide notice of a transfer of control of its Byproduct Materials License, Number 13-32020-01, to IU Health Southern Indiana Physicians. The name of the licensee will now be IU Health Southern Indiana Physicians Cardiology. Additional information in support of this change is enclosed below:

1. The Premier Healthcare group was acquired by IU Health Southern Indiana Physicians through a sales transaction whereupon all assets and liabilities were purchased, and whereupon the group is now doing business, under the IU Health Southern Indiana Physicians Tax ID. This acquisition is effective May 1, 2017. All existing certifications and licenses have been, or are being, transferred to the current owner, IU Health Southern Indiana Physicians. Please contact Elizabeth Thompson at 812-353-4817 for any additional questions regarding the acquisition.
2. The Chief Executive Officer for the licensee will now be Elizabeth Thompson. The new Medical Director and Authorized User for the license will be Dr. Jennifer Peterson Goldspiel. Dr. Peterson Goldspiel is currently listed as an Authorized User on the license of Indiana University Health Bloomington Hospital, NRC license number 13-10408-02. Additionally, Dr. Gregory Sutliff will no longer be working at the facility and can be removed from the license. No changes will be made to technical staff or the RSO position.
3. There will be no changes in the organization, location, facilities, equipment, or procedures that relate to the licensed program.
4. The current surveillance program meets NRC guidelines and no changes in status will occur with the transfer of control.
5. Decommissioning will not occur as there is no disruption in service during the transfer of control.
6. The transferee will abide by all constraints, conditions, requirements, and commitments of the transferor.

If there are any questions concerning this license amendment, please contact Mr. Bryce A. Caudle, at 317-443-9035, by email at bcaudle@mpcphysics.com, or by fax at 317-581-1931.

Sincerely,

Elizabeth Thompson, Service Line Administrator
IU Health Southern Indiana Physicians
Premier Multispecialty Group
550 S. Landmark Avenue
Bloomington, IN 47403
812-353-4817
Ethompson2@iuhealth.org

RECEIVED JUN 12 2017



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 19405-2713

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 13-32020-01
- C. RENEWAL OF LICENSE NUMBER _____

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

IU Health Southern Indiana Physicians Cardiology
550 Landmark Avenue
P.O. Box 550
Bloomington, IN 47403-0550

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

IU Health Southern Indiana Physicians Cardiology
550 Landmark Avenue
P.O. Box 550
Bloomington, IN 47403-0550

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Bryce Caudle

BUSINESS TELEPHONE NUMBER

(317) 443-9035

BUSINESS CELLULAR TELEPHONE NUMBER

(317) 443-9035

BUSINESS EMAIL ADDRESS

bcaudle@mpcphysics.com

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

Elizabeth Thompson, Chief Executive Officer

SIGNATURE

DATE

5-25-17

FOR NRC USE ONLY

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



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

JUN 15 2016

Patrick J. Byrne, DABR, CHP, DABSNM
Radiation Safety Officer
Indiana University Health Bloomington Hospital
P.O. Box 1149
Bloomington, IN 47402

Dear Mr. Byrne:

Enclosed is Amendment No. 72 to your NRC Material License No. 13-10408-02 in accordance with your request. Please also note that we have deleted Condition No. 13 in accordance with current NRC policy to include the reference to Title 10 of the *Code of Federal Regulations*, Part 71, "Packaging and Transportation of Radioactive Material," in the preamble, on page 1 of the license. 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.

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390, a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in cursive script that reads "Sara A. Forster".

Sara A. Forster, M.S.
Health Physicist
Materials Licensing Branch

License No. 13-10408-02
Docket No. 030-01644

Enclosure: Amendment No. 72

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, 37, 39, 40, 70, and 71, 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.

Licensee	In accordance with letter dated January 28, 2016,
1. Indiana University Health Bloomington Hospital	3. License number 13-10408-02 is amended in its entirety to read as follows:
2. P.O. Box 1149 Bloomington, IN 47402	4. Expiration date November 30, 2020
	5. Docket No. 030-01644 Reference No.

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. 1 curie
D. Iodine-125 permitted by 10 CFR 35.400	D. Sealed sources (Best Medical International, Inc. Model 2300 Series, 3M Health Physics Services Model 6711, and Bard Brachytherapy Inc. Model STM 1251)	D. 1.5 curies
E. Palladium-103 permitted by 10 CFR 35.400	E. Sealed sources (Theragenics Corp. TheraSeed Model 200)	E. 500 millicuries
F. Cesium-131 permitted by 10 CFR 35.400	F. Sealed sources (IsoRay Model CS-1)	F. 500 millicuries
G. Any byproduct material permitted by 10 CFR 31.11	G. Prepackaged Kits	G. 2 millicuries

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. through F. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
 - G. In vitro studies.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-10408-02

Docket or Reference Number
030-01644

Amendment No. 72

CONDITIONS

10. A. Licensed material shall be used only at the licensee's facilities located at 605-625 West Second Street, Bloomington, Indiana.
- B. **Licensed material listed in Subitems 6.A. through 6.C. may also be used at the licensee's facilities located at 500 Landmark Avenue, Bloomington, Indiana.**
- C. Licensed material listed in Subitem 6.C., limited to strontium-89, phosphorus-32, and samarium-153, may be received and used at the licensee's facilities located at 2620 Cota Drive, Indiana.
11. The Radiation Safety Officer (RSO) for this license is Patrick J. Byrne, DABR, CHP, DABSNM.
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 medical use as indicated:

Authorized Users

Material and Use

David Y. Lee, M.D.

10 CFR 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries and to the parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV), 35.400, and 31.11.

Sean M. Flynn, M.D.

10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.

Douglas D. Geiger, M.D.

10 CFR 35.100, 35.200, and 31.11.

Bruce N. Monson, M.D.

10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.

Mark A. Bisesi, M.D.

10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.

Chris W. McGary, M.D.

10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.

John Alexander, M.D.

10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number 13-10408-02
Docket or Reference Number 030-01644
Amendment No. 72

Authorized Users

Material and Use

Jonathan A. Staser, M.D.	10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.
Jennifer Peterson Goldspiel, M.D.	10 CFR 35.100 and 35.200.
Per Amundson, M.D.	10 CFR 35.100, 35.200, and 35.300.
George K. Wolfer, Jr., M.D.	10 CFR 35.100, 35.200, 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries), and 31.11.
Neal David Abdullah, M.D.	10 CFR 35.100, 35.200, and 31.11.
Todd A. Winkler, M.D.	10 CFR 35.100, 35.200, and 31.11.
Nicholas P. Miller, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131).

13. 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 dated June 11, 2010 (ML101750066)
- B. Letter dated March 13, 2012 (ML12088A162, with attached facility diagram)
- C. Letter dated April 5, 2013 (ML13101A144)
- D. **Letter dated January 28, 2016 (ML16077A339)**
- E. **Letter dated March 20, 2016 (ML16084A947)**
- F. **Letter dated June 15, 2016 (ML16166A392)**

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JUN 15 2016

By Sara A. Forster
 Sara A. Forster, M.S.
 Materials Licensing Branch
 Region III

