

U.S. NUCLEAR REGULATORY COMMISSION

QC 02/21

575819

No. 5

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-702), 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>Licensee</p> <ol style="list-style-type: none"> Indiana University Health Starke Hospital 102 East Culver Road Knox, IN 46534 	<p>In accordance with the letter dated August 03, 2011,</p> <ol style="list-style-type: none"> License number 13-15399-02 is amended in its entirety to read as follows: Expiration date February 28, 2021 Docket No. 030-35485 Reference No.
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<ol style="list-style-type: none"> Byproduct, source, and/or special nuclear material <ol style="list-style-type: none"> Any byproduct material permitted by 10 CFR 35.100 Any byproduct material permitted by 10 CFR 35.200 	<ol style="list-style-type: none"> Chemical and/or physical form <ol style="list-style-type: none"> Any Any 	<ol style="list-style-type: none"> Maximum amount that licensee may possess at any one time under this license <ol style="list-style-type: none"> As needed As needed
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9. Authorized use:

- Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- Any imaging and localization study permitted by 10 CFR 35.200.

CONDITIONS

- Licensed material may be used or stored only at the licensee's facilities located at 102 East Culver Road, Knox, Indiana.
- The Radiation Safety Officer for this license is **Stan Buhr**.
- Licensed material is only authorized for use by, or under the supervision of:
 - Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - The following individuals are authorized users for medical use as indicated:

Authorized Users

Hester Muller, M.D.

Material and Use

10 CFR 35.100 and 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
13-15399-02

Docket or Reference Number
030-35485

Amendment No. 5

Authorized Users

Material and Use

Smari Thordarson, M.D.

10 CFR 35.100 and 35.200

John E. DePersio, M.D.

10 CFR 35.100 and 35.200

Krishna R. Pillai, M.D.

10 CFR 35.100 and 35.200

- 13. 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.
- 14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 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 dated August 27, 2010;
 - B. Letters received November 17, 2010 and page 11 received January 25, 2011 signed by Josephine Klicek, and letter received November 24, 2010, and pages 5 and 6 and Item 11: Waste Management, received January 25, 2011, signed by Josephine Klicek; and
 - C. Letters dated August 3, 2011 (with Delegation of Authority to Radiation Safety Officer Memorandum attachment), October 25, 2011 and December 9, 2011 (with Change of Control Information attachment).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 09 2012

By William P. Reichold
William P. Reichold
Materials Licensing Branch
Region III