

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.

<p>Licensee</p> <p>1. Indiana University Health North Hospital</p> <p>2. 11700 North Meridian St. Carmel, IN 46032</p>		<p>In accordance with letter dated December 19, 2018,</p>	<p>4. Expiration Date: February 28, 2026</p>
		<p>3. License No.: 13-32602-01 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-37059 Reference No.:</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 300 millicuries total</p>	<p>9. Authorized use</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.</p>

CONDITIONS

- 10. A. Licensed material may be used or stored at the licensee's facilities located at 11700 North Meridian St., Carmel, Indiana.
- B. Licensed material in Subitem Nos. 6.A. and 6.B. may be used or stored at the licensee's facilities located at Indiana University Health Tipton Hospital, 1000 South Main St., Tipton, Indiana.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
13-32602-01

Docket or Reference No.
030-37059

Amendment No. 5

11. The Radiation Safety Officer (RSO) for this license is Robert T. Anger, Jr.
12. Licensed material shall only be used by, or under the supervision of:
- A. Individuals permitted to work as either authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.
- B. The following individuals are authorized users for the material and medical uses as indicated:

Authorized User

Vasantha Aaron, M.D.

William Berry, M.D.

Mark Estrada, M.D.

Yazid Fadl, M.D.

James Fletcher, M.D.

Nathan D. Lambert, M.D.

Chao-Wen Wang Lee, M.D.

Ronald Mastouri, M.D.

Justin B. Sims, M.D.

Mark Tann, M.D.

Steven Westphal, M.D.

Material and Use

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

10 CFR 35.100, 10 CFR 35.200

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

10 CFR 35.200

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

10 CFR 35.200

10 CFR 35.100, 10 CFR 35.200

10 CFR 35.200

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300 (limited to oral administration of sodium iodide I-131)

10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

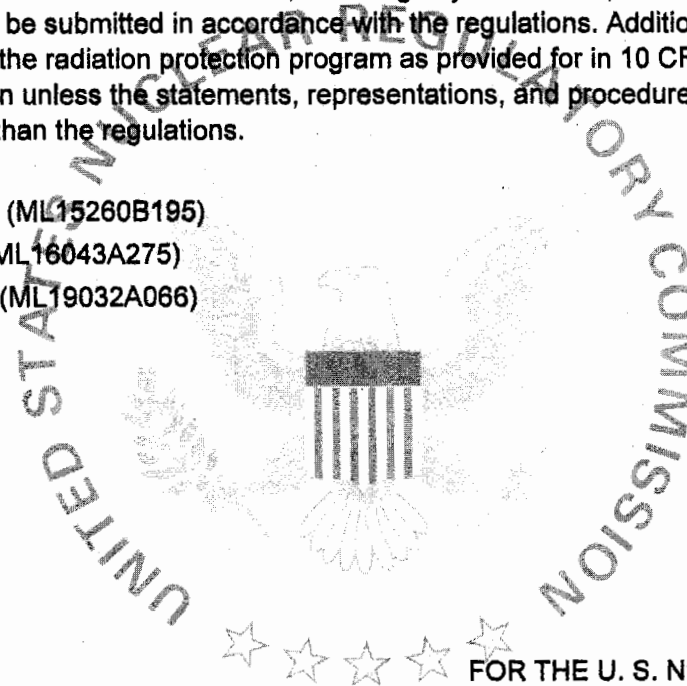
10 CFR 35.100, 10 CFR 35.200, 10 CFR 35.300

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No.
13-32602-01Docket or Reference No.
030-37059

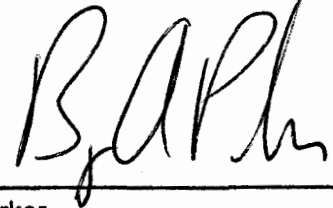
Amendment No. 5

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. Letter dated September 10, 2015 (ML15260B195)
- B. Letter dated February 10, 2016 (ML16043A275)
- C. Letter dated December 19, 2018 (ML19032A066)



FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Date: APR 29 2019By: 
Bryan A. Parker
Region III