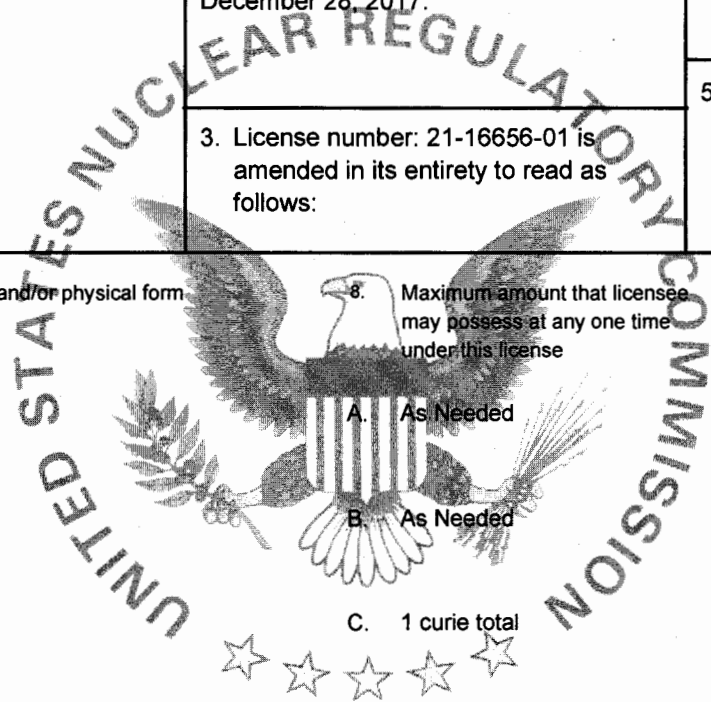


MATERIALS LICENSE

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. Beaumont Hospital Trenton</p> <p>2. 5450 Fort St. Trenton, MI 48183</p>	<p>In accordance with letter dated December 28, 2017.</p>	<p>4. Expiration Date: September 30, 2021</p>
	<p>3. License number: 21-16656-01 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-11427 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. 1 curie total</p>	<p>9. Authorized use</p> <p>A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.</p> <p>B. For use in imaging and localization studies permitted by 10 CFR 35.200.</p> <p>C. For any use permitted by 10 CFR 35.300.</p>
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CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 5450 Fort St., Trenton, Michigan, 48183.

11. The Radiation Safety Officer (RSO) for this license is Donald J. Conn, M.D.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
21-16656-01

Docket or Reference Number
030-11427

Amendment No. 27

12. Licensed material shall only be used by, or under the supervision of:

- A. Individuals permitted to work as 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(M.D.,D.O.,etc.)

Material and Use

Ronald C. Lutsic, D.O.

10 CFR 35.300

Sleman A. Khoury, M.D.

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

Bruno F. Borin, D.O.

10 CFR 35.100,10 CFR 35.200

James J. Kochdodan, M.D.

10 CFR 35.100,10 CFR 35.200

Reza Abghari, M.D.

10 CFR 35.100,10 CFR 35.200

David S. Yates, M.D.

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

Gregory D. Olson, M.D.

10 CFR 35.100,10 CFR 35.200

Jerry W. Drake, M.D.

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

Dong Hyuck Kim, M.D.

10 CFR 35.100,10 CFR 35.200

John H. Finger, M.D.

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

Sophia Roumanis, M.D.

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

Donald J. Conn, M.D.

10 CFR 35.100,10 CFR 35.200,10 CFR 35.300

Rob Allen Reed, M.D.

10 CFR 35.100,10 CFR 35.200

Vito A. Casano, M.D.

10 CFR 35.100,10 CFR 35.200

Michael F. Zydeck, M.D.

10 CFR 35.100,10 CFR 35.200

Jeffrey V. Tranchida, M.D.

10 CFR 35.100,10 CFR 35.200

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

21-16656-01

Docket or Reference Number

030-11427

Amendment No. 27

Authorized User(M.D.,D.O.,etc.)

Vladislav Jankulov, M.D.

Ashok B. Jain, M.D.

Caroline N. Henein, D.O.

Sharif M. Kershah, M.D.

Jessica M. Kaniowski, M.D.

Ronald J. Meade, M.D.

Lisa B. Awan, M.D.

Material and Use

10 CFR 35.100,10 CFR 35.200

10 CFR 35.100,10 CFR 35.200

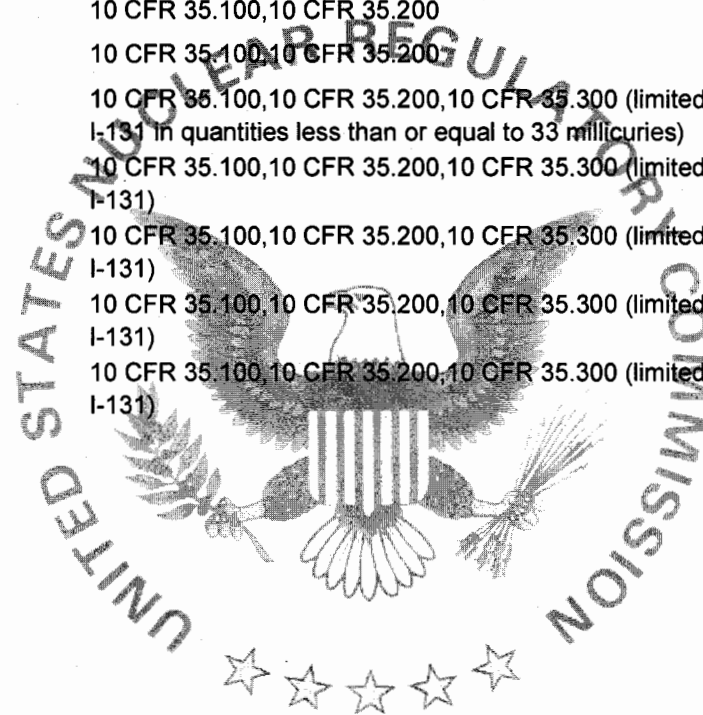
10 CFR 35.100,10 CFR 35.200,10 CFR 35.300 (limited to oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)

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 (limited to oral administration of sodium iodide I-131)

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 (limited to oral administration of sodium iodide I-131)



**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
21-16656-01Docket or Reference Number
030-11427

Amendment No. 27

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 April 20, 2011 (ML111120300)
- B. Letter dated September 12, 2011 (ML 112840044)
- C. Letter dated March 19, 2013 (ML13094A476)
- D. Letter dated March 4, 2014 (ML14072A204)
- E. Letter dated July 18, 2014 (ML14203A325)
- F. Letter dated October 6, 2014 (ML14302A755)
- G. Letter dated May 8, 2015 (ML15133A375)
- H. Letter dated February 22, 2017 (ML17060A634)
- I. Letter dated March 6, 2018 (ML18074A286)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: APR 02 2018By: Cassandra F. Frazier
Region III