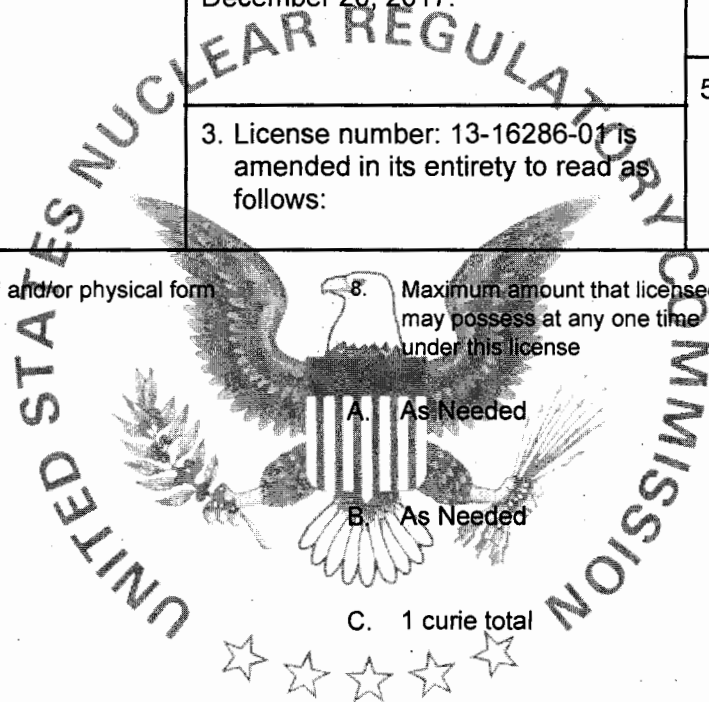


MATERIALS LICENSE

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. Riverview Health</p>	<p>In accordance with letter dated December 20, 2017.</p>	<p>4. Expiration Date: October 31, 2020</p>
<p>2. 395 Westfield Rd. P.O. Box 220 Noblesville, IN 46060</p>	<p>3. License number: 13-16286-01 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-10729 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	9. Authorized use
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 1 curie total	C. For any use permitted by 10 CFR 35.300.
D. Any byproduct material permitted by 10 CFR 31.11	D. Prepackaged Kits	D. 200 millicuries total	D. For use in in-vitro studies.

CONDITIONS

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10. Licensed material may be used or stored at the licensee's facilities located at 395 Westfield Rd., Noblesville, Indiana, 46060.

11. The Radiation Safety Officer (RSO) for this license is Phillip R. Partian, RT.

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

Anthony J. Cossell, M.D.

10 CFR 35.100, 35.200, and 31.11

Richard L. Hallett, M.D.

10 CFR 35.100, 35.200, and 35.300

John Mark Michael, M.D.

10 CFR 35.100, 35.200, and 35.300

Peter D. Arfken, M.D.

10 CFR 35.100, 35.200, and 35.300

John A. Morton, M.D.

10 CFR 35.100, 35.200, 35.300, and 31.11

Margaret Brengle, M.D.

10 CFR 35.100 and 35.200

Jeffrey I. Reider, M.D.

10 CFR 35.100 and 35.200

Homer F. Beltz, M.D.

10 CFR 35.100 and 35.200

Michael S. Skulski, M.D.

10 CFR 35.100 and 35.200

Steven A. Fritsch, M.D.

10 CFR 35.100 and 35.200

Janalyn P. Ferguson, M.D.

10 CFR 35.100 and 35.200

Jane S. Mitchell, M.D.

10 CFR 35.100 and 35.200

Jack J. Moss, M.D.

10 CFR 35.100 and 35.200

Lori J. Wells, M.D.

10 CFR 35.100 and 35.200

Eric D. Elliott, M.D.

10 CFR 35.100 and 35.200

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Authorized User(M.D.,D.O.,etc.)
Material and Use

Charles A. Lerner, M.D.	10 CFR 35.100 and 35.200
Thomas Hagman, M.D.	10 CFR 35.100, 35.200, and 35.300
Brian J. Weigel, M.D.	10 CFR 35.100, 35.200, and 35.300
Jack M. Drew, M.D.	10 CFR 35.100, 35.200, and 35.300
David R. Gulliver, M.D.	10 CFR 35.100, 35.200, and 35.300
J. Michael Phelps, Jr., M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Timothy L. David, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Theodore P. Labus, M.D.	10 CFR 35.100, 35.200, and 35.300
Cristina N. Shinaver, M.D.	10 CFR 35.100, 35.200, and 35.300
Caryn Cockerill Anderson, M.D.	10 CFR 35.100 and 35.200
Warren Kent Hansen, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Carlo Robert Lazzaro, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Frank J. Pistoia, M.D.	10 CFR 35.100 and 35.200
Charles C. Mulry, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Eric E. Beltz, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries)
Laura Dugan, M.D.	10 CFR 35.100 and 35.200
Edward R. Bartley, M.D.	10 CFR 35.100 and 35.200
Parin Bhayani, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131)
Matthew M. Jones, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131)
Matthew Locker, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131)
Shrey K. Thawait, M.D.	10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131)

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

Joshua D. Dowell, M.D.

Martha Dwenger, M.D.

Patricia Ellen Ladd, M.D.

Andrew J. Sundblad, M.D.

Marc P. Underhill, M.D.

Vincent L. Flanders, M.D.

Ryan N. Sauer, M.D.

Larry L. Stover, M.D.

Kelly K. Horst, M.D.

Anwar T. Ashraf, M.D.

Jaimie M. Howell, M.D.

Rishi Mhapsekar, M.D.

Jack M. Drew, M.D.

Material and Use

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

10 CFR 35.100, 35.200, and 35.300

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

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

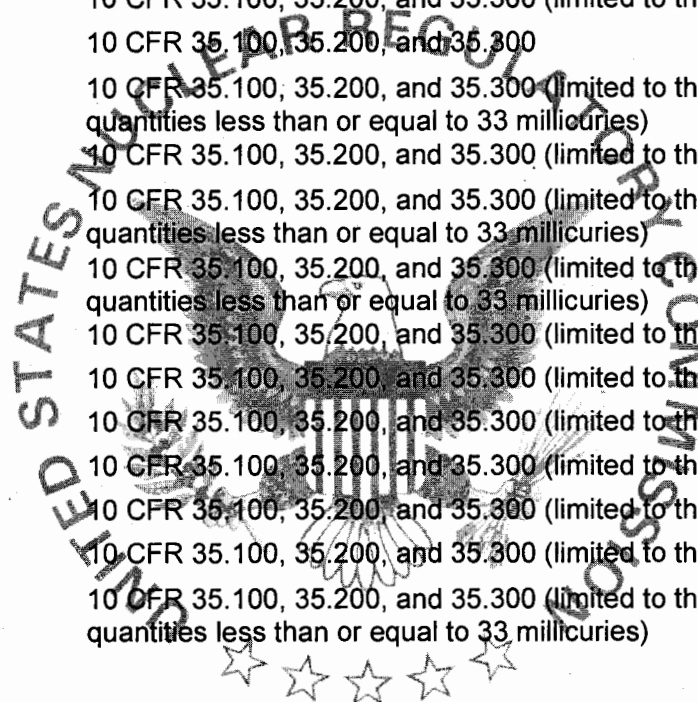
10 CFR 35.100, 35.200, and 35.300 (limited to the oral administration of sodium iodide I-131)

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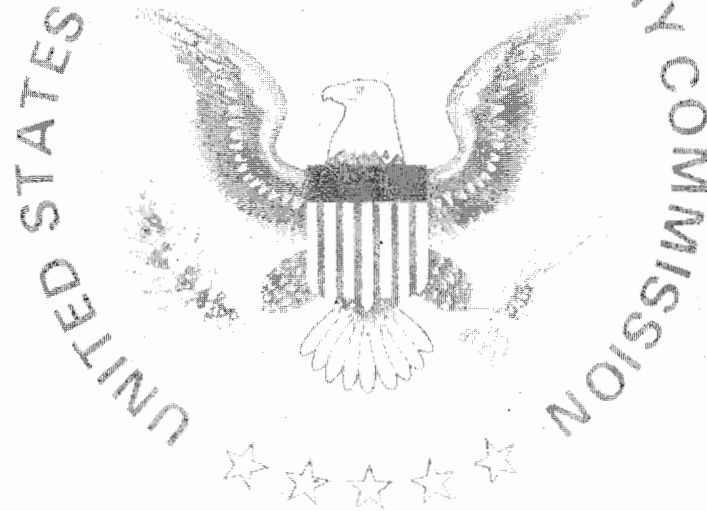


**MATERIALS LICENSE
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13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed 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 27, 2010 (ML101241072)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: February 28, 2018By: *Sara A. Forster*Sara A. Forster
Region 3