

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 64

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, 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.

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<p>Licensee</p> <p>1. St. Joseph Health Center</p> <p>2. 300 First Capitol Drive St. Charles, MO 63301</p>	<p>In accordance with letters dated December 6, 2011, July 19, 2012, and August 22, 2012,</p> <p>3. License number 24-15159-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2014</p> <hr/> <p>5. Docket No. 030-08664 Reference No.</p>
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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. As needed (not to exceed 1 curie of iodine-131)
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed sources (North American Scientific Model MED 3631, 3M Model 6711, Mills Biopharmaceuticals, LLC, Inc. Model Nos. I-125SL, I-125SH and Pd-103SL)	D. 500 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. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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CONDITIONS

10. A. Licensed material in Subitem Nos. 6.A. through 6.D. may be used at the licensee's facilities located at St. Joseph Health Center, 300 First Capitol Drive, St. Charles, Missouri.
- B. Licensed material in Subitem Nos. 6.A. through 6.C. may be used at the licensee's facilities located at St. Joseph Hospital West, 100 Medical Plaza, Lake Saint Louis, Missouri.
11. The Radiation Safety Officer for this license is Mark E. Pohlman, Ph.D.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user and/or authorized medical physicist 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

Harley J. Hammerman, M.D.

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

Mark Hoffman, M.D.

10 CFR 35.100, 35.200 and 35.300.

Richard Koch, M.D.

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

Lewis Halverson, M.D.

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

Phillip Trotta, M.D.

10 CFR 35.100, 35.200 and 35.300.

Gene Spector, M.D.

10 CFR 35.100 and 35.200.

John Bedwinek, M.D.

10 CFR 35.300 and 35.400.

Scott C. St. Amour, M.D.

10 CFR 35.100, 35.200 and 35.300.

William N. Floyd, Jr., M.D.

10 CFR 35.100 and 35.200.

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Lannis Elese Hall-Daniels, M.D.	10 CFR 35.300 and 35.400.
Jonathan D. Root, M.D.	10 CFR 35.100, 35.200 and 35.300 (for iodine-131, oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries).
Mohammed F. Majeed, M.D.	10 CFR 35.100 and 35.200.
Ian Roderick Graham, M.D.	10 CFR 35.100 and 35.200.
Peter L. Litzow, M.D.	10 CFR 35.100 and 35.200.
David Pohl, M.D.	10 CFR 35.100, 35.200, and 35.300.
Karen H. Gladden, M.D.	10 CFR 35.100 and 35.200.
Jonas Singer, M.D.	10 CFR 35.100 and 35.200.
Daniel T. Cohen, M.D.	10 CFR 35.100, 35.200 and oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries.
Anna L. Fu, M.D.	10 CFR 35.300 and 35.400.
Paul Chesis, M.D.	10 CFR 35.100, 35.200, and 35.300.
Madhu Kancherla, M.D.	10 CFR 35.200.
Manoj K. Eapen, M.D.	10 CFR 35.200.

- 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.
- The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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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 received May 13, 2004;

B. Application dated April 17, 2008; and,

C. Letters dated June 25, 2001, April 16, 2006, December 8, 2006, February 5, 2007, April 27, 2007, December 7, 2009, November 29, 2010 (excluding request to add Mackenzie Daly, M.D. as an authorized user), April 28, 2011 (with attachments), and October 13, 2011 (with attachments) and October 10, 2012 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date OCT 30 2012

By Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III