NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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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.

			- U - P O C					
Lio	In accordan	In accordance with letter dated						
<u>;</u> •	December 7	December 7, 2011,						
Ste. Genevieve County	1	3. License number 24-32589-01 is amended in its entirety to read as follows:						
2. P.O. Box 468	4. Expiration of	4. Expiration date October 31, 2015						
Ste. Genevieve, MO 63	i i	5. Docket No. 030-37003 Reference No.						
Byproduct, source, and/or sp nuclear material	ecial 7. Chemical and	/or physical form		unt that licensee may y one time under this				
Any byproduct mate permitted by 10 CF			A. As need	led				
B. Any byproduct mat permitted by 10 CF			B. As need	led				
C. Any byproduct mat permitted by 10 CF				led (Not to exceed 1 iodine-131)				

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.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at Highways 61 and 32, Ste. Genevieve, Missouri.
- 11. The Radiation Safety Officer for this license is Kenneth L. Miller, M.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:
 - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
 - B. The following individuals are authorized users for medical use as indicated:

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MATERIALS LICENSE SUPPLEMENTARY SHEET		License Number 24-32589-01					
		Docket or Reference Number 030-37003					
		Amendment No. 07					· · · · · · · · · · · · · · · · · · ·

Authorized Users

Kenneth D. Smith, M.D.

Kenneth L. Miller, M.D.

Troy C. Avendanio, M.D.

Gaspar Fernandez, M.D.

Matthew S. Bosner, M.D.

Material and Use

10 CFR 35.100, 35.200 and 35.300.

10 CFR 35.100, 35.200 and 35.300.

10 CFR 35.100 and 35.200.

10 CFR 35.100, 35.200, and 35.300 limited to the oral administration of sodium iodide-131 in quantities

less than or equal to 33 millicuries.

10 CFR 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 July 1, 2005;
 - B. Letter dated March 11, 2010;
 - C. Letter received May 10, 2010 (with attachments); and
 - D. Facsimile dated May 21, 2010 (with attachments).

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

FEB 2 3 2012 Date

Materials Licensing Branch

Region III