

**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.

*RL 02/21*

*316048*

Licensee

- 1. St. John Detroit Riverview Hospital  
Nuclear Medicine Department
- 2. 7733 E. Jefferson Avenue  
Detroit, MI 48214

In accordance with letter dated  
**February 16, 2007,**

3. License number 21-32449-01 is amended in its entirety to read as follows:

4. Expiration date June 30, 2013

5. Docket No. 030-36259  
Reference No.

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
- B. Any byproduct material permitted by 10 CFR 35.200
- C. Any byproduct material permitted by 10 CFR 35.500

- A. Any
- B. Any
- C. ~~Sealed sources~~  
(North American Scientific Inc. Model MED 3601, Du Pont Merck Pharmaceutical Company Model NES-8412, or Isotope Products Laboratories, Inc. Model A3410)

- A. As needed
- B. As needed
- C. 4 sources not to exceed 300 millicuries each; 1.2 curies total.

9. Authorized Use:

- A. Medical use permitted by 10 CFR 35.100.
- B. Medical use permitted by 10 CFR 35.200.
- C. Two sources to be used in ADAC Laboratories Transmission Line Source Housing VANTAGE device for diagnostic medical use permitted by 10 CFR 35.500. Two sources in shipping containers for replacement of the sources.

CONDITIONS

10. Licensed material described may be used or stored only at the licensee's facilities located at 7733 E. Jefferson Avenue, Detroit, Michigan.

11. The Radiation Safety Officer for this license is Laura T. Smith, M.S., DABR.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
21-32449-01

Docket or Reference Number  
030-36259

Amendment No. 02

12. Licensed material is only authorized for use by, or under the supervision of:

- A. Individuals permitted to work as an authorized user, authorized nuclear pharmacist, and/or authorized medical physicist in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for the materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Shameem Menon, M.D.	10 CFR 35.100, 35.200, and 35.500.
Ted Harb, M.D.	10 CFR 35.100 and 35.200.

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

14. 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.

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 February 24, 2003 (with attachments); and
- B. Letters dated May 27, 2003 (with attachments), and January 24, 2007.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date MAR 12 2007

By Toye L. Simmons  
Toye L. Simmons  
Materials Licensing Branch  
Region III