

U.S. NUCLEAR REGULATORY COMMISSION

**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.

<p>Licensee</p> <p>1. Johnson Memorial Hospital</p> <p>2. 201 Chestnut Hill Road Stafford Springs, Connecticut 06076-0860</p>	<p>In accordance with the application dated March 28, 2013,</p> <p>3. License number 06-16624-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date August 31, 2023</p> <hr/> <p>5. Docket No. 030-11353 Reference No.</p>
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| <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. Iodine 131 permitted by 10 CFR 35.300</p> <p>D. Gadolinium-153 permitted by 10 CFR 35.500</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed Sources (Isotope Products Laboratories Model NES-8412; North American Scientific Model MED 3601)</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. 50 millicuries</p> <p>D. 300 millicuries per source and 1 curie total</p> |
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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. Oral administration of sodium iodide Iodine 131 in quantities less than or equal to 33 millicuries, for which the patient can be released under the provisions of 10 CFR 35.75.
  - D. For use in a Philips Vantage device for patient attenuation correction during S.P.E.C.T. imaging.

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at 201 Chestnut Hill Road, Stafford Springs, Connecticut and Johnson Memorial Hospital-Outpatient Services, 148 Hazard Avenue, Enfield, Connecticut.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
06-16624-01

Docket or Reference Number  
03011353

Amendment No. 23

11. The Radiation Safety Officer for this license is Brian J. Grogan, 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:

Authorized Users

Material and Use

Brian J. Grogan, M.D.

35.100; 35.200; 35.500; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries

Steven R. Urbanski, M.D.

35.100; 35.200; 35.500; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries

Gregory T. Turner, M.D.

35.100; 35.200

Michael T. O'Loughlin, M.D.

35.100; 35.200; Sodium iodide I-131 for imaging and localization studies

Jeffrey P. Thompsen, M.D.

35.100; 35.200

John P. Opalacz, M.D.

35.100; 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."

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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 dated March 28, 2013 [ML13105A090]  
B. Letter dated July 10, 2013 [ML13191B257]



For the U.S. Nuclear Regulatory Commission

Date August 8, 2013

By

***Original signed by Lester Tripp***Lester Tripp  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406