

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 style="text-align: center;">Licensee</p> <p>1. The William W. Backus Hospital</p> <p>2. 326 Washington Street Norwich, Connecticut 06360</p>	<p>In accordance with the letter dated April 16, 2014,</p> <p>3. License number 06-11734-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2024</p> <hr/> <p>5. Docket No. 030-01287 Reference No.</p>
---	--

- |   |   |   |
|---|---|---|
| <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. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Gadolinium 153</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 (Eckert &amp; Ziegler Isotope Products dba Isotope Products Laboratories Model 3409)</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. 400 millicuries</p> <p>D. 90 millicuries per source and 176 millicuries total</p> |
|---|---|---|

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, for which the patient may be released under the provisions of 10 CFR 35.75.
  - D. For storage only, incident to disposal.

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at 326 Washington Street, Norwich, Connecticut.
- 11. The Radiation Safety Officer for this license is Phillip Kohanski, M.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
06-11734-02

Docket or Reference Number  
030-01287

Amendment No. 63

- 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:

<u>Authorized Users</u>	<u>Material and Use</u>
William Daniel Donovan, M.D.	35.100; 35.200
Phillip Kohanski, M.D.	35.100; 35.200; Oral administration of sodium iodide Iodine 131; Parenteral administration of any beta emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required
Ajay I. Dalal, M.D.	35.100; 35.200
Felicia Cuomo, M.D.	35.100; 35.200
Stacy L. Spooner, M.D.	35.100; 35.200; Oral administration of sodium iodide Iodine 131 in quantities less than or equal to 33 millicuries
Nathaniel D. Dueker, M.D.	35.100; 35.200; Oral administration of sodium iodide Iodine-131
Justin R. Routhier, M.D.	35.100; 35.200
Thomas A. Fay, M.D.	35.100; 35.200

- C. The following individuals are authorized users for non-medical uses as indicated:

<u>Users</u>	<u>Material and Use</u>
Phillip Kohanski, M.D.	Gadolinium 153 (storage only)

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."

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

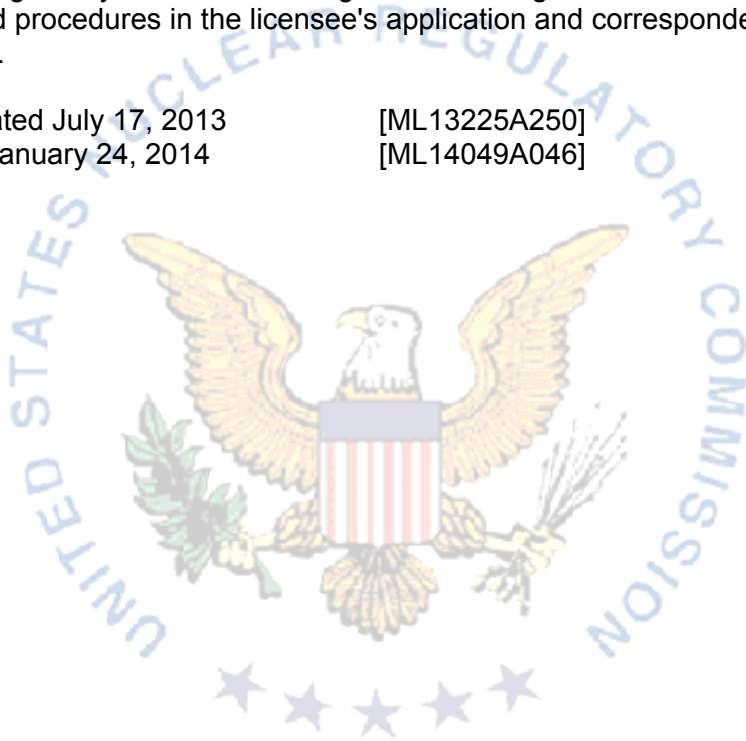
License Number  
06-11734-02

Docket or Reference Number  
030-01287

Amendment No. 63

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 17, 2013 [ML13225A250]
- B. Letter dated January 24, 2014 [ML14049A046]



For the U.S. Nuclear Regulatory Commission

Date May 23, 2014

By ***Original signed by Penny Lanzisera***  
 Penny Lanzisera  
 Medical Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406