

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, 37, 39, 40, 70 and 71, 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. Nemours - Alfred I. duPont Hospital for Children</p>		<p>In accordance with letters dated</p> <p>November 2 and 8, 2016</p>	<p>4. Expiration Date: June 30, 2025</p>
<p>2. 1600 Rockland Road Wilmington, DE 19803</p>		<p>3. License number: 07-16199-02 is amended in its entirety to read as follows:</p>	<p>5. Docket No.: 030-19939 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. Iodine-131 permtd by 10 CFR 35.300</p> <p>D. Technetium-99m</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</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. 1 curie total</p> <p>D. 100 millicuries total</p>	<p>9. Authorized use</p> <p>A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.</p> <p>B. For use in imaging and localization studies permitted by 10 CFR 35.200.</p> <p>C. For any use permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.</p> <p>D. For verification of shielding at the licensee's facility.</p>

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 1600 Rockland Road, Wilmington, Delaware.

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SUPPLEMENTARY SHEET**

License Number
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Docket or Reference Number
030-19939

Amendment No. 20

11. The Radiation Safety Officer (RSO) for this license is Kelly A. Sciole, CNMT.
12. Licensed material shall only be used by, or under the supervision of:
- A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.
 - B. The following individuals are authorized users for the material and medical uses as indicated:

Authorized Users

Material and Use

Mark Finklestein, D.O.	35.100, 35.200
Kerry Allison Bron, M.D.	35.100, 35.200
Harry Chugani, M.D.	35.100, 35.200
Thang Ngo, M.D.	35.100, 35.200, Oral administration of sodium iodide I-131
David Dinan, M.D.	35.100, 35.200
Steven Blummer, M.D.	35.100, 35.200
Tejal Mody, M.D.	35.100, 35.200, Oral administration of sodium iodide I-131

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

Authorized Users

Material and Use

Marc A. Felice	Technetium 99m for shielding verification
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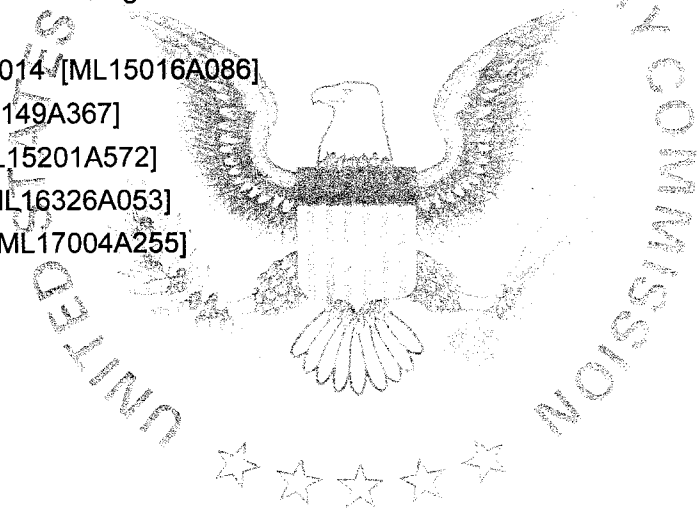
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.

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14. 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 December 31, 2014 [ML15016A086]
- B. Letter dated April 27, 2015 [ML15149A367]
- C. Letter received June 23, 2015 [ML15201A572]
- D. Letter dated November 2, 2016 [ML16326A053]
- E. Letter dated December 23, 2016 [ML17004A255]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: January 5, 2017

By: _____

Penny Lanzisera
Penny Lanzisera
Region 1