

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 19

**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. Molecular Imaging Services, Inc.</p> <p>2. 10 Whitaker Court Bear, Delaware 19701</p>	<p>In accordance with the letter dated October 28, 2015,</p> <p>3. License number 07-30790-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date June 30, 2023</p> <p>5. Docket No. 030-36176 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. 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. Sealed Sources (Eckert &amp; Ziegler Isotope Products dba Isotope Products Laboratories Model NES8497)</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. Not to exceed 250 millicuries per source and 750 millicuries total</p>
--	--	--

<p>9. Authorized use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).</p>
---

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at 200 Federal Street, Seaford, Delaware; Clinic-by-the-Sea, LLC, 16295 Willow Creek Road, Lewes, Delaware; 4512 Kirkwood Highway, Suite 202, Wilmington, Delaware; Omega Professional Center, G-36 Omega Drive, Newark, Delaware; 2700 Silverside Road, Suite 3A, Wilmington, Delaware; and Cardiology PC, Farmington Medical Arts, Twin Building B, 11 South Road, Suite 100, Farmington, Connecticut.
- 11. The Radiation Safety Officer for this license is Frank DiGregorio.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
07-30790-01

Docket or Reference Number  
030-36176

Amendment No. 19

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:

<u>Authorized Users</u>	<u>Material and Use</u>
Paul J. Alfieri, M.D.	35.100; 35.200
Alvaro Buenano, M.D.	35.100; 35.200
Georges Dahr, M.D.	35.100; 35.200
Steven L. Edell, D.O.	35.100; 35.200
David S. Grubbs, M.D.	35.100; 35.200
George D. Moutsatsos, M.D.	35.100; 35.200
Andra Popescu, M.D.	35.200
Mouhanad K. Freih, M.D.	35.100; 35.200
Rajan Agarwal, M.D.	35.100; 35.200
Brett Duncan, M.D.	35.100; 35.200; 35.500
Melissa Ferraro-Borgida, M.D.	35.100; 35.200; 35.500

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

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

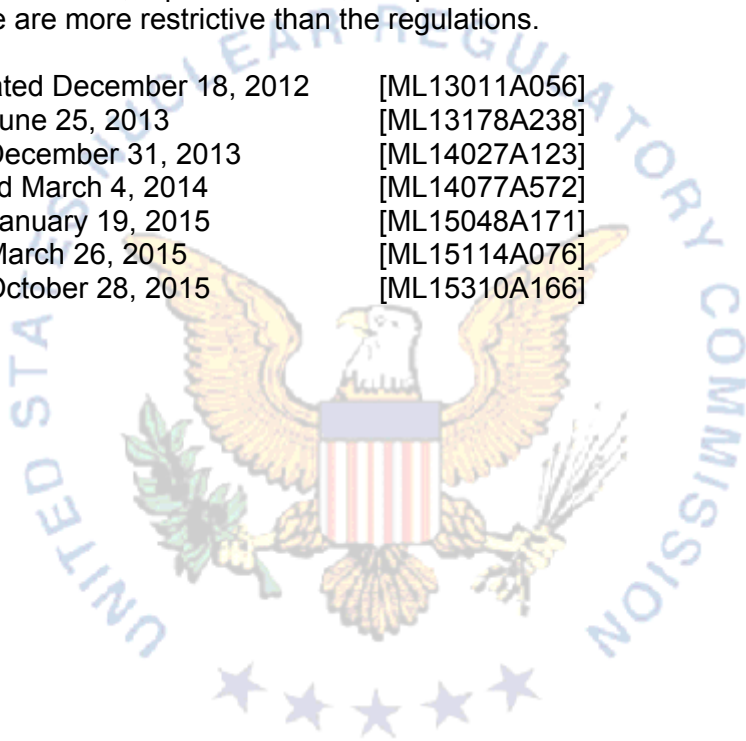
License Number  
07-30790-01

Docket or Reference Number  
030-36176

Amendment No. 19

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 18, 2012 [ML13011A056]
- B. Letter dated June 25, 2013 [ML13178A238]
- C. Letter dated December 31, 2013 [ML14027A123]
- D. Letter received March 4, 2014 [ML14077A572]
- E. Letter dated January 19, 2015 [ML15048A171]
- F. Letter dated March 26, 2015 [ML15114A076]
- G. Letter dated October 28, 2015 [ML15310A166]



For the U.S. Nuclear Regulatory Commission

Date December 2, 2015

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