

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 03

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.

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| <p style="text-align: center;">Licensee</p> <p>1. Progress West Healthcare Center</p> <p>2. 2 Progress Point Parkway O'Fallon, MO 63368</p> | <p>In accordance with letters dated September 12, 2013, and December 19, 2013,</p> <p>3. License number 24-32642-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date March 31, 2017</p> <hr/> <p>5. Docket No. 030-37397 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 permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 31.11</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Prepackaged Kits</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. 200 millicuries</p> <p>D. 100 millicuries</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.
- D. In vitro studies.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 2 Progress Point Parkway, O'Fallon, Missouri.
11. The Radiation Safety Officer for this license is **Constance Courtois, M.D.**

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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

Constance Courtois, M.D.

10 CFR 35.100, 35.200 and 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries.

Diana L. Westerfield, M.D.

10 CFR 35.100 and 35.200.

Martin B. Ast, M.D.

10 CFR 35.100 and 35.200.

Lannis Elese Hall-Daniels, M.D.

10 CFR 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries.

Michael Penny, M.D.

10 CFR 35.100 and 35.200.

Meredith Byers, M.D.

10 CFR 35.100 and 35.200.

Joelle Biernacki, M.D.

10 CFR 35.100, 35.200 and 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries.

Heather V. Garrett, M.D.

10 CFR 35.100, 35.200 and 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries.

Hui Hua Shu, M.D.

10 CFR 35.100 and 35.200.

James Kelly, M.D.

10 CFR 35.100, 35.200 and 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries

Punita Gupta, M.D.

10 CFR 35.100, 35.200 and 35.300, limited to the oral administration of iodine-131 in quantities less than or equal to 33 milliduries.

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

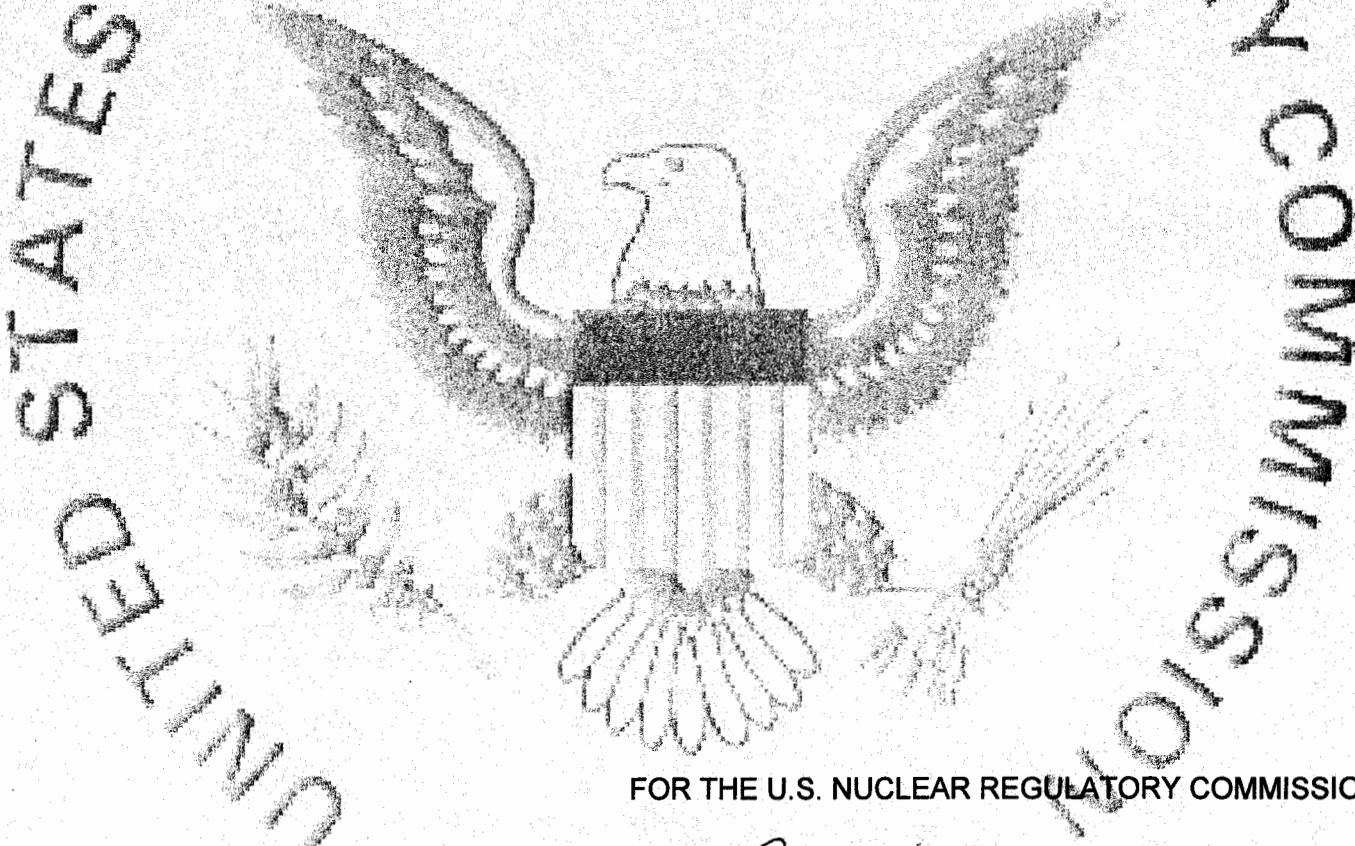
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14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license 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 January 24, 2007;
 - B. Facsimiles received February 14, 2007 and February 21, 2007; and,
 - C. Letter dated September 12, 2013, with attachments.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date DEC 27 2013

By Colleen Carol Casey
Colleen Carol Casey
Materials Licensing Branch
Region III