

**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. Avera St. Luke's dba Avera St. Luke's Hospital</p> <p>2. 305 South State Street Aberdeen, South Dakota 57401</p>	<p>In accordance with E-mail dated March 10, 2016</p> <p>3. License number 40-18000-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date November 30, 2025</p> <hr/> <p>5. Docket No. 030-13778 Reference No.</p>
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|--|---|---|
| <p>6. Byproduct, source, and/or special nuclear material</p> | <p>7. Chemical and/or physical form</p>   | <p>8. Maximum amount that licensee may possess at any one time under this license</p> |
| <p>A. Any byproduct material permitted by 10 CFR 35.100</p>  | <p>A. Any</p>   | <p>A. As needed</p>   |
| <p>B. Any byproduct material permitted by 10 CFR 35.200</p>  | <p>B. Any</p>   | <p>B. As needed</p>   |
| <p>C. Any byproduct material permitted by 10 CFR 35.300</p>  | <p>C. Any</p>   | <p>C. 400 millicuries</p>   |
| <p>D. Any byproduct material permitted by 10 CFR 35.400</p>  | <p>D. Sealed sources (3M Health Model 6500 series; Amersham Corporation Model CDCS.S)</p> | <p>D. 940 millicuries</p>   |
| <p>E. Strontium-90</p>                                       | <p>E. Sealed source (ICN Model M1, and Nuclear Enterprises Model 2503)</p>                | <p>E. 60 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 use permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. Storage only pending disposal.

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030-13778

Amendment No. 36

**CONDITIONS**

10. Licensed material may be used and/or stored only at the licensee's facilities located at Avera St. Luke's Hospital, 305 South State Street, Aberdeen, South Dakota.
11. The Radiation Safety Officer for this license is Stephen R. Peters, 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 the material and medical uses indicated:

Authorized UsersMaterial and Use

Daniel R. Fritz, M.D.

35.100; 35.200; Oral administration of sodium iodide I-131

Sheryl Ann Siegmund, M.D.

35.100; 35.200;

Larry S. Sidaway, M.D.

35.100; 35.200;

Stephen R. Peters, M.D.

35.100; 35.200; 35.300;

Leslie H. Lenter, M.D.

35.100; 35.200; 35.300; 35.400;

Troy E. Adolfson, M.D.

35.100; 35.200; 35.300 (limited to oral administration of sodium iodide I-131 and Strontium 89); 35.400

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 financial assurance for decommissioning.
14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. 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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17. 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 May 8, 2015 (ML15156B311)  
B. E-mail dated March 10, 2016, with enclosures (ML16090A250)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date June 7, 2016

By \_\_\_\_\_  
Jacqueline D. Cook, Senior Health Physicist  
Nuclear Materials Safety Branch B  
Region IV  
Arlington, Texas 76011-4511