

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. Galen Hospital Alaska, Inc. dba Alaska Regional Hospital</p> <p>2. P.O. Box 143889 Anchorage, Alaska 99514-3189</p>	<p>In accordance with letter dated August 9, 2010</p> <p>3. License number 50-18244-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2015</p> <hr/> <p>5. Docket No. 030-14720 Reference No.</p>
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<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. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Depleted uranium</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 (Amersham CDC-SJ series and SIA.20)</p> <p>E. Metal</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. 1.5 curies</p> <p>D. 1 curie</p> <p>E. 999 kilograms</p>
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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. Shielding in a linear accelerator.

CONDITIONS

- 10. Licensed material shall be used or stored only at the licensee's facilities located at 2801 De Barr Road, Anchorage, Alaska.
- 11. The Radiation Safety Officer for this license is Bradley K. Cruz, 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, authorized nuclear pharmacist, and/or authorized medical physicist 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 Users

Material and Use

Julee K. Holayter, M.D.	35.100; 35.200; 35.300; depleted uranium
Bradley K. Cruz, M.D.	35.100; 35.200; 35.300; depleted uranium
Lester B. Lewis, M.D.	35.100; 35.200; 35.300; depleted uranium
Mark G. Poag, M.D.	35.100; 35.200; 35.300
Glenn R. Stewart, M.D.	35.300; 35.400
Richard Chung, M.D.	35.300; 35.400
Lawrence P. Wood, M.D.	35.100; 35.200; oral administration of sodium iodide I-131; depleted uranium
David Mills, M.D.	35.100; 35.200
Andrew Moran, M.D.	35.100; 35.200

- C. The following individual is an authorized medical physicist:

Authorized Medical Physicist

Material and Use

Darwin L. Zellmer, Ph.D.	Decay corrections of strontium-90 used for ophthalmic treatments
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13. 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.
14. Sealed sources and detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
16. 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.

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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 January 31, 2005 (ML050470499)
 - B. Letter dated September 26, 2006 (ML070250358)
 - C. Letter dated August 28, 2007 (ML072820029)
 - D. Letter dated August 9, 2010 (ML102710598)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date December 14, 2010By _____
Roberto J. Torres, Senior Health Physicist
Nuclear Materials Safety Branch B
Region IV
Arlington, Texas 76011-4125