

**Official Use Only – Security-Related Information**

NRC FORM 374

PAGE  1  OF  4  PAGES

**U.S. NUCLEAR REGULATORY COMMISSION**

Amendment No. 83

**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.

Licensee  1. St. Vincent Healthcare  2. P.O. Box 35200 Billings, Montana 59107-5200	In accordance with letter dated July 12, 2012 3. License number 25-07553-01 is amended in its entirety to read as follows: 4. Expiration date April 30, 2015 5. Docket No. 030-02396 Reference No.
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6. Byproduct, source, and/or special nuclear material  A. Any byproduct material permitted by 10 CFR 35.100  B. Any byproduct material permitted by 10 CFR 35.200  C. Any byproduct material permitted by 10 CFR 35.300  D. Any byproduct material permitted by 10 CFR 35.400  E. Any byproduct materials identified in 10 CFR 31.11  F. Strontium-90 permitted by 10 CFR 35.400  G. Depleted uranium	7. Chemical and/or physical form  A. Any  B. Any  C. Any  D. Sealed sources (3M Model Nos. 6500, 6501, 6502, 6503 and 6504; Bard Brachytherapy Model STM-1251; Theragenics Model 200; Best Medical International Model 81-01 Series and Model 2301; Amersham Health, Medi-Physics, Inc., Model 6711 Oncoseed™)  E. Prepackage Kits  F. Sealed sources (Amersham Corporation Model SIA.20)  G. Metal	8. Maximum amount that licensee may possess at any one time under this license  A. As needed  B. As needed  C. 500 millicuries  D. 1500 millicuries  E. 10 millicuries  F. 90 millicuries  G. 999 kilograms
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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.	
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**Official Use Only – Security-Related Information**

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 of 4 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
25-07553-01

Docket or Reference Number  
030-02396

Amendment No. 83

- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. In vitro studies.
- F. Strontium-90 for ophthalmic radiation therapy permitted by 10 CFR 35.400.
- G. For use as shielding material in Molybdenum-99/Techneium-99m generators.

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at:
  - A. 1233 North 30<sup>th</sup> Street, Billings, Montana, and
  - B. Yellowstone Surgery Center, 1144 North 28<sup>th</sup> Street, Billings, Montana, for material listed in Items 6.B. and 6.D, and
  - C. Yellowstone Imaging Center, 2900 12<sup>th</sup> Ave., North Suite 275/276 W., Billings, Montana (Item 6.B. only).
- 11. The Radiation Safety Officer for this license is Christopher Fitz.
- 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

Joseph C. Apostol, M.D.	35.200
Mitchell E. Gallagher, M.D.	35.100; 35.200; 31.11
Joseph P. Dillard, M.D.	35.100; 35.200; 31.11
Robert Rex Dietz, M.D.	35.100; 35.200; 35.300
Kathleen A. Ryan, M.D.	35.100; 35.200; 35.300
John M. Schallenkamp, M.D.	35.400; Strontium-90 for ophthalmic radiation therapy
Christopher Goulet, M.D.	35.400; Strontium-90 for ophthalmic radiation therapy
John V. Hanson, M.D.	35.100; 35.200; 31.11; oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries
John S. Brandon, M.D.	35.100; 35.200; oral administration of sodium iodide I-131
Robert L. Stears, M.D.	35.100; 35.200

**Official Use Only – Security-Related Information**

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 3 of 4 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
25-07553-01

Docket or Reference Number  
030-02396

Amendment No. 83

C. The following individual is an authorized medical physicist:

Authorized Medical Physicist

Dennis A. Cheek, Ph.D.

Material and Use

Strontium-90 in an ophthalmic applicator for activity calculation

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



**Official Use Only – Security-Related Information**

NRC FORM 374A

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 4 of 4 PAGES

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

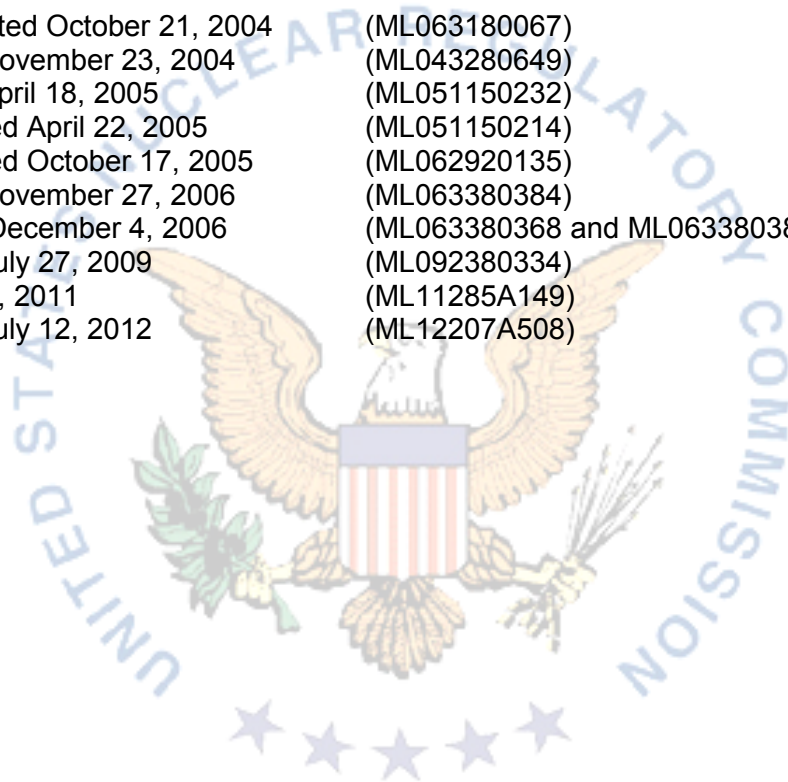
License Number  
25-07553-01

Docket or Reference Number  
030-02396

Amendment No. 83

15. 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 October 21, 2004 (ML063180067)
- B. Letter dated November 23, 2004 (ML043280649)
- C. Letter dated April 18, 2005 (ML051150232)
- D. Facsimile dated April 22, 2005 (ML051150214)
- E. Facsimile dated October 17, 2005 (ML062920135)
- F. Letter dated November 27, 2006 (ML063380384)
- G. E-Mail dated December 4, 2006 (ML063380368 and ML063380384)
- H. Letter dated July 27, 2009 (ML092380334)
- I. September 29, 2011 (ML11285A149)
- J. Letter dated July 12, 2012 (ML12207A508)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Date: September 17, 2012

By: \_\_\_\_\_  
Michelle Simmons, Health Physicist  
Nuclear Materials Safety Branch B  
Region IV  
Arlington, Texas 76011-4511