



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

October 16, 2006

Docket No. 03008027
Control No. 139372

License No. 44-11345-02

Mary Wicker
Vice President, Operations
Southwestern Vermont Medical Center
100 Hospital Drive East
Bennington, VT 05201

SUBJECT: SOUTHWESTERN VERMONT MEDICAL CENTER, LICENSE AMENDMENT,
CONTROL NO. 139372

Dear Ms. Wicker:

This refers to your license amendment request. Enclosed with this letter is the amended license removing the requested authorized users and adding diagnostic use with iodine-131.

Please note that the authorization for iodine-131 has been removed from Dr. Rogge's authorization, since it was inadvertently added during the license renewal. Additionally, as discussed with Mr. Matthew Ratelle, your Radiation Safety Officer, on October 16, 2006: (1) the possession limit for iodine-131 is 20 millicuries; and (2) iodine-125 sealed sources no longer manufactured have been removed from the license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

M. Wicker
Southwestern Vermont Medical Center

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Thank you for your cooperation.

Sincerely,

Original signed by Penny Lanzisera

Penny Lanzisera
Senior Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 30

cc:
Matthew Ratelle, Radiation Safety Officer

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SUNSI Review Complete: PLanzisera

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NAME	PLanzisera/PL							
DATE	10/16/2006							

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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 style="text-align: center;">Licensee</p> <p>1. Southwestern Vermont Medical Center</p> <p>2. 100 Hospital Drive East Bennington, Vermont 05201</p>	<p>In accordance with the letter dated September 7, 2006,</p> <p>3. License number 44-11345-02 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date December 31, 2012</p> <hr/> <p>5. Docket No. 030-08027 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. Iodine 131 permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</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 as specified in Condition 12</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. 20 millicuries</p> <p>D. 500 millicuries</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 sodium iodide iodine-131 imaging and localization study permitted by 35.300.
 - D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.

CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 100 Hospital Drive East, Bennington, Vermont.
- 11. The Radiation Safety Officer for this license is Matthew Ratelle.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
44-11345-02

Docket or Reference Number
030-08027

Amendment No. 30

12. Sealed sources permitted by this license include:

<u>Isotope</u>	<u>Source Model Number</u>	<u>Maximum Activity Per Source</u>
I-125	Medi-Physics Inc. 6711	270 millicuries
I-125	Medi-Physics Inc. 6733	71.2 millicuries
I-125	North American Scientific Inc. MED3631	25 millicuries
I-125	Best Medical International 2300 series	110 millicuries
I-125	Mills Biopharmaceuticals I-125SL	1 millicurie
I-125	Mills Biopharmaceuticals I-125SH	150 millicuries
I-125	IsoAid LLC 1A1-125A	10 millicuries
I-125	Bard Brachytherapy, Inc. STM1251	15 millicuries
I-125	Implant Sciences Corp. 3500	7.5 millicuries
I-125	IsoStar Texas, Inc. IS-12501	10 millicuries

13. 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 materials and uses indicated:

<u>Authorized Users</u>	<u>Material and Use</u>
Terrel L. Coffield, M.D.	35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies
Scott W. Rogge, M.D.	35.200
Adam W. Kunin, M.D.	35.200
John B. McDay, M.D.	35.400

14. 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.
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."

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16. 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 November 27, 1991
- B. Letter dated July 7, 1992
- C. Letter dated September 11, 1992
- D. Letter dated May 12, 1995
- E. Letter dated December 15, 1997 except Quality Management Program
- F. Letter dated December 31, 1997
- G. Letter dated January 6, 1998



For the U.S. Nuclear Regulatory Commission

Date October 16, 2006

By *Original signed by Penny Lanzisera*
 Penny Lanzisera
 Medical Branch
 Division of Nuclear Materials Safety
 Region I
 King of Prussia, Pennsylvania 19406