



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

May 13, 2005

Docket No. 03003308  
Control No. 136500

License No. 45-01589-01

Dan Cameron  
Director of Radiology Services  
Valley Health System  
P.O. Box 3340  
1840 Amherst Street  
Winchester, VA 22604-2540

SUBJECT: VALLEY HEALTH SYSTEM, LICENSE AMENDMENT, CONTROL NO. 136500

Dear Mr. Cameron:

This refers to your license amendment request. Enclosed with this letter is the amended 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 available at the NRC web site at <http://www.nrc.gov/materials/miau/mat-toolkits.html> and <http://www.nrc.gov/who-we-are/governing-laws.html> or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Tara L. Weidner***

Tara L. Weidner  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

D. Cameron  
Valley Health System

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Enclosure:  
Amendment No. 86

cc:  
Dana Hare, Radiation Safety Officer

DOCUMENT NAME: G:\Docs\Mailed\Lic Cvr Letter\45-01589-01.136500.05132005.wpd

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OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	TWeidner/TLW							
DATE	5-13-2005							

OFFICIAL RECORD COPY

**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	In accordance with the letter dated January 13, 2005,
1. Valley Health System	3. License number 45-01589-01
2. P. O. Box 3340	is amended in its entirety to read as follows:
1840 Amherst Street	4. Expiration date March 31, 2014
Winchester, Virginia 22604-2540	5. Docket No. 030-03308
	Reference No.

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As needed
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 1000 millicuries
D. Any byproduct material permitted by 10 CFR 35.400	D. Sealed source (AEA Technology Model CDC.T1 and 3M Health Physics Service Model 6500 Series)	D. 1200 millicuries
E. Depleted Uranium	E. Cadmium plated metal	E. 106 kilograms
F. Yttrium 90	F. Any	F. 110 millicuries
G. Iodine 125	G. Liquid Iotrex as part of the GliaSite RTS System	G. 8 curies

## 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. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. Shielding in a linear accelerator.

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- F. For calibration of instruments.  
 G. For brachytherapy use in the Proxima Therapeutics' GliaSite Radiotherapy system.

**CONDITIONS**

10. A. Licensed material shall be used only at the licensee's facilities located at Winchester Medical Center, 1840 Amherst Street, Winchester, Virginia and Shenandoah Valley Cancer Center, 1870 Amherst Street, Winchester, Virginia.  
 B. Licensed material listed in 6.I. and 6.J. may be used at temporary job locations of the licensee in Virginia and West Virginia.
11. The Radiation Safety Officer for this license is Dana Hare, M.S.
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 medical use as indicated:

Authorized UsersMaterial and Use

Norman J. Smith, M.D.	35.400; Iodine 125 for use in the GliaSite RTS System
Margaret Toxopeus, M.D.	35.100; 35.200; 35.300; 35.400
John L. Wood, M.D.	35.100; 35.200; 35.300
Frederic T. Farra, M.D.	35.200
James Dixon Brown, M.D.	35.200
Philip J. O'Donnell, M.D.	35.200
David Kent Harry, M.D.	35.100; 35.200
Karen Straus, M.D.	Iodine 125 for use in the GliaSite RTS System
Francis W. Willi, M.D.	35.100; 35.200
Blake Howard Watts, M.D.	35.100; 35.200; 35.300
Robert J. Foust, M.D.	35.100; 35.200

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Authorized UsersMaterial and Use

Bruce L. Flax, M.D.	35.400; Iodine 125 for use in the GliaSite RTS System
Ronald G. Repasky, M.D.	35.100; 35.200
Ajay Virmani, M.D.	35.200
David Snow, M.D.	35.100; 35.200
John C. Hardy, M.D.	35.200
Joseph W. Poe, M.D.	35.100; 35.200; 35.300
David E. Magarik, M.D.	35.100; 35.200
Curtis J. Thwing, M.D.	35.100; 35.200; 35.300
Edward Bonyak, M.D.	35.200
Trisha B. Nashed, M.D.	35.200
Kyle Wilson Young, M.D.	35.100; 35.200
Preston Stuart Fox, M.D.	35.100; 35.200
Dorthe Sophie Brandt, M.D.	35.100; 35.200

C. The following individuals are authorized users for non-medical uses as indicated:

UsersMaterial and Use

Dana Hare, M.S.	For non-human use of licensed materials
Maurice R. Keeler	For non-human use of licensed materials

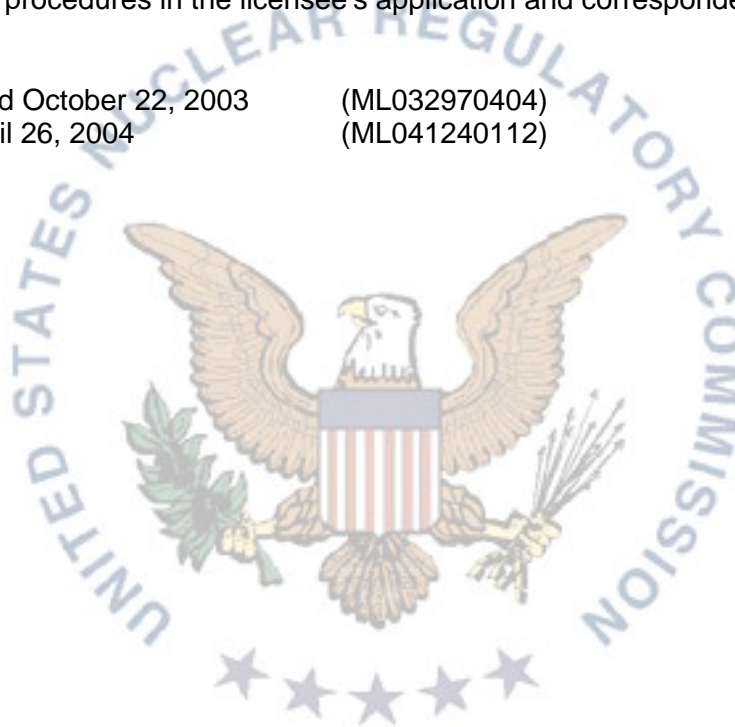
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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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 22, 2003 (ML032970404)  
B. Letter dated April 26, 2004 (ML041240112)



For the U.S. Nuclear Regulatory Commission

Date May 13, 2005

By

***Original signed by Tara L. Weidner***

Tara L. Weidner  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406