



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

September 7, 2006

Docket No. 03010837  
Control No. 139025

License No. 37-16335-01

William Walb  
CEO/President  
Hanover Hospital  
300 Highland Avenue  
Hanover, PA 17331-2297

SUBJECT: HANOVER HOSPITAL, LICENSE AMENDMENT, CONTROL NO. 139025

Dear Mr. Walb:

This refers to your license amendment request dated June 16, 2006. 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 included on the NRC's website at [www.nrc.gov](http://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).

Thank you for your cooperation.

Sincerely,

***Original signed by Shirley Xu***

Shirley Xu  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 37

cc:  
Luther Wells, M.D., Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML062510136.wpd

**SUNSI Review Complete: SXu**

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DATE	9/7/06							

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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>Licensee</p> <p>1. Hanover Hospital</p> <p>2. 300 Highland Avenue Hanover, Pennsylvania 17331-2297</p>	<p>In accordance with the letter dated June 16, 2006,</p> <p>3. License number 37-16335-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date September 30, 2012</p> <p>5. Docket No. 030-10837 Reference No.</p>	
<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 31.11</p> <p>D. Any byproduct material permitted by 10 CFR 35.500</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Prepackaged Kits</p> <p>D. Sealed Sources (North American Scientific Model MED 3601; Bristol-Myers Squibb Medical Imaging Model NES-8412)</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. 3 millicuries</p> <p>D. 300 millicuries per source and 1000 millicuries total</p>
<p>9. Authorized use:</p> <p>A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.</p> <p>B. Any imaging and localization study permitted by 10 CFR 35.200.</p> <p>C. <u>In vitro</u> studies.</p> <p>D. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).</p>		

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
37-16335-01Docket or Reference Number  
030-10837

Amendment No. 37

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at 300 Highland Avenue, Hanover, Pennsylvania.
11. 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 medical use as indicated:

Authorized UsersMaterial and Use

Jules Katz, M.D.	35.100; 35.200; 35.500; <i>in vitro</i> studies
Joseph A. Harasimowicz, Jr., M.D.	35.100; 35.200; 35.500; <i>in vitro</i> studies
Jack C. Clark, M.D.	35.100; 35.200; 35.500
Young B. Kim, M.D.	35.100; 35.200; 35.500
Luther Wells, M.D.	35.100; 35.200; 35.500; <i>in vitro</i> studies
Lawrence Freer, M.D.	35.100; 35.200; 35.500; <i>in vitro</i> studies
Alicia M. Cartagena, M.D.	35.100; 35.200; 35.500
Wilson Tan, M.D.	35.100; 35.200

12. The Radiation Safety Officer for this license is Luther Wells, M.D.
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."

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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 March 28, 2002
- B. Letter dated September 19, 2002
- C. Letter (with attachments) dated June 26, 2003



For the U.S. Nuclear Regulatory Commission

Date September 7, 2006

By

***Original signed by Shirley Xu***

Shirley Xu  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406