



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

June 21, 2005

Docket No. 03009932  
Control No. 136949

License No. 45-16222-01

M. Scott Hill  
Chief Operating / Ethics & Compliance Officer  
Northern Virginia Community Hospital  
601 South Carlin Springs Road  
Arlington, VA 22204-1096

**SUBJECT: NORTHERN VIRGINIA COMMUNITY HOSPITAL, LICENSE AMENDMENT,  
CONTROL NO. 136949**

Dear Mr. Hill:

This refers to your license amendment request dated April 22, 2005. Enclosed with this letter is the amended license adding Dr. Vincent J. Mascatello as the new Radiation Safety Officer, and deleting/adding the Authorized Users you requested.

In addition, your license was written in a format that required modification of your 10 CFR 35.300 possession limit. Based on the telephone conversation between Chris Hott and yourself on June 3, 2005, a possession limit of 1000 millicuries for 10 CFR 35.300 materials was agreed upon. This limit represents the maximum activity for 10 CFR 35.300 materials you are permitted to have on site at any one time, including waste.

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).

M.S. Hill  
Northern Virginia Community Hospital

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Thank you for your cooperation.

Sincerely,

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

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

Enclosure:  
Amendment No. 31

cc:  
Vincent J Mascatello, M.D., Radiation Safety Officer

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|        |                       |   |                         |   |         |  |  |  |
|--------|-----------------------|---|-------------------------|---|---------|--|--|--|
| OFFICE | DNMS/RI               | N | DNMS/RI                 | N | DNMS/RI |  |  |  |
| NAME   | CHott / <b>CAH7</b> / |   | TWeidner / <b>TLW</b> / |   |         |  |  |  |
| DATE   | 6/21/05               |   | 6/21/05                 |   |         |  |  |  |

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<br>April 22, 2005, |
| 1. Northern Virginia Community Hospital                            | 3. License No. 45-16222-01                             |
| 2. 601 South Carlin Springs Road<br>Arlington, Virginia 22204-1096 | is amended in its entirety to read as follows:         |
|  | 4. Expiration Date: May 31, 2014                       |
|  | 5. Docket No. 030-09932                                |

- |   |   |  |
|---|---|--|
| 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. Strontium 90                                       | D. Sealed source (Tracor Lab Model 939) | D. 59 millicuries  |

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. Possession and storage only.

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at 601 South Carlin Springs Road, Arlington, Virginia.
- 11. The Radiation Safety Officer for this license is Vincent J. Mascatello, M.D.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License No.  
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Amendment No. 31

12. 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:

| <u>Authorized User</u>      | <u>Material and Use</u> |
|-----------------------------|-------------------------|
| Frank Berkowitz, M.D.       | 35.100; 35.200; 35.300  |
| Stuart A. Fruman, M.D.      | 35.100; 35.200; 35.300  |
| Vincent J. Mascatello, M.D. | 35.100; 35.200; 35.300  |
| Sam S. L. Cheng, M.D.       | 35.100; 35.200; 35.300  |
| Christopher K. Grady, M.D.  | 35.100; 35.200; 35.300  |
| Larry S. Kessler, M.D.      | 35.100; 35.200          |
| Edward J. James, M.D.       | 35.100; 35.200          |
| David E. Dubois, M.D.       | 35.100; 35.200          |
| Michael A. Grimm, M.D.      | 35.100; 35.200          |
| Ziyad K. Haddad, M.D.       | 35.100; 35.200          |

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. Sealed sources or 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."

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License No.  
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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 December 30, 2003 (ML040050421)
- B. Letter dated August 17, 2004 (ML042520090)



For the U. S. Nuclear Regulatory Commission

Date June 21, 2005By **Original signed by Tara L. Weidner**

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