



April 22, 2005

U.S. Nuclear Regulatory Commission, Region II  
Atlanta Federal Center  
61 Forsyth Street, S.W., Suite 23T85  
Atlanta, GA 30303

RE: Amendment Request to Change Authorized Users and Radiation Safety Officer  
NRC Radioactive Materials License No.: 45-16222-01 03009932

To Whom It May Concern:

We wish amend our radioactive material license (referenced above) to delete Dr. Alfred P. Coccaro as an auauthorized user and Radiation Safety Officer and to delete Dr. Carl Lederman, Dr. Gary H. Gordon, and Dr. Vatroslav Vrdoljak as authorized users.

We wish to add Dr. Frank Berkowitz, Dr. Stuart A. Fruman, Dr. Vincent J. Mascatello, Dr. Sam S. L. Cheng, Dr. Christopher K. Grady, Dr. Larry S. Kessler, Dr. Edward J. James, Dr. David E. Dubois, Dr. Michael A. Grimm, and Dr. Ziyad K. Haddad as authorized users for materials identified in 35.100 and 35.200.

Dr. Vincent J. Mascatello will be the Radiation Safety Officer.

Training and experience for the physicians listed above have been previously submitted under NRC license 45-17898-01, and is enclosed.

If you have any questions concerning this matter, please contact me at your convenience.

Sincerely,

M. Scott Hill, M.Ed., MHA  
Chief Operating/Ethics & Compliance Officer

05  
APR 27 10:35

RECEIVED  
REGION 1

Attachment

**NORTHERN VIRGINIA COMMUNITY HOSPITAL**

601 South Carlin Springs Road ||| Arlington, VA 22204-1096  
PHONE 703.671.1200 ||| FAX 703.578.2281 ||| WEB www.nvchospital.com

136949  
NMSS/RGNI MATERIALS-002

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES  
Amendment No. 24**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. Reston Hospital Center</p> <p>2. 1850 Town Center Parkway Reston, Virginia 20190</p>	<p>In accordance with the letter dated May 14, 2004</p> <p>3. License number 45-17898-01</p> <p>is amended in its entirety to read as follows:</p> <p>4. Expiration date November 30, 2013</p> <p>5. Docket No. 080-13617 Reference No.</p>
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.400</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Any byproduct material permitted by 10 CFR 31.11</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed source (Mills Biopharmaceuticals Models I-125 and I-125 SH)</p> <p>E. Prepackaged Kits</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. As needed [not to exceed 370 gigabecquerels (GBq) (10 curies (Ci) of I-131]</p> <p>D. 74 GBq (2 Ci)</p> <p>E. 111 megabecquerels (3 millicuries)</p>

## 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. In vitro studies.

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# **MATERIALS LICENSE SUPPLEMENTARY SHEET**

License Number

45-17898-01

Docket or Reference Number

030-13617

Amendment No. 24

## CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 1850 Town Center Parkway, Reston, Virginia.
11. The Radiation Safety Officer for this license is Vincent J. Mascatello, M.D.
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 Users

### Material and Use

Frank Berkowitz, M.D.	35.100; 35.200; 35.300; 31.11
Stuart A. Fruman, M.D.	35.100; 35.200; 35.300; 31.11
Vincent J. Mascatello, M.D.	35.100; 35.200; 35.300; 31.11
Sam S. L. Cheng, M.D.	35.100; 35.200; 35.300; 31.11
Christopher K. Grady, M.D.	35.100; 35.200; 35.300; 31.11
Larry S. Kessler, M.D.	35.100; 35.200; 31.11
Edward J. James, M.D.	35.100; 35.200; 31.11
David E. Dubois, M.D.	35.100; 35.200; 31.11
Michael A. Grimm, M.D.	35.100; 35.200; 31.11
Ziyad K. Haddad, M.D.	35.100; 35.200; 31.11
Kin-Sing, Au, M.D.	35.400
Janete Marie Mills, M.D.	35.400

13. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

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# MATERIALS LICENSE SUPPLEMENTARY SHEET

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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."
16. 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.
17. 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 June 16, 2003 [renewal]
  - B. Application dated July 3, 2003 [add'l info for renewal - NUREG-1556 Vol. 9 commitments]
  - C. Letter dated August 1, 2003 [add'l info for renewal]
  - D. Letter dated October 24, 2003 [tax re: add'l info for renewal]
  - E. Letter dated April 2, 2004 [relocate Nuclear Medicine Dept. w/diagram of new area]
  - F. Letter dated April 15, 2004 [tax re: add'l info for relocation, including release surveys of old areas]
  - G. Letter dated May 14, 2004 [change RSO]

For the U.S. Nuclear Regulatory Commission

Date JUL 13 2004

By

*Orysia Masnyk Bailey*  
Orysia Masnyk Bailey  
Nuclear Materials Safety Branch 3  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406

This is to acknowledge the receipt of your letter/application dated

4/22/2005, and to inform you that the initial processing which includes an administrative review has been performed.

45-16222-01  
☒ There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 136949.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LFMS USE)  
INFORMATION FROM LTS  
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Program Code: 02120  
Status Code: 0  
Fee Category: 7C  
Exp. Date: 20140531  
Fee Comments: CODE 33  
Decom Fin Assur Req'd: N  
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LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: NORTHERN VIRGINIA COMMUNITY HOSP,LL  
Received Date: 20050427  
Docket No: 3009932  
Control No.: 136949  
License No.: 45-16222-01  
Action Type: Amendment

2. FEE ATTACHED

Amount: /  
Check No.: /

3. COMMENTS

Signed *Michael J. Ford*  
Date 5/3/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_