



NORTH PHILADELPHIA
HEALTH SYSTEM
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ST. JOSEPH'S HOSPITAL

January 25, 2005

Medical License Section
United States Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

03019261

Re: St. Joseph Hospital - License No. 37-19800-01

Dear Sir/Madam:

We request an amendment of our by-product material license to authorize Dr. Steven Greensweig, D.O. for medical usage of radioactive materials according to procedure permitted by 10 CFR 35.100 and 35.200.

Dr. Greensweig is currently licensed under NRC License #37-28359-01. Training and experience, preceptor statement is on file with NRC under the above license.

If you need any further information, please advise.

Thank you.

Sincerely,

Surendra B. Shah
Administrative Director, Radiology Services
Radiation Safety Officer

Cc: Catherine Kutzler, CEO/Administrator
Dr. Neil Berger, Chairman, Radiology Services

136364

NMSS/RGNI MATERIALS-002

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. Tenet Health System Graduate, L.L.C. d.b.a. Graduate Hospital</p> <p>2. One Graduate Plaza Philadelphia, Pennsylvania 19146</p>	<p>In accordance with the application dated July 26, 2004,</p> <p>3. License number 37-28359-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date January 31, 2014</p> <hr/> <p>5. Docket No. 03031046 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 35.300</p> <p>D. Any byproduct material permitted by 10 CFR 35.400</p> <p>E. Any byproduct material permitted by 10 CFR 35.400</p> <p>F. Strontium 90/ Yttrium 90</p> <p>9. Authorized use:</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 (Medi-Physics, Inc. Models 6711,6715, 6733 and 6735, Best Medical International, Inc. Model 81-01)</p> <p>E. Sealed sources (3M, Model series 6500, Medi-Physics, Inc. Model CDCT1)</p> <p>F. Sealed Sources (BEBIG Model Sr0.S03 or AEAT SICW Series (SICW.1 and SICW.2)</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. 500 millicuries</p> <p>D. 2000 millicuries</p> <p>E. 600 millicuries</p> <p>F. 5.0 millicuries per source; 500 millicuries total</p>

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
37-28359-01

Docket or Reference Number
030-31046

Amendment No. 21

- 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 iodine-131 study or procedure permitted by 10 CFR 35.300.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- E. Any manual brachytherapy procedure permitted by 10 CFR 35.400.
- F. Notwithstanding the requirements of 10 CFR 35.400, for use in Novoste A1000 series devices (BEBIG Model Sr0.S03 or AEAT SICW Series (SICW.1 and SICW.2) for intravascular brachytherapy.

CONDITIONS

- 10. Licensed material may be used or stored at the licensee's facilities located at One Graduate Plaza and the Diagnostic Services Building, 19th and South Streets, Philadelphia, Pennsylvania.
- 11. The Radiation Safety Officer for this license is Gary Coren, 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

Lydia Komarnicky, M.D.

35.400; Strontium90/Yttrium 90 in Novoste A1000 series systems

Franco Maria Nichini, M.D.

35.400; Strontium90/Yttrium 90 in Novoste A1000 series systems

Mark Alden, M.D.

35.400; Strontium90/Yttrium 90 in Novoste A1000 series systems

Jorge Freire, M.D.

35.400; Strontium90/Yttrium 90 in Novoste A1000 series systems

Gary Coren, M.D.

35.100; 35.200

Marc Silver, D.O.

35.100; 35.200; 35.500

Martin Friedman, D.O.

35.100; 35.200; 35.300

Eli Dweck, M.D.

35.100; 35.200; 35.300

Michael Brian Kates, M.D.

35.100; 35.200; 35.300, except thyroid carcinoma

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
37-28359-01Docket or Reference Number
030-31046

Amendment No. 21

Steven Greensweig, D.O.	35.100; 35.200
Lesley Hughes, M.D.	35.400
Bruce Thaler, M.D.	35.100; 35.200; 35.300
Alan Rebenstock, M.D.	35.100; 35.200; 35.300

- C. Intravascular brachytherapy procedures shall be conducted under the supervision of an authorized user, who will consult with the interventional cardiologist/physician and authorized medical physicist prior to initiating treatment. The procedures shall be conducted in the physical presence of the authorized user or the authorized medical physicist.

- D. The following individuals are authorized medical physicists as indicated:

Authorized Medical PhysicistsMaterial and Use

Patrick Glennon, CHP

Strontium 90/Yttrium 90 in a Novoste Beta-Cath System for calibrations, spot-checks, and training

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."
15. The intravascular brachytherapy afterloader device shall be inspected and serviced at intervals recommended by the manufacturer, and maintenance and repair shall be performed by the manufacturer or persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
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 July 26, 2004 (ML042250346)

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
37-28359-01Docket or Reference Number
030-31046

Amendment No. 21

- B. Letter received December 20, 2004(ML043640155)
C. Letter dated January 4, 2005

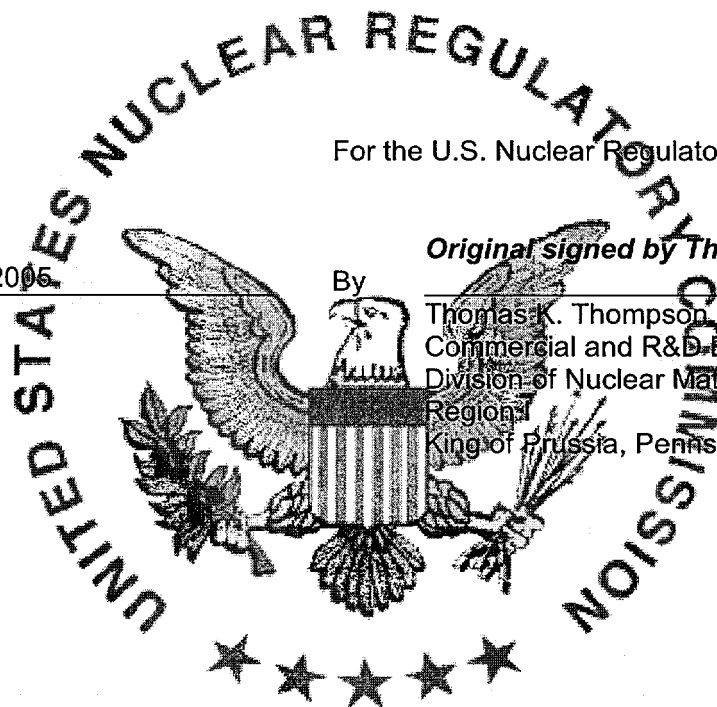
For the U.S. Nuclear Regulatory Commission

Original signed by Thomas K. Thompson

Date January 7, 2005

By

Thomas K. Thompson
Commercial and R&D Branch
Division of Nuclear Materials Safety
Regional
King of Prussia, Pennsylvania 19406



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

1/25/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amend 37-19800-01 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 136365.
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: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 02121
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: 7C
 : Exp. Date: 20131031
 : Fee Comments: _____
 : Decom Fin Assur Req'd: N
 :

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: NORTH PHILADELPHIA HEALTH SYSTEM
Received Date: 20050127
Docket No: 3019261
Control No.: 136364
License No.: 37-19800-01
Action Type: Amendment

2. FEE ATTACHED

Amount: /
Check No.: /

3. COMMENTS

Signed *Robert J. Ford*
Date 11/20/05

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 _____