



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

October 17, 2006

Docket No. 03003119  
Control No. 139470

License No. 37-09938-01

Cornelio R. Catena  
President and C.E.O.  
Northampton Hospital Corporation  
d/b/a Easton Hospital  
21<sup>st</sup> and Lehigh Streets  
Easton, PA 18042

SUBJECT: NORTHAMPTON HOSPITAL CORPORATION D/B/A EASTON HOSPITAL,  
LICENSE AMENDMENT, CONTROL NO. 139470

Dear Mr. Catena:

This refers to your license amendment request dated September 26, 2006. Enclosed with this letter is the amended license naming Mark D. Liddington as Radiation Safety Officer and removing your authorizations for manual brachytherapy and intravascular brachytherapy.

Please note that License Condition (L.C.) No. 12 has been updated to remove all references to brachytherapy, therefore two authorized users and one authorized medical physicist are no longer listed. Also note that L.C. No. 15, the "tie-down" condition, has been updated to remove a large number of old references that are no longer necessary.

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).

C. Catena  
Northampton Hospital Corporation

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Thank you for your cooperation.

Sincerely,

***Original signed by Sandra Gabriel***

Sandra Gabriel  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 53

cc:  
Mark D. Liddington, Radiation Safety Officer

DOCUMENT NAME: E:\Filenet\ML062920052.wpd

**SUNSI Review Complete: SGabriel**

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DATE	10/17/06							

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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 style="text-align: center;">Licensee</p> <p>1. Northampton Hospital Corporation d/b/a Easton Hospital</p> <p>2. 21st and Lehigh Streets Easton, Pennsylvania 18042</p>	<p>In accordance with the letter dated September 26, 2006,</p> <p>3. License number 37-09938-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2011</p> <hr/> <p>5. Docket No. 030-03119 Reference No.</p>
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| <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 31.11</p> <p>E. Depleted Uranium</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Prepackaged Kits</p> <p>E. Metal</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. 1000 millicuries</p> <p>D. 5 millicuries</p> <p>E. 110 kilograms</p> |
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9. Authorized use:
- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
  - B. Any imaging and localization procedure permitted by 10 CFR 35.200.
  - C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
  - D. In vitro studies.
  - E. Shielding in a linear accelerator.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
37-09938-01

Docket or Reference Number  
030-03119

Amendment No. 53

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities at 21st and Lehigh Streets, Easton, Pennsylvania.
11. The Radiation Safety Officer for this license is Mark D. Liddington.
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 Users</u>	<u>Material and Use</u>
Kenneth Kramer, M.D.	35.100; 35.200; 35.300; <u>In vitro</u> studies
Barbara Dinsmore, M.D.	35.100; 35.200
Stuart Jones, M.D.	35.100; 35.200; 35.300
Richard J. Torpie, M.D.	Depleted uranium for shielding
Camilo E. Alcosoba, M.D.	Depleted uranium for shielding
Jay Strauss, M.D.	35.100; 35.200; <u>In vitro</u> studies
Nalini Mehta, M.D.	Depleted uranium for shielding
Daniel A. N. Mascarenhas, M.D.	35.200
Thomas Little, M.D.	35.200
Karoush Khalighi, M.D.	35.200
Chandulal Patel, M.D.	35.200
Dana Richard Burke, M.D.	35.100; 35.200
Gregory Scott Foster, D.O.	35.100; 35.200
Stephen Ksiazek, M.D.	35.100; 35.200
Martine S. Backenstoss, M.D.	35.100; 35.200
Nainesh Patel, M.D.	35.100; 35.200

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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."
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. Letter dated February 22, 2001 [ML010680500]  
 B. Letter dated September 5, 2001 [ML012550297]  
 C. Letter dated August 30, 2005 [ML052510535]  
 D. Letter dated May 4, 2006 [ML061350152]

For the U.S. Nuclear Regulatory Commission

***Original signed by Sandra Gabriel***

Date October 17, 2006

By \_\_\_\_\_

Sandra Gabriel  
 Medical Branch  
 Division of Nuclear Materials Safety  
 Region I  
 King of Prussia, Pennsylvania 19406