



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

June 29, 2005

Docket No. 03001251  
Control No. 136851

License No. 06-02406-01

John Tobin  
President  
Waterbury Hospital Health Center  
64 Robbins Street  
Waterbury, CT 06721

SUBJECT: WATERBURY HOSPITAL HEALTH CENTER, LICENSE AMENDMENT,  
CONTROL NO. 136851

Dear Mr. Tobin:

This refers to your April 5, 2005, license amendment request. Enclosed with this letter is the amended license.

Although we amended your license as you requested, please note that based on the information that you provided in your April 5, 2005, license amendment request, we have opened an inspection to evaluate the adequacy of your transfer of a specifically licensed Varian Clinac 4/100 linear accelerator containing depleted uranium to be held under a General License by a company in Florida (Florida Veterinary Specialists, 3000 Busch Lake Blvd, Tampa, FL 33614). Once we gather additional information, we will evaluate this transfer, and advise you of our findings at a later date.

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).

J. Tobin  
Waterbury Hospital Health Center

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Thank you for your cooperation.

Sincerely,

***Original signed by Penny Lanzisera***

Penny Lanzisera  
Senior Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 59

cc:  
Gerald J. Randall, Radiation Safety Officer

J. Tobin  
Waterbury Hospital Health Center

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|--------|--------------------------|---|---------------------------|---|---------|--|--|--|
| OFFICE | DNMS/RI                  | N | DNMS/RI                   | N | DNMS/RI |  |  |  |
| NAME   | RRagland / <b>RCR1</b> / |   | PLanzisera / <b>PAN</b> / |   |         |  |  |  |
| DATE   | 6/29/05                  |   | 6/29/05                   |   |         |  |  |  |

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<br><br>1. Waterbury Hospital Health Center<br><br>2. 64 Robbins Street<br>Waterbury, Connecticut 06721 |  | In accordance with the letter dated<br>April 5, 2005,<br>3. License number 06-02406-01 is amended in<br>its entirety to read as follows: |  |
|   |  | 4. Expiration date August 31, 2005   |  |
|   |  | 5. Docket No. 030-01251<br>Reference No.   |  |

  

|   |  |  |
|---|--|--|
| 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. Any byproduct material permitted by 10 CFR 35.500  | D. Sealed sources (North American Scientific Model MED 3601; DuPont Merck Pharmaceutical Co. Model NES 8412; Isotope Products Laboratories Model NES 8412) | D. Not to exceed 325 millicuries per source and 2500 millicuries total         |
| E. Any byproduct material permitted by 10 CFR 31.11   | E. Prepackaged Kits  | E. 10.0 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. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

E. In vitro studies.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
06-02406-01Docket or Reference Number  
030-01251

Amendment No. 59

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at 64 Robbins Street, Waterbury, Connecticut.
11. The Radiation Safety Officer for this license is Gerald J. Randall, M.S.
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 UsersMaterial and Use

Bernard Percarpio, M.D.

35.300  
In vitro studies

Erick A. Hyson, M.D.

35.100; 35.200; 35.500  
oral administration of sodium iodide I-131 in  
quantities less than or equal to 33 millicuries  
In vitro studies

Anthony R. Carter, M.D.

35.100; 35.200; 35.500  
oral administration of sodium iodide I-131 in  
quantities less than or equal to 33 millicuries  
In vitro studies

Jeffrey A. Bitterman, M.D.

35.300  
In vitro studies

Gerald R. Berg, M.D.

35.100; 35.200; 35.500  
35.300 except I-131 in quantities greater than 33  
millicuries  
In vitro studies

Stephen Stein, M.D.

35.100; 35.200; 35.500  
oral administration of sodium iodide I-131 in  
quantities less than or equal to 33 millicuries  
In vitro studies

Kenneth S. Allen, M.D.

35.100; 35.200; 35.500  
In vitro studies

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Authorized UsersMaterial and Use

Anita L. Bourque, M.D.

35.100; 35.200; 35.500  
In vitro studies

Duncan Belcher, M.D.

35.100; 35.200; 35.300

Andrew Lawson, M.D.

35.100; 35.200  
35.300 except I-131 in quantities greater than 33  
mCi

Marco Verga, M.D.

35.100; 35.200

Joseph Ravalese, III, M.D.

35.300

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) and 40.36(b) 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."

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SUPPLEMENTARY SHEET**License Number  
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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 February 17, 1995
- B. Letter dated May 12, 1995
- C. Letter dated July 11, 1995
- D. Letter dated June 22, 1999
- E. Letter dated March 10, 2000
- F. Letter dated April 3, 2000
- G. Letter dated January 29, 2003
- H. Letter dated June 2, 2003
- I. Letter dated July 28, 2003



For the U.S. Nuclear Regulatory Commission

Date June 29, 2005  
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By

***Original signed by Penny Lanzisera***Penny Lanzisera  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406