



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

July 30, 2007

Docket No. 03008759  
Control No. 140705

License No. 37-15221-01

Michael J. Flanagan  
Senior Vice President  
St. Clair Memorial Hospital  
1000 Bower Hill Road  
Pittsburgh, PA 15243-1899

SUBJECT: ST. CLAIR MEMORIAL HOSPITAL, LICENSE AMENDMENT, CONTROL NO.  
140705

Dear Mr. Flanagan:

This refers to your license amendment request dated June 8, 2007. Enclosed with this letter is the amended license.

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 **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

***Original signed by Shirley Xu***

Shirley Xu  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 40

cc: David Palko, M.D., Radiation Safety Officer

M. Flanagan  
St. Clair Memorial Hospital

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**SUNSI Review Complete: SXu**

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| OFFICE | DNMS/RI   | <input checked="" type="checkbox"/> N | DNMS/RI | <input type="checkbox"/> | DNMS/RI | <input type="checkbox"/> |  | <input type="checkbox"/> |
| NAME   | SXu/SX    |                                       |         |                          |         |                          |  |                          |
| DATE   | 7/30/2007 |                                       |         |                          |         |                          |  |                          |

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.

|   |  |  |
|---|--|--|
| <p>Licensee</p> <p>1. St. Clair Memorial Hospital</p> <p>2. 1000 Bower Hill Road<br/>Pittsburgh, Pennsylvania 15243</p>   | <p>In accordance with the letter dated June 8, 2007,</p> <p>3. License number 37-15221-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date January 31, 2014</p> <p>5. Docket No. 030-08759<br/>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 in 10 CFR 35.400</p> <p>E. Any byproduct material permitted by 10 CFR 35.500</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 (North American Scientific Model MED 3631, Mills Biopharmaceuticals Model I-125 SL, Medi-Physics, Inc. Models 6711 and 6715)</p> <p>E. Sealed Sources (Isotope Products Laboratories Model No. HEG-137)</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. 75 millicuries</p> <p>D. 1 curie</p> <p>E. 5 millicuries per source and 10 millicuries total</p> |

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
37-15221-01Docket or Reference Number  
030-08759

Amendment No. 40

## 9. Authorized use:

- A. Any uptake, dilution and excretion procedure 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 for which the patient can be released under the provisions of 10 CFR 35.75.
- D. Any manual brachytherapy procedure permitted by 10 CFR 35.400 for which the patient can be released under the provisions of 10 CFR 35.75.
- E. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).

## CONDITIONS

- 10. Licensed material may be used or stored only at the licensee's facilities located at 1000 Bower Hill Road, Pittsburgh, Pennsylvania.
- 11. The Radiation Safety Officer for this license is David Palko, 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 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

Thomas W. Forbes, M.D.

35.100; 35.200; 35.300 except iodine-131 in quantities greater than 33 millicuries; 35.500

David Palko, M.D.

35.100; 35.200; 35.300 except iodine-131 in quantities greater than 33 millicuries; 35.500

Michael P. Breen, M.D.

35.100; 35.200; 35.300; 35.500

Donald P. Orr, M.D.

35.100; 35.200; 35.500

Christopher W. Modic, M.D.

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

Elizabeth Eelkema, M.D.

35.100; 35.200; 35.500

Joseph J. Bensy, M.D.

35.100; 35.200; 35.500

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|                                 |   |
|---------------------------------|---|
| Kris L. Ellis, M.D.             | 35.100; 35.200; 35.500  |
| Harshad R. Mehta, M.D.          | 35.200  |
| William Scott Morse, M.D.       | 35.100; 35.200  |
| Carolyn Marie Happ, M.D.        | 35.100; 35.200; 35.300  |
| James W. Marcucci, M.D.         | 35.200  |
| John A. Yankura, M.D.           | 35.100; 35.200; oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries |
| Robert S. Werner, M.D.          | 35.400  |
| Joseph L. Lenkey, M.D.          | 35.100; 35.200; oral administration of sodium iodide-131 in quantities less than or equal to 33 millicuries |
| John Milton Costello, Jr., M.D. | 35.200  |
| Rekha Mankad, M.D.              | 35.200  |
| Roger Tokar, M.D.               | 35.400  |
| Sherri Chafin, M.D.             | 35.100; 35.200; 35.300; 35.500  |
| Adil Waheed, D.O                | 35.200  |
| Scott Patterson, M.D.           | 35.100; 35.200; Oral administration of sodium iodide Iodine-131   |
| Frank S. Torak, M.D.            | 35.100; 35.200; 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) 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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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 January 5, 2004 [ML040250007]



For the U.S. Nuclear Regulatory Commission

Date July 30, 2007

By

***Original signed by Shirley Xu***

Shirley Xu  
Medical Branch  
Division of Nuclear Materials Safety  
Region I  
King of Prussia, Pennsylvania 19406