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February 6, 2007

United States Nuclear Regulatory Commission  
Region 1  
475 Allendale Rd.  
King of Prussia, PA 19406-1415

03003193

Re: Lic. # 37-13509-01

Dear Sir/madam:

We would like to amend the above license to reflect the following changes.

1. Delete David M. Bolden, D.O as the Radiation Safety Officer for this License. Dr. Bolden will continue to work as an authorized user in this license.
2. Add John C. Babu, M.S. as the Radiation safety Officer for this License. Mr. Babu is the Radiation safety Officer in our sister site, Mercy Fitzgerald Hospital (Lic. # 37- 00993-05). A copy of Mercy Fitzgerald Hospital's NRC license and a Delegation of Authority are enclosed for your review.

If you have any questions, please contact me at (610) 278 – 2002 or John C. Babu at (610) 237-4296.

Sincerely,

*Carol A Fluegge, RV, MA*

Carol Fluegge  
Chief Operating Officer

140075

NMCC/INM MATERIALS-002



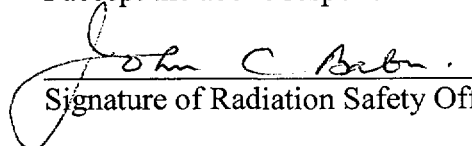
## DELEGATION OF AUTHORITY

Memo To: Radiation Safety Officer  
From: Chief Executive Officer  
Subject: Delegation of Authority

You, John C. Babu, M.S., DABR, have been appointed as Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety issues. In addition, you are free to raise issues with the Nuclear Regulatory Commission or the appropriate State agency at anytime. It is agreed that you are available at any time for radiation protection activities, provide guidance to our staff, and frequently visit our site to observe, educate and direct employees working in the department.

  
Signature of Management Representative

I accept the above responsibilities,

  
Signature of Radiation Safety Officer

Cc: Affected department heads

# Official Use Only - Security-Related Information

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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Amendment No. 63

## 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		In accordance with the letter dated October 10, 2006,
1. Mercy Fitzgerald Hospital		3. License number 37-00993-05 is amended in its entirety to read as follows:
2. 1500 Lansdowne Avenue Darby, Pennsylvania 19023-1291		4. Expiration date March 31, 2015
		5. Docket No. 030-08702 Reference No. 37-13464-02
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 35.400	D. Sealed sources (3M Model 6D6C-CA; Oncura Models 6711, 6715; Amersham Corp. Model SIA.20)	D. 3000 millicuries
E. Any byproduct material permitted by 10 CFR 35.500	E. Sealed source (North American Scientific Model MED 3601)	E. 300 millicuries per source and 1 curie total
F. Iridium 192 permitted by 10 CFR 35.600	F. Sealed sources [Nucletron Model 096.001 (manufactured by Mallinckrodt Medical or AEA Technology) or Alpha-Omega Services Model CSN0010-192]	F. 12 curies per source and 22 curies total
G. Depleted Uranium	G. Metal	G. 160 kilograms

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
37-00993-05Docket or Reference Number  
030-08702/37-13464-02

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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 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. Diagnostic medical use of sealed sources permitted by 10 CFR 35.500 in compatible devices registered pursuant to 10 CFR 30.32(g).
- F. One source for medical use permitted by 10 CFR 35.600, in a Nucletron MicroSelectron-HDR Classic remote afterloader unit. The source activity may not exceed 10 curies at the time of installation. One source in its shipping container as necessary for the replacement of the source in the remote afterloader unit.
- G. For shielding in a linear accelerator.

**CONDITIONS**

- 10. Licensed material may be used or stored only at the licensee's facilities located at Mercy Fitzgerald Hospital, 1500 Lansdowne Avenue, Darby, Pennsylvania, and Mercy Hospital of Philadelphia, 54th and Cedar Avenue, Philadelphia, Pennsylvania.
- 11. The Radiation Safety Officer for this license is John C. Babu, 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.

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B. The following individuals are authorized users for medical use as indicated:

Authorized UsersMaterial and Use

C. Jules Rominger, M.D.

35.100; 35.200; 35.300; 35.400; 35.500; Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit; Depleted Uranium

Edward B. Ruby, M.D.

35.300; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries

Leslie Tupchong, M.D.

35.300; 35.400, Iridium-192 for uses in a High Dose Rate Remote Afterloader Unit; Depleted Uranium

Joan Mack, M.D.

35.100; 35.200; 35.300; 35.500

Haytham Albizem, M.D.

35.200

Gerald DeVaughin, M.D.

35.200

Gurpreet Kochar, M.D.

35.200

Robert T. Smith, M.D.

35.100; 35.200

Robert E. Krisch, M.D., Ph.D.

35.400, Depleted Uranium

C. The following individuals are authorized medical physicists as indicated:

Authorized Medical PhysicistsMaterial and Use

Robert Stanton, Ph.D.

Iridium 192 in a High Dose Rate Remote Afterloader Unit for calibrations, spot checks and training; Strontium- 90 ophthalmic source for physical decay calculations and calibrations

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.

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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. Application dated October 14, 2005 (ML053010204)  
B. Letter dated April 3, 2006 (ML061010487)

For the U.S. Nuclear Regulatory Commission

Date November 14, 2006

By

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

Tuesday, November 14, 2006 4:24:50 PM

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

2/6/2007, and to inform you that the initial processing which includes an administrative review has been performed.

☒ AMEND. 37-13509-01  
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** 140075.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.