



NOT FOR-PROFIT HOSPITAL CORPORATION

U. S. Nuclear Regulatory Commission
Region I
Licensing Assistance Team
475 Allendale Road
King of Prussia, PA 19408

REC'D 103 12 14 AM 06/56

RE: Deletion of an authorized user and Radiation Safety Officer and Addition of New RSO
License No. 08-11182-01
Docket No. 030-01334
United Medical Center

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03001334

The following action to the above mentioned radioactive materials license is requested:

The addition of Malek Mansour Daneshvarnezhad M.S., DABR as an RSO and the deletion of Raymond E. Waters, M.D., Radiation Safety Officer and authorized user for materials and uses listed in 10 CFR 35.100 and 35.200. Documentation of Mr. Daneshvarnezhad's credentials is on file with NRC license 07-17792-01 (Beebe Medical Center.). A copy of the license listing Mr. Daneshvarnezhad as RSO is attached. Mr. Daneshvarnezhad has been approved by the Radiation Safety Committee to serve as the Radiation Safety Officer.

If there are any questions or if additional information is needed regarding the above matters, please contact Mr. Tekeste Yohannis, (consultant, Krueger-Gilbert Health Physics, Inc.) at 410-692-9806.

Sincerely,

Mr. Derek M. Perkins, MPH, RT (R)
Director of Radiology/Cardiology
United Medical Center

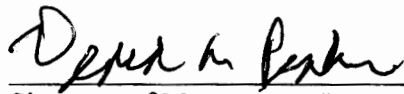
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NMSS/RGN1 MATERIALS-002

July 30, 2014

DELEGATION OF AUTHORITY

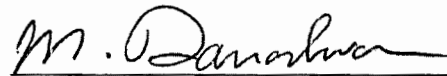
Memo To: Mr. Malek Mansour Daneshvarnezahd, M.S., DABR, Radiation Safety Officer
From: Management
Subject: Delegation of Authority

You, Mr. Daneshvarnezahd, have been appointed 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 radioactive material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management of situations where staff are not cooperating and not addressing radiation safety issues. In addition, you are free to raise issues with the NRC at anytime.



Signature of Management Representative

I accept the above responsibilities,



Signature of Radiation Safety Officer

U.S. NUCLEAR REGULATORY COMMISSION

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. Beebe Medical Center c/o Radiology Department</p> <p>2. 424 Savannah Road Lewes, Delaware 19958</p>	<p>In accordance with the application dated December 18, 2013,</p> <p>3. License number 07-17792-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2024</p> <hr/> <p>5. Docket No. 030-13331 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. Iodine 125 permitted by 10 CFR 35.400</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 as specified in Condition 12</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. 1 curie</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 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.

CONDITIONS

10. A. Licensed material may be used or stored only at the licensee's facilities located at 424 Savannah Road, Lewes, Delaware.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
07-17792-01

Docket or Reference Number
03013331

Amendment No. **45**

- B. Licensed material in Item 6.B. may be used or stored at the licensee's facilities located at the Beebe Health Campus, Bookhammer Outpatient Center, 18941 John J. Williams Highway (Route 24), Rehoboth Beach, Delaware.
- C. Licensed material Item 6.D. may be used or stored at the licensee's facilities located at the Beebe Health Campus, Bookhammer Outpatient Center, 18941 John J. Williams Highway (Route 24), Rehoboth Beach, Delaware.

11. The Radiation Safety Officer for this license is Malek Mansour Daneshvarnezhad, M.S., DABR.

12. Sealed sources permitted by this license include:

<u>Isotope</u>	<u>Source Model Number</u>	<u>Maximum Activity Per Source</u>
I-125	Medi-Physics, Inc. (d/b/a GE Healthcare) Model 6711	270 millicuries
I-125	Best Medical International, Inc. Model 2301	110 millicuries
I-125	Theragenics Corp. Model I25.S06	40 millicuries
I-125	Theragenics Corp. Model AgX100	20 millicuries
I-125	IsoAid, LLC Model IAI-125A	10 millicuries
I-125	Bard Brachytherapy, Inc. Model STM1251	15 millicuries
I-125	Amersham/Medi-Physics, Inc. Model 6702	195 millicuries
I-125	Eckert & Ziegler BEBIG, Inc., Model I25.S06	100 millicuries

13. 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>
Brian Costleigh, M.D.	35.300; 35.400
Michael Ramjattansingh, M.D.	35.100; 35.200
Andrejs Strauss, M.D.	35.400

**MATERIALS LICENSE
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<u>Authorized Users</u>	<u>Material and Use</u>
Ellen Bahtirian, M.D.	35.100; 35.200; 35.300
Frances Esposito, M.D.	35.100; 35.200; 35.300
Andrew Dahlke, M.D.	35.100; 35.200
Jeffrey McCann, M.D.	35.100; 35.200
Norman H. Boyer, M.D.	35.100; 35.200
Habib Bolourchi, M.D.	35.200
Georges Abdul-Karim Dahr, M.D.	35.200
Rajinder Prasad, M.D.	35.200
Ramon Alberto Rosa, M.D.	35.200
Dennis Michael Flamini, D.O.	35.100; 35.200; Oral administration of sodium iodide I-131
Jennifer Hung, M.D.	35.400
Jose Barriocanal, M.D., Ph.D.	35.100; 35.200; Oral administration of sodium iodide I-131
Mouhanad K. Freih, M.D.	35.100; 35.200
Barry S. Denenberg, M.D.	35.200

14. 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.
15. 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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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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Amendment No. 45

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. Letter dated January 20, 2011, except shielding assessment [ML110200525]
- B. Letter dated February 7, 2011 [ML110390314]
- C. Facility diagrams received March 19, 2012 [ML120790362]
- D. Application dated December 18, 2013 [ML14014A072]
- E. Letter dated May 29, 2014 [ML14163A664]

For the U.S. Nuclear Regulatory Commission

Original signed by Penny Lanzisera

Date June 17, 2014

By _____

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

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This is to acknowledge the receipt of your letter application dated

7-30-14, and to inform you that the initial processing which includes an administrative review has been performed.

Amerd : 08-11182-01
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 584546
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader