LOWER
BUCKS
HOSPITAL

Saving Lives, Every Day

June 22, 2007

NMSS1

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

RECEIVED
REGION 1
2007 JUN 28 PM 12: 15

Attention: Medical Licensing Division 03003073

Re: Materials License: 37-06572-02
Mail Control Number 140294

To Whom It May Concern:

In reference to your request from our consultant medical physicist, please note that Lower Bucks Hospital is no longer affiliated with the Temple University Health System. The correct name for our hospital is now *Lower Bucks Hospital.* The former relationship constituted simply an affiliation, and not an ownership.

Also, please note the address to which correspondence should be sent is 501 Bath Road, Bristol, PA 19007.

If you have any questions or require additional information, please do not hesitate to contact myself or our consultant Medical Physicist, Karen Wheeler, MS, DABR, at (908) 788-9440 ext. 45.

Sincerely,

Austin Cleveland
Chief Executive Officer,
Lower Bucks Hospital

140733

NMSS/RGN1 MATERIALS-002

BIO-MED ASSOCIATES, INC.
4 MAIN STREET FLEMINGTON, NEW JERSEY 08822
908-788-9440
FAX 788-6757

June 19, 2007

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

Attention: Medical Licensing Division

03003073

Re: Materials License: 37-06572-02
Mail Control Number 140294

Dear Ms. Lanzisera

Thank you for the opportunity to provide additional information regarding the application for an amendment to the materials license of Lower Bucks Hospital.

In response to your letter dated June 4, 2007, please note the following:

1. Lower Bucks Hospital (LBH) was previously affiliated with the Temple University Health System (TUHS) and was named Temple Lower Bucks Hospital. LBH has since discontinued its affiliation with TUHS and in fact has no affiliation with any health system. Therefore LBH no longer includes "Temple" in its name. Please contact Mark Ansley, MD, the RSO, for more information regarding this transition at (215) 785-9332 or his receptionist at (215) 785-9122.

2. While LBH was affiliated with TUHS, health physicists from the Department of Environmental Health and Safety at Temple University performed monthly audits of the nuclear medicine department. This was in addition to medical/health physics consultant services provided to the Department of Radiology by Bio-Med Associates, Inc. Temple University personnel no longer conduct audits of our nuclear medicine department. Bio-Med Associates, Inc. continues to provide our radiology physics consulting services, with coverage of 2.5 days per month. The credentials of the physicist currently covering LBH are attached.

3. There were no changes in the organization, location, facilities, equipment or procedures at Lower Bucks Hospital pertaining to nuclear medicine as a result of its disassociation with TUHS other than the discontinuation of the monthly audits referenced in paragraph 2.

4. The overall responsibility of the surveillance program (surveys, wipe tests, quality control, etc.) remained with our medical physicist consultant at the time of the disassociation with TUHS.

5. There was no decommissioning of any areas of our facility as a result of the disassociation with TUHS.

6. LBH will abide by all constraints, conditions, requirements and commitments of the existing material license.

7. LBH retained all sealed sources in its possession at the time of its disassociation with TUHS.

Please note that the proper mailing address of our facility is:

Lower Bucks Hospital
501 Bath Road
Bristol, PA 19007

If you have any questions or require additional information, please do not hesitate to contact our consultant medical physicist, Karen Wheeler, MS, DABR, at (908) 788-9440 ext. 45.or via pager at (215) 308-2648.

Sincerely,

Karen D. Wheeler

Karen D. Wheeler, MS, DABR
Consultant Medical Physicist
kwheeler@biomedphysics.com

Karen D. Wheeler, M.S., M.M.P, DABR

Bio-Med Associates, Inc.
Main Street
Flemington, NJ 08822

phone: (908) 788-9440
fax: (908) 788-6757
kwheeler@biomedphysics.com

EXPERIENCE: Medical Physicist January 2003 – present

Bio-Med Associates, Inc.

- Perform quality control testing of diagnostic imaging equipment including radiographs, fluoroscopes, MRI, and computed tomography (CT) systems
- Perform quality control surveys of mammography equipment
- Qualified Medical Physicist, NJ DEP, for Diagnostic X-ray imaging including CT
- Shielding design for new and remodeled diagnostic radiology sites
- Perform quality assurance testing on nuclear medicine instrumentation including dose calibrators and well counters
- Personnel dosimetry review

Medical Health Physicist October 1997 – December 2002

University of Pennsylvania Environmental Health and Radiation Safety

- Perform quality control testing of human and veterinary use energized equipment including intraoral and dental pan/ceph radiographs, fluoroscopes, radiographs, and computed tomographic (CT) systems
- Radiation Safety oversight of nuclear medicine and Cyclotron facility
- Develop and implement radioactive materials training for university researchers and ancillary personnel
- Review research protocols involving the use of ionizing radiation on human subjects

Health Physics Technician September 1996 - October 1997

University of Pennsylvania Environmental Health and Radiation Safety

- Assisted in performing quality control testing of energized equipment
- Performed radiation safety audits of laboratories
- Monitored clinical therapeutic administrations of radioactive materials
- Responded to radiation incidents and spills

Research Specialist November 1991 - September 1996

University of Pennsylvania Department of Physics

- Responsible for the daily operation of the Warm Liquid Calorimetry Laboratory; operated and maintained all laboratory equipment
- Prepared proposals to external funding agencies

EDUCATION:

Master of Medical Physics, 2001 University of Pennsylvania, Philadelphia, PA

Master of Science (Physics), 1990 University of South Carolina, Columbia, SC

Thesis title, *Localization of Gamma Rays in Cherenkov Detectors*

Bachelor of Science (Physics), 1988 St. Joseph's University, Philadelphia, PA

Cum Laude

CERTIFICATION AND AFFILIATIONS:

American Board of Radiology, Diagnostic Radiologic Physics, 2005

American Association of Physicists in Medicine (AAPM)

Delaware Valley Chapter; AAPM; New Jersey Health Physics Society

The American Board of Radiology

Organized through the cooperation of the
American College of Radiology, the American Roentgen Ray Society,
the American Radium Society, the Radiological Society of North America,
the Section on Radiology of the American Medical Association,
the American Society for Therapeutic Radiology and Oncology, the Association of
University Radiologists, and American Association of Physicists in Medicine
Hereby certifies that

Karen Denise Wheeler, MS

Has pursued an accepted course of graduate study
and clinical work, has met certain standards and qualifications and
has passed the examinations conducted under the authority of
The American Board of Radiology
On this seventh day of June, 2005
Thereby demonstrating to the satisfaction of the Board
that she is qualified to practice the specialty of

Diagnostic Radiologic Physics

Peter A. Seibel, M.D.
President

Richard T. Hoppe MD
Secretary-Treasurer

R.P. Hatten MD
Executive Director

Certificate No. P3523

Valid through 2015

Jun 19 07 10:41p Karen D. Wheeler 215-788-3810 p.5

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

June 4, 2007

Docket No. 03003073 License No. 37-06572-02
Control No. 140294

Mark Ansley, M.D.
Chairman, Department of Radiology and RSO
Temple Lower Bucks Hospital, Inc.
Bath Road and Orchard Avenue
Bristol, PA 19007

SUBJECT: TEMPLE LOWER BUCKS HOSPITAL, INC., REQUEST FOR ADDITIONAL INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 140294

Dear Dr. Ansley:

This is in reference to your letters dated March 16 and April 24, 2007 requesting to amend Nuclear Regulatory Commission License No. 37-06572-02. As discussed with your consultant on several occasions, it appears that a possible change of ownership (control) has occurred. Licensees must provide full information and obtain NRC's prior written consent before transferring control of the license. Control of a license is in the hands of the person or persons who are empowered to decide when and how that license will be used. That control is to be found in the person or persons who, because of ownership or authority explicitly delegated by the owners, possess the power to determine corporate policy and thus the direction of the activities under the license. A transferee is an entity that proposes to purchase or otherwise gain control of an NRC-licensed operation. A transferor is an NRC licensee selling or otherwise giving up control of a licensed operation. Provide the following information concerning changes of control by the applicant (transferor and/or transferee, as appropriate). If any items are not applicable, so state.

1. Provide a complete description of the transaction (transfer of stocks or assets, or merger). Indicate whether the name has changed and include the new name. Include the name and telephone number of a licensee contact who NRC may contact if more information is needed.

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel.

3. Describe any changes in the organization, location, facilities, equipment or procedures that relate to the licensed program.

4. Describe the status of the surveillance program (surveys, wipe tests, quality control) at the time that control was/is to be transferred.

5. Confirm that all records concerning the safe and effective decommissioning of the facility was/will be transferred to the transferee or to NRC, as appropriate. These

records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

6. Confirm that the transferee will abide by all constraints, conditions, requirements and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

7. Confirm that all sealed sources were transferred to the transferee, or provide disposal documentation.

Current NRC regulations and guidance are included on the NRC's website at 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 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 140294. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5169.

If we do not receive a reply from you within 15 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by Penny Lanzisera

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

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

6/22/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 37-06572-02

☑ 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

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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** 140733.
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