



**Georgetown
University
Hospital**

MedStar Health

J-9

May 27, 2010

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

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RECEIVED
REGION 1
2010 MAY 28 AM 11:02

Reference: License #08-30577-01 Renewal Application

Dear Sir/Madam,

The Medstar Georgetown Medical Center, Inc. (MGMC) radioactive material license (#08-30577-01) is due to expire on June 30, 2010. To ensure timely renewal of the license commitments, MGMC is submitting the license renewal application to receive and use radioactive materials. It is our intent to maintain our radiation safety program that will assure the safety of workers, the public, and minimize contamination to our facility and the environment. Our programs to accomplish these goals are further described in the accompanying license renewal application.

Our Radiation Safety Officer, Dennis Clum resigned his position as the RSO effective the end of May. Enclosed in this license renewal package is the resume for Auroba Al-Samaracee. MGMC plans to name Ms. Al-Samaracee as the Interim RSO for this facility as we search for a new RSO. Ms. Al-Samaracee served as Interim RSO for this license between March and August 2009 and was approved by the NRC via a memo dated June 15, 2009.

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I have reviewed the application for renewal and as the designated management representative for review and oversight of this license, agree to the commitments contained in this application for renewal.

In accordance with 10 CFR 170.31 section 7(b) we have enclosed our check for \$26,000 to cover the annual renewal fee.

We appreciate your prompt review of this renewal application and look forward to the re-issuance of the license. Please address any questions or concerns to either me or Auroba Al-Samaracee. We can be reached at (202) 444-4657. Thank you.

Sincerely,

Emma F. Hooks
Executive Administration Representative to the Radiation Safety Committee
Assistant Vice-President, Safety Management & Environmental Quality

Enclosure

572957

NMSS/RGN1 MATERIALS-002
SPLIT OUT OF 144721
6/11/2010.



Date: June 2, 2010

To: M. Sachtleben
Chief Operating Officer
Administration

From: E. Hooks
Assistant Vice President
Safety Management, Environmental Quality

Subject: Radiation Safety Management Program Staffing - Revised

The following summarizes Radiation Safety Department staffing efforts in response to recent RSO resignation.

Health Physicist Position - New

Refer to Attachment A, dated February 26, 2010.

The request for a Health Physicist is re-submitted for consideration for approval. The addition of a Health Physicist was recommended during the CY09 DC DOH inspection. The external Radiation Safety Program audit, performed by a qualified vendor, also recommends the addition of a Health Physicist to support medical procedures, dosimetry management, surveys, audits and radioactive material waste management.

RSO – Present Status:

On Wednesday, May 12, 2010, the organizational Radiation Safety Officer, resigned, effective Thursday, May 27, 2010.

In order to maintain compliance with GUH Nuclear Regulatory Commission (NRC) License provisions, the following is provided.

Interim RSO:

A. Latief Al-Samaraee, On Call DRSO, agreed to serve as Interim Radiation Safety Officer, commencing on Friday, May 28 – July 2, 2010.

In the interest of continuity, Giuseppe Esposito MD, Chief Nuclear Medicine Department, Radiation Safety Committee member and Radioactive Materials User has agreed to fill the Radiation Safety Officer role. Preliminary review revealed G. Esposito MD, is qualified to serve as RSO, in accordance with, Nuclear Regulatory Commission requirements.

Appointing G. Esposito MD, as RSO allows for a permanent RSO appointment following A. Latief Al-Samarraee's departure on Friday, July 2, 2010. Upon NRC approval of G. Esposito MD, will continue to serve as organizational RSO until a qualified full-time RSO is successfully transitioned.

Negotiations are underway, with a qualified vendor, to retain an on-site Interim Health Physicist consultant, in and around June 21, 2010. Cost and other details pending.

Radiation Safety Management Consultant Vendor Support:

Dade Moeller Associates:

Provide Radiation Safety Management Program support for NRC license compliance, including but not limited to license application, policies & procedures and audits.


Krueger-Gilbert:

Performs X-Ray and other diagnostic equipment inspections, in accordance with manufacturer recommendations and agency requirements, i.e., DC DOH and FDA.

In addition, provide technical support in accordance with FDA recommendations for patient radiation dose reduction.

Your support in this matter is greatly appreciated!

Enclosure

 <p>Georgetown University Hospital <i>MedStar Health</i></p>	HEALTH PHYSICIST		
	DEPT: RADIATION SAFETY		DEPT. #: 42506
	CLASS CODE: 702528	GRADE: 11	EFFECTIVE: 3/02 REVISED: 6/09
	FILE: 42506/702528.D01		STATUS: EXEMPT

GENERAL DESCRIPTION: coordinates the implementation of the Radiation Safety Operations Program and performs activities required to ensure compliance with applicable federal, state, regulatory requirements and organizational protocols. These functions are performed in accordance with all applicable laws and regulations and Georgetown University Hospital's philosophy, policies, procedures and standards.

RESPONSIBLE FOR: Health Physics Technician
REPORT TO: Deputy Radiation Safety Officer (DRSO)

ESSENTIAL RESPONSIBILITIES:

- A. Performs general surveillance of Radiation Safety activities including personnel, facility and environmental monitoring.
- B. Manages the organizational personnel dosimetry program. Evaluates personnel radiation exposure data. Facilitates notification to Radiation Safety Officer and other affected personnel.
- C. Review Radiation Safety Practices, revise as applicable and coordinate as necessary to ensure adherence to prevent Radiation High Exposure occurrences in accordance with organizational protocols.
- D. Provides consultation services to Radiation Workers and patients regarding radiation doses and Radiation Safety Practices.
- E. Performs observations, audits and assessments to ensure adherence to Radiation Safety Practices as deemed appropriate to ensure optimum performance. Tracks and trends results to identify areas for improvement. Coordinates as necessary for remediation and provide written summary reports, with graphics, as applicable, to Radiation Safety Officer for review.
- F. Assists Deputy Radiation Safety Officer in performing annual compliance testing of X-ray units and takes charge in performing inspection when the DRSO is not available.
- G. Supports Deputy Radiation Safety Officer by performing Annual Radiation Compliance Testing of Radiation Producing Machines. Prepares written compliance reports and submits to Radiation Safety Officer in timely manner for review.
- H. Notifies Deputy Radiation Safety Officer or/and Radiation Safety Officer of serious deficiencies identified during Radiation Compliance Testing of X-Ray Machines. Removes subject equipment from service and coordinates with Biomedical Engineering for repair and return to service.
- I. Performs leak testing on sealed radioactive sources, calibration and maintenance of ionizing radiation monitoring instruments.
- J. Supports the Radiation Safety Education and Training Program by providing Radiation Safety Technical Training for both Radioactive Materials and X-Ray users.
- K. Manages Radioactive Waste Program to ensure organizational compliance.

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- L. Manages and prepares Radioactive Material shipments to ensure compliance with applicable regulatory requirements defined by US Department of Transportation and Nuclear Regulatory Commission (NRC) and other agencies as applicable. Maintains associated documentation current and available for review upon request.
 - M. In the absence of the Deputy Radiation Safety Officer, upon notification, immediately responds to incidents/occurrences involving Radioactive Materials. Coordinates corrective action to ensure individual and environmental safety. Develops action plan to minimize interruption to service and return to normal operations.
 - N. Serves as Radiation Safety Officer Technical designee at organizational Emergency Preparedness activities including drill planning and execution.
 - O. Appropriately delegates responsibility to Health Physics Technician; assures responsibilities continue during the Physicists absence.
 - P. Provides technical support for the organizational Radiation Safety Manual Policies and Procedures, during the drafting, review and approval process.
 - Q. Assumes other duties and responsibilities that are appropriate to the position and area. The above responsibilities are a general description of the level and nature of the work assigned to this classification and is not to be considered as all-inclusive.

MINIMUM QUALIFICATIONS FOR THE POSITION: CONSIDERATION WILL BE GIVEN TO AN APPROPRIATE COMBINATION OF EDUCATION/TRAINING AND EXPERIENCE

EDUCATION AND OR TRAINING REQUIRED: Bachelor's Degree in Health Physics/Environmental Sciences with minimum of 5 years of experience in Medical Health Physics, or Associate's degree in Health Physics/Environmental Sciences with at least ten (10) years of experience in Medical Health Physics.

LICENSURE AND OR CERTIFICATION: current certificates in Radioactive Material Shipments and DC Department of Health, Certificate in Radiation Health Physics to perform X-ray inspections in Healthcare/Hospital environments.

EXPERIENCE: minimum of 5 years of experience in Medical Health Physics to include: conducting ionizing radiation surveys and measurements; preparing written reports of radiation protection activities; analyzing samples for radioactivity; personnel dosimetry - Radiation Badges; shipment of radioactive materials; calibration and maintenance of instruments used during routine Radiation Safety activities; Inspection of X-ray units; securing and controlling radioactive material; use of administrative controls to ensure safety in the administration of byproduct material; use of procedures to prevent or minimize radioactive contamination and implementation of proper decontamination procedures; use of emergency response procedures to control byproduct material; and disposal of byproduct material; or experience and knowledge In managing health physics practices in nuclear medicine, and radiation oncology, facilities providing full range of diagnostic and/or therapeutic services; knowledge and experience in diagnostic medical physics with emphasis in the use of x-rays.

HEALTH PHYSICIST

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SPECIAL KNOWLEDGE/SKILLS/ABILITIES: Excellent leadership, management and organizational skills. Excellent written and verbal communication skills.

ADDITIONAL REQUIREMENTS FOR THE POSITION:

Typing and basic computer knowledge including Microsoft Office and database management skills.

WORKING SCHEDULE: Monday - Friday 8:00 am - 5:00 pm. Incumbent is expected to retain operational responsibility on a twenty-four (24) hour basis seven (7) days a week.

THE SCHEDULE MAY BE CHANGED AS BUSINESS NEEDS DICTATE

PHYSICAL REQUIREMENTS OF THE POSITION: REASONABLE ACCOMMODATION WILL BE CONSIDERED WHERE APPROPRIATE: FEDERAL REHABILITATION ACT OF 1973, SEC. 503-504, and AMERICANS WITH DISABILITIES ACT OF 1990, PL. 101-336). PHYSICAL AND EMOTIONAL HEALTH SUFFICIENT TO MEET THE CRITERIA FOR THE ANNUAL PHYSICAL EXAMINATION AND SPECIFIC JOB DEMANDS, WHICH ARE INCLUSIVE OF BUT NOT LIMITED TO: Ability to lift and transfer boxes, plastic bags and phantoms up to fifty (50) pounds. Ability to bend, stoop, reach, stretch and work with arms over head while preparing patient treatment rooms.

PERFORMANCE LEVEL AND SCOPE OF SUPERVISION REQUIRED:

SUPERVISION LEVEL: General Direction

THE INCUMBENT IS ABLE TO FUNCTION INDEPENDENTLY AS DEFINED IN THE JOB DESCRIPTION WITHIN A TIME FRAME OF 3 months.