Georgetown
University
Hospital

MedStar Health

J-9
MS-16

September 20, 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

03035409

**Reference: License #08-30577-01 Additional Information As Requested**

Dear Sir/Madam:

This letter is in response to a phone call from your office on September 16, 2010 requesting additional information regarding the license amendment request to name Dr. Esposito as the RSO for MedStar Georgetown Medical Center, Inc. (MGMC). Additional information was requested in relation to 10 CFR 35.50(e) and more detail regarding the additional support provided by Dade Moeller & Associates staff.

Documentation regarding training in accordance with 10 CFR 35.50(e) for Dr. Esposito:

- During Dr. Esposito's meeting with Dalong Pang, Ph.D., Radiation Physics Department, time was spent covering the radiation safety issues, regulatory issues and emergency response procedures for the brachytherapy program involving the Cs-137 sources, prostate brachytherapy program, and the HDR unit involving the Ir-192. During a tour of the HDR treatment room, Dr. Esposito reviewed the security, storage of radiation sources and emergency procedures.

- While reviewing the Blood Bank Irradiator program, Dr. Esposito focused on the requirements for the safe use of the irradiator, radiation safety issues related to the device, regulatory issues, and the emergency procedures for the blood irradiator. These items were included in the tour of the irradiator.

- In addition, Dr. Esposito completed the Dade Moeller Radiation Safety Academy Medical Radiation Safety Officer Course (MRSO) and DOT Course on September 17, 2010. During the MRSO course, Dr. Esposito reviewed radiation safety regulations pertaining to the safe use of the radioactive material associated with the Brachytherapy program, HDR program and Blood Irradiator program. He was trained on pertinent radiation safety issues related to the management of the programs as well as steps to take for emergency response as the RSO for such a facility. Copies of his training certificates are attached for your records.



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NMSS/RGN1 MATERIALS-002

Information pertaining to the additional support from Dade Moeller & Associates:

- The Dade Moeller CHP staff have been involved in scheduled weekly conference calls with me and my staff discussing radiation safety issues and concerns in relation to the daily management of the radiation safety program. These hour long weekly meetings began in February 2010 and will continue as scheduled on a weekly basis. Frequently, additional conference calls are held as needed at the request of Georgetown University Hospital on program related activities.

- The Radiation Safety Technician at Georgetown University Hospital has direct access to the Dade Moeller CHP staff (Kelly Austin, CHP and Sean Austin, CHP) via email and phone calls for additional consult and discussions regarding the daily operations of the program.

- Ms. Austin was onsite for 4 days in June 2010 to provide guidance on radiation safety issues.

- Ms. Austin attended, via conference call, the September 2010 RSC meeting to provide guidance and insight into the radiation safety issues on the agenda.

- Ms. Austin is scheduled to perform the quarterly audit in October 2010 and will return again in December 2010 to complete the annual audit.

Thank you for your prompt attention regarding this amendment request and additional information as provided. Please contact me if additional information is needed. If you have any questions, I may be reached at 202-444-2903.

Sincerely,

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

Enclosure: Training Certificates for Dr. Giuseppe Esposito

# Certificate of Training

**Awarded To**

## *Giuseppe Esposito*

Recognizing completion of 5 days of specialized instruction in

## Medical Radiation Safety Officer with DOT option

**September 17, 2010**

Presented By

***Dade Moeller Radiation Safety Academy***

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877

www.moellerinc.com/academy -- 301-990-6006

ABIH has awarded this course 6.68 CM Points, CM Approval #09-4769
ARRT and SNMT has approved this course up to 39.5 CEH's, 024551-024555
AAHP has awarded this course 32 Continuing Education Credits, 2009-00-076

Ray Johnson

Ray Johnson, MS, PE, FHPS, CHP
Vice President, Training Programs

# Certificate of Training

This Certifies That

## *Giuseppe Esposito*

has been trained, tested and successfully completed specialized instruction in

## DOT, NRC & IATA Requirements for Shipping Radioactive Material

## September 15, 2010

Presented By: **Sean M. Austin, Instructor**
***Dade Moeller Radiation Safety Academy***
438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877
www.moellerinc.com/academy -- 301-990-6006

Presented For: **Georgetown University Hospital**

Presented At: **Gaithersburg, MD**

Sean Austin, MS, CHP
Senior Health Physicist

This certifies that the employee named on this certificate has been trained and tested in accordance with the training requirements of 49 CFR 172, Subpart H.

Employer's Signature

This certificate is valid for 24 months for ICAO/IATA and for three years for U.S. Department of Transportation and U.S. Nuclear Regulatory Commission or Agreement State Agencies.