



**Georgetown
University
Hospital**



February 20, 2007

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Hospital Administration

NMS 84

U.S. Nuclear Regulatory Commission, Region I
Nuclear Material Section B,
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

SUBJECT: MEDSTAR GEORGETOWN MEDICAL CENTER REQUEST FOR
AMENDMENT TO NRC MATERIALS LICENSE

Reference: NRC License 08-30577-01 *03035409*

This is a request to amend NRC Materials License 08-30577-01. MedStar Georgetown Medical Center (d.b.a. Georgetown University Hospital) is requesting an amendment to change the Radiation Safety Officer. Specifically, please remove the name of John E. Glenn as Radiation Safety Officer and replace his name with Jason D. Dunavant.

Dr. Glenn is retiring effective March 31, 2007. Mr. Dunavant has been an employee of the MedStar Georgetown Medical Center serving as Deputy Radiation Safety Officer since October 2005. The Radiation Safety Committee has reviewed Mr. Dunavant's qualifications (enclosed) and voted unanimously to submit his name as Radiation Safety Officer.

I will continue to be the executive officer who will receive all licensing and inspection correspondence and serve as management's representative on the Radiation Safety Committee. Mr. Dunavant will report to me.

If you have any questions, or if there is anything we can do to assist you in expediting your review, please do not hesitate to call Mr. Dunavant at 202-444-4534 or Dr. Glenn at 202 444-4049 or email Mr. Dunavant at jdd2@gunet.georgetown.edu.

Sincerely,

Joyce Johnson

Senior Vice President of Operations
and Chief Nursing Officer

Enclosure: Training and experience of Jason D. Dunavant

140145

NRC/REG: MATERIALS-002

MedStar Health

3800 Reservoir Road, NW, Washington, DC 20007-2197
phone: 202 444 3000 • fax: 202 444 3095

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION
[10 CFR 35.50]**

APPROVED BY OMB: NO. 3150-0120
EXPIRES: 10/31/2008

Name of Proposed Radiation Safety Officer
Jason D. Dunavant, CHP

Requested Authorization(s) *The license authorizes the following medical uses (check all that apply):*

- 35.100
 35.200
 35.300
 35.400
 35.500
 35.600 (remote afterloader)
 35.600 (teletherapy)
 35.600 (gamma stereotactic radiosurgery)
 35.1000 (_____)

**PART I -- TRAINING AND EXPERIENCE
(Select one of the four methods below)**

*Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the uses checked above.

1. Board Certification

- a. Provide a copy of the board certification.
- b. Use Table 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- c. Skip to and complete Part II Preceptor Attestation.

OR

2. Current Radiation Safety Officer Seeking Authorization to Be Recognized as a Radiation Safety Officer for the Additional Medical Uses Checked Above

- a. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO is sought.
- b. Skip to and complete Part II Preceptor Attestation.

OR

3. Structured Educational Program for Proposed Radiation Safety Officer

a. Classroom and Laboratory Training

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	Colorado State university	84	Sep 92-May 94
	Academy of Health Sciences, FSH, Tx	76	May 1986
Radiation protection	Colorado State University	28	Sep-Dec 93
	Bob Alexander Course given at Fort Belvoir, Virginia	16	July 94
Mathematics pertaining to the use and measurement of radioactivity	Colorado State University	84	Sept 92-May 94
	ORISE Course presented at Edgewood, MD	95	Mar 96
Chemistry of byproduct material for medical use	Colorado State University	42	Sep-Dec 93
	Walter Reed Army Medical Center	8	April 95
Radiation biology	Colorado State University	72	Jan-May 93
	Armed Forces Biological Research Institute	24	March 88

Total Hours of Training:

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Description of Experience	Location of Training/ License or Permit Number of Facility	Dates of Training*
Shipping, receiving, and performing related radiation surveys	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Securing and controlling byproduct material	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Using administrative controls to avoid mistakes in administration of byproduct material	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Using emergency procedures to control byproduct material	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Disposing of byproduct material	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ _____ _____ _____	Walter Reed Army Medical Center, Washington, DC NRC License 08-01738-02 Tripler Army Medical Center, Honolulu, Hawaii NRC License 53-00458-04 Georgetown University Hospital NRC License 08-30577-01	July 94-July 96 July 96- June 2000 Oct 2005-Feb 2007

+ Choose all applicable sections of 10 CFR Part 35 to describe radioisotopes and quantities used: 35.100, 35.200, 35.300, 35.400, 35.500, 35.600 remote afterloader units, 35.600 teletherapy units, 35.600 gamma stereotactic radiosurgery units, emerging technologies (provide list of devices).

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience (continued)

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervising Individual Jason Dunavant, CHP	License/Permit Number listing supervising individual as a Radiation Safety Officer 53-00458-04
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400	<input type="checkbox"/> 35.500 <input type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy)
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input type="checkbox"/> 35.1000 (_____)

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	Jason Dunavant, CHP	July 96- Jun 2000
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Jason Dunavant, CHP	July 96- Jun 2000
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	-Jason Dunavant, CHP	July 96- Jun 2000
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):		

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience (continued)

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervising Individual William Johnson, PhD	License/Permit Number listing supervising individual as a Radiation Safety Officer 08-01738-01
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400	
<input type="checkbox"/> 35.500 <input type="checkbox"/> 35.600 (remote afterloader)	<input type="checkbox"/> 35.600 (teletherapy)
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input type="checkbox"/> 35.1000 (_____)

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	William Johnson, PhD David Burton	July 1994-July 1996
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	William Johnson, PhD David Burton	July 1994-July 1996
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	William Johnson, PhD David Burton	July 1994-July 1996
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):		

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

b. Supervised Radiation Safety Experience (continued)

(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Supervising Individual John Glenn	License/Permit Number listing supervising individual as a Radiation Safety Officer 08-30577-01
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400 <input type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy) <input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) <input checked="" type="checkbox"/> 35.1000 (_____)	

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.

Description of Training	Training Provided By	Dates of Training*
Radiation safety, regulatory issues, and emergency procedures for 35.100, 35.200, and 35.500 uses	John Glenn, PhD	Oct 05-Feb 07
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	John Glenn, PhD	Oct 05-Feb 07
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	John Glenn, PhD	Oct 05-Feb 07
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	John Glenn, PhD	Oct 05-Feb 07
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s): Sirpheres	John Glenn, PhD	Oct 05-Feb 07

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

3. Structured Educational Program for Proposed Radiation Safety Officer (continued)

- c. Training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license (continued)

<p>Supervising Individual <i>If training was provided by supervising RSO, AU, AMP, or ANP. (If more than one supervising individual is necessary to document supervised training, provide multiple copies of this page.)</i></p> <p>Jason Dunavant, CHP</p>	<p>License/Permit Number listing supervising individual</p> <p>NRC License 53-00458-04</p>
<p>License/Permit lists supervising individual as:</p> <p><input checked="" type="checkbox"/> Radiation Safety Officer <input type="checkbox"/> Authorized User <input type="checkbox"/> Authorized Nuclear Pharmacist</p> <p><input type="checkbox"/> Authorized Medical Physicist</p> <p>Authorized as RSO, AU, ANP, or AMP for the following medical uses:</p> <p><input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400</p> <p><input type="checkbox"/> 35.500 <input type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy)</p> <p><input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) <input type="checkbox"/> 35.1000 (_____)</p>	

- d. Skip to and complete Part II Preceptor Attestation.

OR

4. Authorized User, Authorized Medical Physicist, or Authorized Nuclear Pharmacist identified on the licensee's license

- a. Provide license number.
- b. Use the table in section 3.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- c. Skip to and complete Part II Preceptor Attestation.

PART II – PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

First Section

Check one of the following:

1. Board Certification

I attest that _____ has satisfactorily completed the requirements in

Name of Proposed Radiation Safety Officer

10 CFR 35.50(a)(1)(i) and (a)(1)(ii); or 35.50 (a)(2)(i) and (a)(2)(ii); or 35.50(c)(1).

OR

2. Structured Educational Program for Proposed Radiation Safety Officers

I attest that Jason Dunavant has satisfactorily completed a structural educational

Name of Proposed Radiation Safety Officer

program consisting of both 200 hours of classroom and laboratory training and one year of full-time radiation safety experience as required by 10 CFR 35.50(b)(1).

OR

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

AND

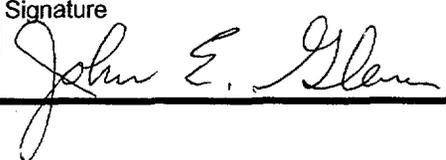
Third Section
Complete for ALL

I attest that Jason Dunavant has achieved a level of radiation safety knowledge
Name of Proposed Radiation Safety Officer
sufficient to function independently as a Radiation Safety Officer for a medical use licensee.

Fourth Section
Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Georgetown University Hospital
Name of Facility

License/Permit Number: 08-30577-01

Name of Preceptor	Signature	Telephone Number	Date
John Glenn, PhD		202-444-4049	2/20/07

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

AND

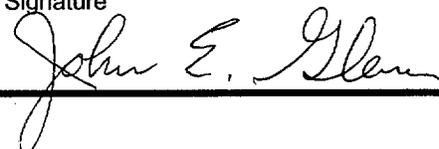
Third Section
Complete for ALL

I attest that Jason Dunavant has achieved a level of radiation safety knowledge
Name of Proposed Radiation Safety Officer
sufficient to function independently as a Radiation Safety Officer for a medical use licensee.

Fourth Section
Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Georgetown University Hospital
Name of Facility

License/Permit Number: 08-30577-01

Name of Preceptor	Signature	Telephone Number	Date
John Glenn, PhD		202-444-4049	2/20/07

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

2/20/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 08-30577-01 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 140145.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.