

RECEIVED  
REGION 1  
2011 APR -4 AM 9:22

Br L

April ~~1, 2011~~  
*11/11*

U.S. Nuclear Regulatory Commission  
Region 1  
475 Allendale Road  
King of Prussia, PA 19406-1415

Dear License Reviewer,

03038183

Please amend our Radioactive Materials License (#07-31394-~~08~~<sup>01</sup>), Heart and Vascular Clinic –  
620 Stanton Christiana Road, Suite 203, Newark, DE 19713 to reflect the following:

1. Request to change the Radiation Safety Officer to:  
Ashish Parikh, M.D. – see attached documentation

If you have any questions, please contact Adam M. Henry at 484.366.4054.

Sincerely,



Ashish Parikh, M.D.  
Owner

4-1-11

574834  
NMSS/RGN1 MATERIALS-002

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

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 3/31/2012

Name of Proposed Radiation Safety Officer

ASHISH PARIKH, MD

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	cedars sinai medical center - los angeles ca 90048 radiation safety academy, 438 frederick ave. gaithersburg,	100 40	1995 - 1996 Oct 2009
Radiation protection	cedars sinai medical center - los angeles ca 90048 radiation safety academy, 438 frederick ave. gaithersburg,	30 40	1995 - 1996 Oct 2009
Mathematics pertaining to the use and measurement of radioactivity	cedars sinai medical center - los angeles ca 90048 radiation safety academy, 438 frederick ave. gaithersburg.	20 40	1995 - 1996 Oct 2009
Radiation biology	cedars sinai medical center - los angeles ca 90048 radiation safety academy, 438 frederick ave. gaithersburg.	20 40	1995 - 1996 Oct 2009
Radiation dosimetry	radiation safety academy	40	Oct. 2009

**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	37-31076-01 dr. david grubbs - deleware cedars sinai medical center - los angeles ca	March 2010 - present 1995-1996
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	37-31076-01 dr. david grubbs - deleware cedars sinai medical center - los angeles ca	March 2010 - present 1995-1996
Securing and controlling byproduct material	37-31076-01 dr. david grubbs - deleware 07-31374-01 heart & vascular clinic - deleware cedars sinai medical center	March 2010 - present 1995-1996
Using administrative controls to avoid mistakes in administration of byproduct material	37-31076-01 dr. david grubbs - deleware 07-31374-01 heart & vascular clinic - deleware cedars sinai medical center	March 2010 - present 1995-1996
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	37-31076-01 dr. david grubbs - deleware 07-31374-01 heart & vascular clinic - deleware cedars sinai medical center	March 2010 - present 1995-1996
Using emergency procedures to control byproduct material	37-31076-01 dr. david grubbs - deleware 07-31374-01 heart & vascular clinic - deleware	March 2010 - present
Disposing of byproduct material	37-31076-01 dr. david grubbs - deleware	March 2010 - present
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ _____ _____ _____	37-31076-01 dr. david grubbs - deleware 07-31374-01 heart & vascular clinic - deleware	March 2010 - present

+ 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  <b>Dr. David Grubbs - Delaware</b>	License/Permit Number listing supervising individual as a Radiation Safety Officer  <b>37-31076-01</b>
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input type="checkbox"/> 35.300 <input 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	dr. david grubbs radiation safety academy	March, 2010 - present October, 2009
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	n/a	
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	n/a	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	n/a	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	n/a	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	n/a	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	n/a	

**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>Dr. David Grubbs</p>	<p>License/Permit Number listing supervising individual</p> <p>37-31076-01</p>
<p>License/Permit lists supervising individual as:</p> <p><input checked="" type="checkbox"/> Radiation Safety Officer    <input checked="" 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 type="checkbox"/> 35.300    <input 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 Ashish Parikh has satisfactorily completed the requirements in  
Name of Proposed Radiation Safety Officer MD

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 Ashish Parikh, MD 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)**

**Preceptor Attestation (continued)**

**First Section (continued)**

Check one of the following:

**3. Additional Authorization as Radiation Safety Officer**

I attest that Ashish Parikh is an  
Name of Proposed Radiation Safety Officer

- Authorized User  Authorized Nuclear Pharmacist
- Authorized Medical Physicist

identified on the Licensees license and has experience with the radiation safety aspects of similar type of use of byproduct material for which the individual has Radiation Safety Officer responsibilities

AND

**Second Section**

Complete for all (check all that apply):

I attest that Ashish Parikh, MD has training in the radiation safety, regulatory issues, and  
Name of Proposed Radiation Safety Officer

emergency procedures for the following types of use:

- 35.100
- 35.200
- 35.300 oral administration of less than or equal to 33 millicuries of sodium iodide I-131, for which a written directive is required
- 35.300 oral administration of greater than 33 millicuries of sodium iodide I-131
- 35.300 parenteral administration of any beta-emitter, or a photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required
- 35.300 parenteral administration of any other radionuclide for which a written directive is required
- 35.400
- 35.500
- 35.600 remote afterloader units
- 35.600 teletherapy units
- 35.600 gamma stereotactic radiosurgery units
- 35.1000 emerging technologies, including:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

AND

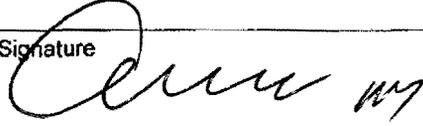
Third Section  
Complete for ALL

I attest that Ashish Parikh, MD 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 Heart and Vascular Clinic  
Name of Facility

License/Permit Number: 37-31076-01

Name of Preceptor	Signature	Telephone Number	Date
DAVID GEWISS		302 738-7303	3/31/11

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

4/1/2011, and to inform you that the initial processing which includes an administrative review has been performed.

Amend. 07-31344-01  
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** 574834.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.