



Branch 1

CARDIOLOGY ASSOCIATES, LLC

6 March 2014

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03020994

Mr. Robert Gallagher  
U.S. Nuclear Regulatory Commission  
Division of Nuclear Materials Safety  
Region I  
475 Allendale Road  
King of Prussia, PA 19408

RE: Cardiology Associates, LLC

License No: ~~08-2376-01~~

Docket No: 03020994

08-23376-01

Lw

Dear Mr. Gallagher:

Please amend the above mentioned license to name Reginald Lamar Robinson, M.D. as the Radiation Safety Officer, and once approved, delete Edward Morris, M.D. as the Radiation Safety Officer.

Documentation of Dr. Robinson's credentials and training are on file with this license and/or attached to this request.

Any questions regarding this request may be directed to the undersigned.

Sincerely,

Sharon Dean

Director of Operations

Cardiology Associates, L.L.C.

582797

NMSS/RGNI MATERIALS-002

NRC FORM 313A (RSO)  
(05-2012)

U.S. NUCLEAR REGULATORY COMMISSION

**RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION**  
**[10 CFR 35.50]**APPROVED BY OMB: NO. 3150-0120  
EXPIRES: (05/31/2015)

Name of Proposed Radiation Safety Officer

Reginald Lamar Robinson, M.D.

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	See License Number: 08-23376-01		
Radiation protection	See License Number: 08-23376-01		
Mathematics pertaining to the use and measurement of radioactivity	See License Number: 08-23376-01		
Radiation biology	See License Number: 08-23376-01		
Radiation dosimetry	See License Number: 08-23376-01		
<b>Total Hours of Training:</b> <input type="text"/>			

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**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	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Securing and controlling byproduct material	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037	09/01/2011 - 12/01/2013
Using administrative controls to avoid mistakes in administration of byproduct material	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Using emergency procedures to control byproduct material	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Disposing of byproduct material	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013
Licensed Material Used (e.g., 35.100, 35.200, etc.) <sup>+</sup>	Cardiology Associates, LLC 2131 K. Street, Suite 800 Washington, DC 20037 License Number: 08-23376-01	09/01/2011 - 12/01/2013

\* Choose all applicable sections of 10 CFR Part 35 to describe radiolotopes 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).

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**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	License/Permit Number listing supervising individual as a Radiation Safety Officer
Edward Morris, M.D.	08-23376-01
This license authorizes the following medical uses:	
<input 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 (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	Edward Morris, M.D. Cardiology Associates, LLC License No: 08-23376-01	09/01/2011 - 12/01/2013
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	NA	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	NA	

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**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)

Supervising Individual 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.)

Edward Morris, M.D.

License/Permit Number listing supervising individual

08-23376-01

License/Permit lists supervising individual as:

- ☒ Radiation Safety Officer    ☐ Authorized User    ☐ Authorized Nuclear Pharmacist  
☐ Authorized Medical Physicist

Authorized as RSO, AU, ANP, or AMP for the following medical uses:

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

- 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 \_\_\_\_\_ 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**

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**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 Reginald Lamar Robinson, M.D. 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 Reginald Lamar Robinson, M.D. 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:

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

AND

Third Section  
Complete for ALL

☒ I attest that Reginald Lamar Robinson, M.D. 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 signatureI am the Radiation Safety Officer for Cardiology Associates, LLC

Name of Facility

License/Permit Number: 08-23376-01

Name of Preceptor

Edward Ian Morris, M.D.

Signature

Edward Ian Morris MD

Telephone Number

Date

12/17/2013