



**APPENDIX 4
RADIATION SAFETY OFFICER**

**TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience[64E-5.648]**

Name of Proposed Radiation Safety Officer

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

- 64E-5.626
 64E-5.627
 64E-5.630
 64E-5.632
 64E-5.631
 64E-5.634(2)(remote afterloader)
 64E-5.634(3)(teletherapy)
 64E-5.634(1)(gamma stereotactic radiosurgery)
 64E-5.664(_____)

**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 <http://www.nrc.gov/materials/miau/med-use-toolkit/spec-board-cert.html>

- 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			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Chemistry of byproduct material for medical use			
Radiation biology			

Total Hours of Training:

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience[64E-5.648] 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		
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides		
Securing and controlling byproduct material		
Using administrative controls to avoid mistakes in administration of byproduct material		
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures		
Using emergency procedures to control byproduct material		
Disposing of byproduct material		
Licensed Material Used (e.g., 64E-5.626, 64E-5.627, etc.)+ _____ _____ _____		

+ Choose all applicable sections of 64E-5 Part 6 to describe radioisotopes and quantities used: 64E-5.626, 64E-5.627, 64E-5.630, 64E-5.631, 64E-5.632, and 64E-5.634 (provide list of devices).

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience[64E-5.648] 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
This license authorizes the following medical uses: <input type="checkbox"/> 64E-5.626 <input type="checkbox"/> 64E-5.627 <input type="checkbox"/> 64E-5.630 <input type="checkbox"/> 64E-5.632 <input type="checkbox"/> 64E-5.631 <input type="checkbox"/> 64E-5.634(2)(remote afterloader) <input type="checkbox"/> 64E-5.634(3)(teletherapy) <input type="checkbox"/> 64E-5.634(1)(gamma stereotactic radiosurgery) <input type="checkbox"/> 64E-5.664(_____)	

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 64E-5.626, 64E-5.627, and 64E-5.631 uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.630 uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.632 uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.634(3) - teletherapy uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.634(2) - remote afterloader uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.634(1) - gamma stereotactic radiosurgery uses		
Radiation safety, regulatory issues, and emergency procedures for 64E-5.664, specify use(s):		

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience[64E-5.648] 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 <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>	License/Permit Number listing supervising individual
License/Permit lists supervising individual as: <input type="checkbox"/> Radiation Safety Officer <input type="checkbox"/> Authorized User <input type="checkbox"/> Authorized Nuclear Pharmacist <input type="checkbox"/> Authorized Medical Physicist	
Authorized as RSO, AU, ANP, or AMP for the following medical uses: <input type="checkbox"/> 64E-5.626 <input type="checkbox"/> 64E-5.627 <input type="checkbox"/> 64E-5.630 <input type="checkbox"/> 64E-5.632 <input type="checkbox"/> 64E-5.631 <input type="checkbox"/> 64E-5.634(2) (remote afterloader) <input type="checkbox"/> 64E-5.634(3) (teletherapy) <input type="checkbox"/> 64E-5.634(1) (gamma stereotactic radiosurgery) <input type="checkbox"/> 64E-5.664 (_____)	

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
 64E-5.648(1)(a)(1) and (1)(a)(2); or 64E-5.648(1)(b)(1) and (1)(b)(2); or 64E-5.648(2)(b).

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 64E-5.648(2)(a).

OR

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience[64E-5.648] continued

Preceptor Attestation (continued)

First Section (continued)

Check one of the following:

3. Additional Authorization as Radiation Safety Officer

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

emergency procedures for the following types of use:

64E-5.626

64E-5.627

64E-5.630(2) oral administration of less than or equal to 33 millicuries of sodium iodide I-131, for which a written directive is required

64E-5.630(3) oral administration of greater than 33 millicuries of sodium iodide I-131

64E-5.630(4) 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

64E-5.630(4) parenteral administration of any other radionuclide for which a written directive is required

64E-5.631

64E-5.632

64E-5.634(2) remote afterloader units

64E-5.634(3) teletherapy units

64E-5.634(1) gamma stereotactic radiosurgery units

64E-5.664 emerging technologies, including:

RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION
Training and Experience [64E-5.648] continued

AND

Third Section
Complete for ALL

I attest that _____ 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 _____
Name of Facility

License/Permit Number: _____

Name of Preceptor	Signature	Telephone Number	Date
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