



**RADIATION SAFETY OFFICER OR
ASSOCIATE RADIATION SAFETY OFFICER
TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION
[10 CFR 35.57, 35.50]**

Name of Individual

☒ RSO☐ ARSO

Brian S. Kurko, MS, CMD

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 five 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. If the board certification process has been recognized by the Commission or an Agreement State under 10 CFR 35.50;
 - (i) Go to the table in 5c and describe training provider and dates of training for each type of use for which authorization is sought.
 - (ii) Stop here
- c. If the board certification was issued on or before October 24, 2005 and is listed in 10 CFR 35.57 (a)(2);
 - (i) Provide documentation demonstrating that the individual was using the requested materials and uses on or before October 24, 2005;
 - (ii) Stop here

OR

☒ **2. Current Radiation Safety Officer (RSO) or Associate Radiation Safety Officer (ARSO) Seeking Authorization to Be Recognized as a RSO or ARSO for the Additional Medical Uses Checked Above**

- a. Use the table in section 5.c. to describe training in radiation safety, regulatory issues, and emergency procedures for the additional types of medical use for which recognition as RSO or ARSO is sought.
- b. If board certified, provide a copy of the certificate and stop here. If not board certified, skip to and complete Part II Preceptor Attestation.

OR

☐ **3. Authorized User (AU), Authorized Medical Physicist (AMP), or Authorized Nuclear Pharmacist (ANP) identified on a license or permit in accordance with 10 CFR 35.50 (c)(2)**

- a. Provide license number.
- b. Use the table in section 5.c. to describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license.
- c. If board certified, provide a copy of the certificate and stop here. If not board certified, skip to and complete Part II Preceptor Attestation.

OR

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TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.57, 35.50] (continued)**

☐ **4. Individuals applying simultaneously to be the RSO and AU on a new license**

- ☐ a. Documentation of training and experience to be a new AU is attached
- ☐ b. The new license application is attached.
- c. Stop here.

OR

☐ **5. Structured Educational Program for Proposed RSO or ARSO**

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			
Radiation biology			
Radiation dosimetry			
Total Hours of Training: <input type="text"/>			

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TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.57, 35.50] (continued)**

5. Structured Educational Program for Proposed RSO or ARSO (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., 35.100, 35.200, etc.)+ <div style="border: 1px solid black; height: 50px; width: 300px; margin-top: 5px;"></div>		

+ 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 OR
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TRAINING, EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.57, 35.50] (continued)**

5. Structured Educational Program for Proposed RSO or ARSO (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 Wayne M. Butler, PhD	License/Permit Number listing supervising individual as a Radiation Safety Officer or Associate Radiation Safety Officer 47-05322-02
The supervising individual is authorized as the for the following medical uses:	
<div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) </div> <div> <input checked="" type="checkbox"/> 35.400 <input type="checkbox"/> 35.600 (teletherapy) <input type="checkbox"/> 35.1000 (_____) </div> </div>	

c. Describe training in radiation safety, regulatory issues, and emergency procedures for all types of medical use on the license for the RSO or types of use for which the ARSO will be listed 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		
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses		
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses		
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):		

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5. Structured Educational Program for Proposed RSO or ARSO (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, ARSO, 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>Wayne M. Butler, PhD</p>	<p>License/Permit Number listing supervising individual</p> <p>47-05322-02</p>
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License/Permit lists supervising individual as:

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

Authorized as RSO, ARSO, 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.

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

Structured Educational Program for Proposed RSO or ARSO

☒ I attest that Brian S. Kurko, MS, CMD has satisfactorily completed
Name of Proposed RSO/ARSO
 a structural educational 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).

AND

Second Section

☒ I attest that Brian S. Kurko, MS, CMD has training in
Name of Proposed RSO/ARSO
 radiation safety, regulatory issues, and emergency procedures for the following types of use:

Check all that apply:

- ☒ 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 radioactive drug that contains a radionuclide that is primarily used for its electron emission, beta radiation characteristics, alpha radiation characteristics, or photon energy of less than 150 keV, for which a written directive is required

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PART II – PRECEPTOR ATTESTATION (continued)

Check all *that apply*:

- ☒ 35.400
☐ 35.500
☒ 35.600 remote afterloader units
☐ 35.600 teletherapy units
☐ 35.600 gamma stereotactic radiosurgery units
☐ 35.1000 emerging technologies, including:

Third Section

AND

☒ I attest that

Brian S. Kurko, MS, CMD

Name of Proposed Radiation Safety Officer or Associate Radiation Safety Officer

is able to independently fulfill the radiation safety-related duties as:

☒ A Radiation Safety Officer for a medical use licensee.

OR

☐ An Associate 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

☐ I am the Associate Radiation Safety Officer for

Name of Facility: Wheeling Hospital, Wheeling, WV

License/Permit Number: 47-05322-02

Name of Preceptor (Typed or printed)

Wayne M. Butler, PhD

Telephone Number

(304) 243-3983

Date

9 Jul 2020

Signature

Wayne Butler

Radiation Safety Officer

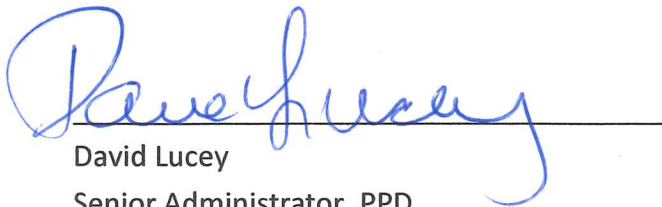
Delegation of Authority, Duties, and Responsibilities

13 July 2020

Wheeling Hospital, in order to ensure that radiation safety activities are being performed in accordance with procedures and regulatory requirements approved in our United States Nuclear Regulatory Commission (US NRC) license, shall provide the Radiation Safety Officer sufficient authority, organizational freedom, time, resources, and management prerogative, to accomplish the following duties:

- Identify radiation safety problems
- Initiate, recommend, or provide corrective actions
- Verify implementation of corrective actions
- Stop unsafe operations
- Ensure compliance with regulations

You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet established requirements and shutting down operations when necessary to maintain radiation safety. You are required to notify management if staff does not cooperate or does not address radiation safety issues. In addition, you are free to raise issues with the US NRC at any time.



David Lucey
Senior Administrator, PPD

13 Jul 2020

Date

By signing below, the Radiation Safety Officer accepts responsibility for implementing the radiation protection program and the duties enumerated above.



Brian S. Kurko, MS, CMD
Radiation Safety Officer

13 Jul 2020

Date

Wheeling Hospital Radiation Safety Officer

Summary of Duties

The following duties are described in greater detail in the report of AAPM Task Group 160 which describes the role of the Radiation Safety Officer.

1. Action or trigger Levels – overseeing ALARA action and trigger levels
2. ALARA – developing and enforcing an ALARA program
3. Audits/reports/reviews – auditing or reviewing audits of various aspects of the program
4. Contamination/spill response – establishing contamination/spill response procedures and following up on spills
5. Facility designation, design, and shielding
6. Instruction of workers – ensuring appropriate instructions to workers
7. License – maintaining license and procedures
8. Machine registration/calibration/performance evaluation
9. Medical events – managing medical events
10. Ordering/receiving/transporting packages containing radioactive material
11. Patient protection – establishing and enforcing patient protection requirements
12. Patient release from regulatory control (outpatient)
13. Personnel monitoring – establishing and managing personnel monitoring
14. Post/reference documents and notices – posting or referencing regulatory documents
15. Posting and labeling – signage, labeling, and required emergency procedure posting
16. Pregnant workers – managing fetal exposures
17. Radiation accidents
18. Radiation safety committee – serving on radiation safety committee
19. Radiopharmaceutical therapies (inpatient) – assuring adequate radiation safety for radiopharmaceutical therapies
20. Records – overseeing record maintenance
21. Sealed-source leak test and inventory – assuring testing is performed
22. Security – assuring security of radioactive materials
23. Surveys and survey instruments – overseeing surveys and calibration instrument maintenance
24. Waste disposal – managing disposal of radioactive waste