

From: [Gallagher, Robert](#)
To: douglas.d.barrickman.mil@mail.mil
Subject: Preceptor Form [NRC FORM 313A (RSO)]
Date: Wednesday, July 22, 2015 10:38:00 AM
Attachments: [image001.png](#)

39-14873-01
030-08195

Good Morning Major Barrickman,

I am the technical reviewer for the request by Moncrief Army Community Hospital to change the RSO from Captain Costeira to Captain Ashutosh Singh. After reviewing the copy of the preceptor form you signed I noticed that the incorrect license number has been put in several locations on the submitted form. Would you please resend me a corrected copy of the preceptor form? On page 3, in Section 3, the correct license number was used (10-12044-03) while on pages 4 and 6 license number 10-12044-13 is used. I have the license ready for signature so if you can send me a pdf of the corrected form I can get it ready to be mailed today.

Thanks very much for your help with this.

Please feel free to call or email me if you have any questions.

Robert L. Gallagher
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REC'D IN LAT 07/28/2015

588157
NMSS/RGNI MATERIALS-002

**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

Ashutosh Singh

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 attached sheet for detailed information		See attached sheet
Radiation protection	See attached sheet for detailed information		See attached sheet
Mathematics pertaining to the use and measurement of radioactivity	See attached sheet for detailed information		See attached sheet
Radiation biology	See attached sheet for detailed information		See attached sheet
Radiation dosimetry	See attached sheet for detailed information		See attached sheet

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	See attached sheet for detailed information	See attached sheet for detailed information
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	See attached sheet for detailed information	See attached sheet for detailed information
Securing and controlling byproduct material	See attached sheet for detailed information	See attached sheet
Using administrative controls to avoid mistakes in administration of byproduct material	See attached sheet for detailed information	See attached sheet for detailed information
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	See attached sheet for detailed information	See attached sheet for detailed information
Using emergency procedures to control byproduct material	See attached sheet for detailed information	See attached sheet for detailed information
Disposing of byproduct material	See attached sheet for detailed information	See attached sheet for detailed information
Licensed Material Used (e.g., 35.100, 35.200, etc.)+	See attached sheet for detailed information	See attached sheet for detailed information
See attached sheet for detailed information		

+ 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).

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

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

License/Permit Number listing supervising individual as a
Radiation Safety Officer

USNRC License 10-12044-03

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

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	Douglas D. Barrickman, Radiation Safety Officer	20 June 2013 to 20 March 2015
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	Douglas D. Barrickman, Radiation Safety Officer	20 June 2013 to 20 March 2015
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	Not applicable to identified license scope	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	Not applicable to identified license scope	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	Not applicable to identified license scope	
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	Not applicable to identified license scope	
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	Not applicable to identified license scope	

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.)* License/Permit Number listing supervising individual

Douglas D. Barrickman

USNRC License 10-12044-03

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 Ashutosh Singh 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 _____ 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 Ashutosh Singh _____ 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 Ashutosh Singh 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.

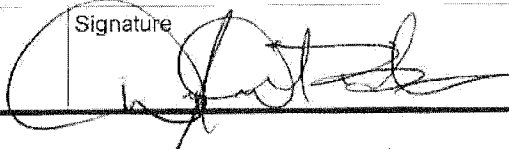
Fourth Section
Complete the following for Preceptor Attestation and signature

I am the Radiation Safety Officer for Dept of the Army, Dwight D. Eisenhower Army Medical Center
Name of Facility

License/Permit Number: USNRC License 10-12044-03

Name of Preceptor
Douglas D. Barrickman

Signature



Telephone Number

(706) 787-4692

Date

07/27/2015