

**Junod, Rebecca**

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**From:** Tripp, Lester  
**Sent:** Tuesday, November 08, 2016 1:14 PM  
**To:** R1LAT RESOURCE  
**Subject:** FW: Date clarification for Jansen L. Swanson's NRC 313A (RSO) form (UNCLASSIFIED)  
**Attachments:** Swanson NRC 313 - Dec 2015.pdf  
**Signed By:** lester.tripp@nrc.gov

Forward letter and attachment into ADAMS as PUBLIC, NON-SENSITIVE

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License No.: 16-30845-01  
Docket No.: 03036430  
Control No.: 591756

Thanks

-----Original Message-----

From: Moran, Kenneth J CPT USARMY MEDCOM BACH (US)  
[mailto:kenneth.j.moran.mil@mail.mil]  
Sent: Wednesday, October 26, 2016 4:51 PM  
To: Tripp, Lester <Lester.Tripp@nrc.gov>  
Subject: [External\_Sender] Date clarification for Jansen L. Swanson's NRC 313A (RSO) form (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Mr. Tripp,  
In response to our earlier phone call the dates listed on the NRC 313A form for 1LT Swanson do indeed represent the month and year of when the training occurred.

So training listed as occurring from Nov 14 - Dec 15 is meant to mean from November 2014 through December 2015.

Hope this helps, please let me know if I can assist with anything else.

v/r  
CPT Moran

CPT Kenneth J. Moran, MS  
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591756

Classification: UNCLASSIFIED  
Caveats: NONE

Name of Proposed Radiation Safety Officer  
 Jasen L. Swanson

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 (Y-90 Microspheres / I-125 RSL)

**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	Idaho State University, Pocatello, ID	20	Jan 13 - May 14
	Environmental Assessment Lab, ISU, Pocatello, ID	20	Jan 13 - Sep 14
Radiation protection	Idaho State University, Pocatello, ID	20	Jan 13 - Aug 14
	Environmental Assessment Lab, ISU, Pocatello, ID	20	Jan 13 - Sep
Mathematics pertaining to the use and measurement of radioactivity	Idaho State University, Pocatello, ID	20	Jan 13 - Aug 14
	Environmental Assessment Lab, ISU, Pocatello, ID	20	Jan 13 - Sep 14
Radiation biology	Idaho State University, Pocatello, ID	40	Jan 13 - Aug 14
Radiation dosimetry	Idaho State University, Pocatello, ID	20	Jan 13 - Aug 14
	Environmental Assessment Lab, ISU, Pocatello, ID	21	Jan 13 - Sep 14

Total Hours of Training: 201

**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	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and instruments used to measure radionuclides	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Securing and controlling byproduct material	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Using administrative controls to avoid mistakes in administration of byproduct material	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Using emergency procedures to control byproduct material	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01 Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Disposing of byproduct material	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15
Licensed Material Used (e.g., 35.100, 35.200, etc.)+ 35.100, 35.200, 35.300, 35.400, 35.500, 35.600, 35.1000 (Y-90 Microsphere / I-125 RSL)	Brooke Army Medical Center (BAMC), JBSA, TX License # 42-01368-01	Nov 14 - Dec 15

\* 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  David W. Byrd	License/Permit Number listing supervising individual as a Radiation Safety Officer  NRC License #42-01368-01
This license authorizes the following medical uses:	
<input checked="" type="checkbox"/> 35.100 <input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400	<input type="checkbox"/> 35.600 (teletherapy)
<input checked="" type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader)	<input checked="" type="checkbox"/> 35.1000 ( Y-90 Microsphere/1-125 RSL )
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	

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	David W. Byrd, Radiation Safety Officer, BAMC	Nov 14 - Dec 15
Radiation safety, regulatory issues, and emergency procedures for 35.300 uses	David W. Byrd, Radiation Safety Officer, BAMC	Nov 14 - Dec 15
Radiation safety, regulatory issues, and emergency procedures for 35.400 uses	David W. Byrd, Radiation Safety Officer, BAMC	Nov 14 - Dec 15
Radiation safety, regulatory issues, and emergency procedures for 35.600 - teletherapy uses	N/A	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.600 - remote afterloader uses	David W. Byrd, Radiation Safety Officer, BAMC	Nov 14 - Dec 15
Radiation safety, regulatory issues, and emergency procedures for 35.600 - gamma stereotactic radiosurgery uses	N/A	N/A
Radiation safety, regulatory issues, and emergency procedures for 35.1000, specify use(s):	David W. Byrd, Radiation Safety Officer, BAMC	Nov 14 - Dec 15

**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 <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>  David W. Byrd	License/Permit Number listing supervising individual  NRC License # 42-01368-01
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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 (Y-90; I-125 RSL )

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 Jasen L. Swanson 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 Licensee's 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 Jasen L. Swanson 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: -

Y-90 Microsphere Brachytherapy

I-125 RSL

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

**AND**

**Third Section  
Complete for ALL**

I attest that Jasen L. Swanson 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 Brooke Army Medical Center  
Name of Facility  
License/Permit Number: 42-01368-01

Name of Preceptor	Signature	Telephone Number	Date
David W. Byrd		210.916.7625	18 Dec 2015