

Junod, Rebecca

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

Licensee: Department of the Army
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
Chief Health Physics, Radiation Safety Officer
Blanchfield Army Community Hospital
Bldg 2516, Fort Campbell, KY 42223

W: (270) 956-0125
DSN: 363-0125
C: (808) 221-6720
kenneth.j.moran.mil@mail.mil

Classification: UNCLASSIFIED
Caveats: NONE

NRC FORM 313A (RSO) (10-2015)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0120 (EXPIRES: 12/31/2015)																																									
		RADIATION SAFETY OFFICER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION [10 CFR 35.50]																																											
Name of Proposed Radiation Safety Officer Jasen L. Swanson																																													
Requested Authorization(s) <i>The license authorizes the following medical uses (check all that apply):</i>																																													
<div><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 checked="" type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader)</div> <div><input type="checkbox"/> 35.600 (teletherapy) <input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) <input checked="" type="checkbox"/> 35.1000 (^{Y-90} Microspheres ^{I-125} RSL)</div>																																													
PART I -- TRAINING AND EXPERIENCE <i>(Select one of the four methods below)</i>																																													
*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.																																													
<input type="checkbox"/> 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																																													
<input type="checkbox"/> 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																																													
<input checked="" type="checkbox"/> 3. Structured Educational Program for Proposed Radiation Safety Officer																																													
a. Classroom and Laboratory Training																																													
<table><tr><th>Description of Training</th><th>Location of Training</th><th>Clock Hours</th><th>Dates of Training*</th></tr><tr><td rowspan="2">Radiation physics and instrumentation</td><td>Idaho State University, Pocatello, ID</td><td>20</td><td>Jan 13 - May 14</td></tr><tr><td>Environmental Assessment Lab, ISU, Pocatello, ID</td><td>20</td><td>Jan 13 - Sep 14</td></tr><tr><td rowspan="2">Radiation protection</td><td>Idaho State University, Pocatello, ID</td><td>20</td><td>Jan 13 - Aug 14</td></tr><tr><td>Environmental Assessment Lab, ISU, Pocatello, ID</td><td>20</td><td>Jan 13 - Sep 14</td></tr><tr><td rowspan="2">Mathematics pertaining to the use and measurement of radioactivity</td><td>Idaho State University, Pocatello, ID</td><td>20</td><td>Jan 13 - Aug 14</td></tr><tr><td>Environmental Assessment Lab, ISU, Pocatello, ID</td><td>20</td><td>Jan 13 - Sep 14</td></tr><tr><td>Radiation biology</td><td>Idaho State University, Pocatello, ID</td><td>40</td><td>Jan 13 - Aug 14</td></tr><tr><td rowspan="2">Radiation dosimetry</td><td>Idaho State University, Pocatello, ID</td><td>20</td><td>Jan 13 - Aug 14</td></tr><tr><td>Environmental Assessment Lab, ISU, Pocatello, ID</td><td>21</td><td>Jan 13 - Sep 14</td></tr><tr><td colspan="2">Total Hours of Training:</td><td>201</td><td></td></tr></table>						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 14	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	
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 14																																										
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																																											

NRC FORM 313A (RSO)
(10-2015)

U.S. NUCLEAR REGULATORY COMMISSION

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 # 42-01368-01Brooke 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.)+ <div>35.100, 35.200, 35.300, 35.400, 35.500, 35.600, 35.1000 (Y-90 Microsphere / I-125 RSL)</div>	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).

NRC FORM 313A (RSO) (10-2015)		U.S. NUCLEAR REGULATORY COMMISSION	
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	
David W. Byrd		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 checked="" type="checkbox"/> 35.500 <input checked="" type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy)			
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery) <input checked="" type="checkbox"/> 35.1000 (Y-90 Microsphere/I-125 RSL)			
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

NRC FORM 313A (RSO) (10-2015)

PAGE 3

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>	License/Permit Number listing supervising individual
David W. Byrd	NRC License # 42-01368-01
License/Permit lists supervising individual as:	
<input checked="" 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 checked="" type="checkbox"/> 35.100	<input checked="" type="checkbox"/> 35.200 <input checked="" type="checkbox"/> 35.300 <input checked="" type="checkbox"/> 35.400
<input checked="" type="checkbox"/> 35.500	<input checked="" type="checkbox"/> 35.600 (remote afterloader) <input type="checkbox"/> 35.600 (teletherapy)
<input type="checkbox"/> 35.600 (gamma stereotactic radiosurgery)	<input checked="" type="checkbox"/> 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 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 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 David W. Byrd	Signature 	Telephone Number 210.916.7625	Date 18 Dec 2015
------------------------------------	---	----------------------------------	---------------------