



Radiopharmacy, Inc.

1409 East Virginia Street, Suite A
Evansville, IN 47711
(812) 421-1002

Thursday, December 16, 2010

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
801 Warrenville Road
Lisle, IL 60532
Control #: 574028

To whom it may concern:

I am writing to request an amendment to radioactive material license number 13-26246-01MD issued to Radiopharmacy, Inc. of Evansville, IN. I request that this amendment be expedited because of a current staff shortage. Your help speeding things along would be greatly appreciated.

I request that the following person be listed on the license to use or supervise the use of licensed material as an authorized nuclear pharmacist:

John Vardsveen-Training and experience documentation enclosed

John Vardsveen graduated from St. Louis College of Pharmacy in May 2010, and has worked full time at Radiopharmacy, Inc. in Evansville, IN since July 12, 2010. As of December 1st, he has accumulated 800 hours of his total experience working with licensed material under my supervision. This serves as written certification that he has satisfactorily completed training required in **10 CFR, 35.55**:

- (1) Has completed greater than 700 hours in a structured educational program consisting of both-
 - (i) Didactic training **via an online course** through the Nuclear Education Online Nuclear Pharmacist Authorized User Course (<http://www.nuclearonline.org>) in the following areas:
 - (A) Radiation physics and instrumentation;
 - (B) Radiation protection;
 - (C) Math and measure of radioactivity;
 - (D) Radiopharmaceutical Chemistry; and
 - (E) Radiation biology; and
 - (ii) Supervised experience in a nuclear pharmacy involving the following-
 - (A) Shipping, receiving, and performing related radiation surveys;

- (B) Using and performing checks for proper operation of dose calibrators, survey meters, and other instruments used to measure photon-and high energy beta-emitting radionuclides
- (C) Using and performing checks for proper operation of instruments used to measure alpha-and low energy beta-emitting radionuclides
- (D) Calculating, assaying, and safely preparing dosages for patients or human research subjects;
- (E) Using administrative controls to avoid mistakes in the administration of byproduct material;
- (F) Using procedures to prevent or minimize contamination and using proper decontamination procedures; and

(2) Has achieved a level of competency sufficient to independently operate a nuclear pharmacy.

If you have any questions or require additional information , please call me at the above phone number. Thank you in advance for your help.

Sincerely,



Timothy M. Quinton, Pharm.D., M.S., B.C.N.P.
President
RSO

NRC FORM 313A (ANP)
(3-2009)

U.S. NUCLEAR REGULATORY COMMISSION

**AUTHORIZED NUCLEAR PHARMACIST TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION (continued)**

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:

Board Certification

I attest that _____ has satisfactorily completed the requirements in

Name of Proposed Authorized Nuclear Pharmacist

10 CFR 35.55(a)(1), (a)(2), and (a)(3) and has achieved a level of competency sufficient to function independently as an authorized nuclear pharmacist.

OR

Structured Educational Program

I attest that John Vardaveen has satisfactorily completed a 700-hour structured

Name of Proposed Authorized Nuclear Pharmacist

educational program consisting of both 200 hours of classroom and laboratory training, and practical experience in nuclear pharmacy, as required by 10 CFR 35.55(b)(1) and has achieved a level of competency sufficient to function independently as an authorized nuclear pharmacist.

Second Section

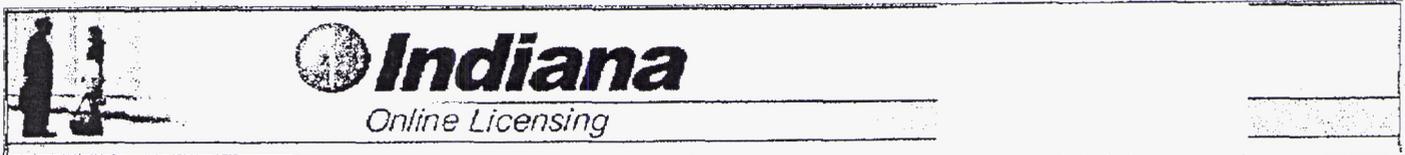
Complete the following for preceptor attestation and signature:

I am an Authorized Nuclear Pharmacist for

Radiopharmacy, Inc.
Nuclear Pharmacy or Medical Facility

13-26246-01MD
License/Permit Number

Name of Preceptor	Signature	Telephone Number	Date
<u>Timothy M. Quinter</u>	<u>[Signature]</u>	<u>812-421-1002</u>	<u>12/3/10</u>



Search Results

Search Results are limited to 500 records. If the license you are searching for is not in the list, try searching by license number or repeating your search with more criteria.

For a more detailed view of a licensee's background, select the licensee name from the alphabetical list below. Click the numbers below the grid to see additional pages of licensees. To return to the Search page, use the Search Again button below. (Do not use the browser Back key.)

Search Again

Sort Name	License Number	Profession	License Type	License Status	City	State
<u>Verdsveen, John H.</u>	26023928A	Pharmacy Board	Pharmacist	Active	Evansville	IN
1						

Figure G-2

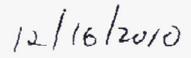
Authorized User and Radiation Safety Officer

Experience in Handling Radioisotopes

(Actual use of radioisotopes under the supervision of an authorized user or Radiation Safety Officer, respectively)

Name (Last, First, Initial) **Vardsveen, John**

Isotope(s)	Maximum amount used at any one time	Location of use	Purpose of use*	Total Hours of Experience
Tc-99m	10 Ci	Radiopharmacy, Inc.	1,2,4,5,6	800 hours - 7/12/10 to 12/01/10
Tl-201	120 mCi	1409 E. Virginia St.	1,2,4,5,6	
Ga-67	15 mCi	Evansville, IN 47711	1,2,4,5,6	
Mo-99	15 Ci	for all experience noted	1,2,4,5,6	
Xe-133	250 mCi		1,2,4,5,6	
I-123	4 mCi		1,2,4,5,6	
I-131	1 Ci		1,2,4,5,6	
In-111	6 mCi		1,2,4,5,6	
Cs-137	0.2 mCi		1,2,4,5,6	
Co-57	15 mCi		1,2,4,5,6	
Cr-51	0.25 mCi		1,2,4,5,6	
Sr-89	4 mCi	1,2,4,5,6		
Sm-153	150 mCi	1,2,4,5,6		
I-125	100 mCi	1,2,4,5,6		
Pd-103	150 mCi	1,2,4,5,6		

Signature of Preceptor Authorized Nuclear Pharmacist: "I certify that the above described training/experience has been satisfactorily completed and that the individual has achieved a level of competency sufficient to independently operate a nuclear pharmacy."	Jason J. Wilson 	Date: 12/16/2010 
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***Purpose of use**

1. Shipping, receiving, and performing related radiation surveys
2. Using and performing checks for proper operation of dose calibrators, survey meters, and other instruments used to measure photon-and high energy beta-emitting radionuclides
3. Using and performing checks for proper operation of instruments used to measure alpha-and low energy beta-emitting radionuclides
4. Calculating, assaying, and safely preparing dosages for patients or human research subjects
5. Use of administrative controls to avoid mistakes in the administration of byproduct material
6. Use of procedures to prevent or minimize contamination and/or use of proper decontamination procedures

University of Arkansas for Medical Sciences
and
The University of New Mexico Health Sciences Center

Nuclear Pharmacist Education

John Vardsveen

Didactic Courses	Nuclear Physics	Instrumentation	Radiochemistry	Radiation Safety	Radiation Biology	Radiopharmacology	Total
Radiation Physics & Instrumentation	60	40					100
Radiation Protection				30			30
Math & Measure of Radioactivity	10	5		5			20
Radiation Biology					20		20
Radiopharmaceutical Chemistry			30				30
Clinical Radiopharmacy						50	50
TOTALS	70	45		35	20	50	250

Course dates: August 1 – November 1, 2010

Nicki Hilliard

Nicki L. Hilliard, Pharm.D., BCNP
Associate Professor of Nuclear Pharmacy

[Signature]

Jeffrey Norenberg, Pharm.D., M.S., BCNP
Associate Professor of Nuclear Pharmacy

Revised April 2006

St. Louis College of Pharmacy

*By authority of the Board of Trustees
and upon recommendation of the Faculty has conferred upon*

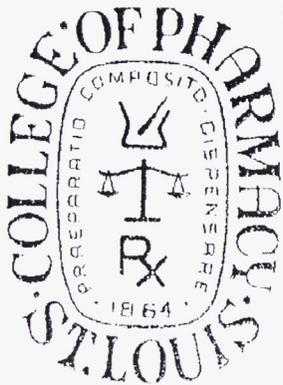
John Harold Wardsveen

the degree of

Doctor of Pharmacy

*in recognition of the satisfactory fulfillment of all of the requirements leading
to this degree*

*Presented in the City of St. Louis, in the State of Missouri,
this fifteenth day of May, two thousand and ten.*



Butch Kimer

Chairman of the Board of Trustees

Thomas F. K...

President of the College

St. K. Bell

Secretary of the Board of Trustees

Wardman

Dean of the College

Radiopharmacy, Inc.
Pharmaceutical, Supplies and Equipment for Nuclear Medicine

Radiopharmacy, Inc

1409 E. Virginia
Evansville, IN 47711
812-421-1002

Fax Cover Sheet

To: Nuclear Regulatory Commission, Toye Simmons Fax Number: 1-630-515-1078

From: Jason Wilson

Date: 12/16/2010

Pages(including cover sheet): 7 8

RE: Control #: 574028

Comments:

Ms. Simmons,

In an attempt to make things easier on you, I have included the original fax in its entirety with the corrections/additions you requested. Please feel free to contact me at (800) 755-5889 with any additional questions. Thank you for your assistance.

**Jason Wilson, RPh., BCNP
Radiopharmacy, Inc.
License #: 13-26246-01MD
1409 Virginia St.
Evansville, IN 47711**

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