

N 11382

August 23, 2007

45-31125-02MD

License No. ~~45-31125-01~~

2144

03037208

Elizabeth Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
Mail Control No. 138305  
United States Nuclear Regulatory Commission, Region 1  
475 Allendale Road  
King of Prussia, Pennsylvania 19406-1415

Subject: AMENDMENT TO RADIOLOGY SERVICES OF NORTHERN VIRGINIA  
LICENSE (RSNOVA)

Dear Ms. Ullrich:

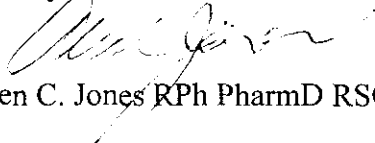
1. I would like to amend our license under "CONDITIONS" section 11 B to add the following name as a authorized user; Milton Ballard, I have enclosed documents of training under an approved Authorized User program through The University of Arkansas for Medical Sciences and the University of New Mexico Health Science Center. Also Milton Ballard's license number with the Virginia Board of Pharmacy is as follows: 0202208041.

Your help in expediting this amendment of license No. <sup>45-31125-02MD</sup>~~45-31125-01~~ for RSNOVA would be greatly appreciated.

2144

Any questions or concerns feel free to call Allen C. Jones at (703) 796-1188.

Thank you



Allen C. Jones RPh PharmD RSO RSNOVA

2007 AUG 24 AM 10:06

RECEIVED  
REGION 1

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**AUTHORIZED NUCLEAR PHARMACIST TRAINING AND  
EXPERIENCE AND PRECEPTOR ATTESTATION  
[10 CFR 35.55]**

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 10/31/2008

Name of Proposed Authorized Nuclear Pharmacist

State or Territory Where Licensed

Milton Ballard

Virginia Pharmacist License #0202208041

**PART I – TRAINING AND EXPERIENCE**  
*(Select one of the two 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 nuclear pharmacy uses.

**1. Board Certification**

- a. Provide a copy of the board certification.
- b. Skip to and complete Part II Preceptor Attestation.

**2. Structured Educational Program for Proposed Authorized Nuclear Pharmacist**

- a. Classroom and Laboratory Training.

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	University of Arkansas for Medical Sciences and The University of New Mexico Health Sciences Center	100	September 23, 2006 thru February 10, 2007
Radiation protection	University of Arkansas for Medical Sciences and The University of New Mexico Health Sciences Center	30	September 23, 2006 thru February 10, 2007
Mathematics pertaining to the use and measurement of radioactivity	University of Arkansas for Medical Sciences and The University of New Mexico Health Sciences Center	20	September 23, 2006 thru February 10, 2007
Chemistry of byproduct material for medical use	University of Arkansas for Medical Sciences and The University of New Mexico Health Sciences Center	30	September 23, 2006 thru February 10, 2007
Radiation biology	University of Arkansas for Medical Sciences and The University of New Mexico Health Sciences Center	20	September 23, 2006 thru February 10, 2007
	Clinical Radiopharm	50	Same Tim

**Total Hours of Training: 250 Hours**

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

**2. Structured Educational Program for Proposed Authorized Nuclear Pharmacist (continued)**

b. Supervised Practical Experience in a Nuclear Pharmacy.

Description of Experience	Location of Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*
Shipping, receiving, and performing related radiation surveys	Radiology Services of Northern Virginia 13870 Park Center Dr. Herndon, Va. 20171  License # 45-31125-02MD	104 Hours	August 7th 2006 thru August 24th 2007
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and, if appropriate, instruments used to measure alpha- or beta-emitting radionuclides	Radiology Services of Northern Virginia 13870 Park Center Dr. Herndon, Va. 20171  License # 45-31125-02MD	160 Hours	August 7th 2006 thru August 24th 2007
Calculating, assaying, and safely preparing dosages for patients or human research subjects	Radiology Services of Northern Virginia 13870 Park Center Dr. Herndon, Va. 20171  License # 45-31125-02MD	200 Hours	August 7th 2006 thru August 24th 2007
Using administrative controls to avoid medical events in administration of byproduct material	Radiology Services of Northern Virginia 13870 Park Center Dr. Herndon, Va. 20171  License # 45-31125-02MD	20 Hours	August 7th 2006 thru August 24th 2007
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	Radiology Services of Northern Virginia 13870 Park Center Dr. Herndon, Va. 20171  License # 45-31125-02MD	160 Hours	August 7th 2006 thru August 24th 2007
<b>Total Hours of Experience:</b> 644 Hours			
Supervising Individual Allen C. Jones RPh PharmD RSO Radiology Services of Northern Virginia			

c. Go to and complete Part II Preceptor Attestation.

**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 Allen C. Jones RPh PharmD RSO 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 Radiology Services of Northern Virginia  
Nuclear Pharmacy or Medical Facility

45-31125-02MD  
License/Permit Number

Name of Preceptor	Signature	Telephone Number	Date
Allen C. Jones RPh PharmD RSO	<i>Allen C. Jones RSO</i>	703-796-1188	8/23/07

**COMMONWEALTH OF VIRGINIA**  
DEPARTMENT OF HEALTH PROFESSIONS

*Sandra Whitley Ryals, Director*

*Elizabeth Scott Russell*  
Executive Director  
(804) 662-9911

**BOARD OF PHARMACY**

6603 West Broad Street, 5<sup>th</sup> Floor  
Richmond, VA 23230-1712  
[www.dhp.virginia.gov/pharmacy](http://www.dhp.virginia.gov/pharmacy)

**Pharmacist License**

**Milton Ballard**

Expires  
12/31/2007

Number  
0202208041

To Provide Information or File a  
Complaint About a Licensee, Call: 1-800-533-1560

# Certificate of Completion

The University of Arkansas for Medical Sciences  
and the  
University of New Mexico Health Science Center  
certify that

*Milton Ballard*

has completed the didactic education requirements for  
Authorized Nuclear Pharmacist education  
as specified by the Nuclear Regulatory Commission.

## Nuclear Pharmacist Education and Training



*John L. Pappas*  
Dean, UNM College of Pharmacy

*Nicki Hilliard*  
Executive Committee, Professor

*Stephanie Johnson*  
Dean, UAMS College of Pharmacy

*[Signature]*  
Executive Committee, Associate Professor

February 10, 2007



# UAMS

## COLLEGE OF PHARMACY

UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

### OFFICE OF THE DEAN

Education Building II, Room 6-104  
4301 W. Markham St., #522  
Little Rock, AR 72205-7199

501-686-5557  
501-686-8315 (fax)

[www.uams.edu/cop](http://www.uams.edu/cop)



### Pharmaceutical Sciences Department Biomedical Research Center

501-686-5937  
501-686-6057 (fax)  
Education Building II  
501-686-6280  
501-526-6510 (fax)

### Pharmacy Practice Department

501-686-6390  
501-296-1168 (fax)

### Pharmaceutical Evaluation and Policy Division

501-686-6393  
501-686-5156 (fax)

### Doctor of Pharmacy Degree Non-Traditional Program

501-686-7124  
800-245-3256 (toll-free)  
501-526-6872 (fax)

### Arkansas Poison Control Center

501-686-6161  
800-3POISON (toll-free)  
501-296-1451 (fax)

### Drug Information

501-686-5072  
888-228-1233 (toll-free)

### Continuing Education Program

501-686-5396

March 1, 2007

Milton Ballard  
Radiology Services of Northern Virginia  
13870 Park Center Rd.  
Herndon, VA 20171

Dear Milton,

Congratulations on your completion of Nuclear Education Online program for nuclear pharmacy training. We hope that you have gained the fundamental knowledge of the profession on which to build experience and expertise in this specialty area of pharmacy.

The faculty would like to congratulate you for your performance in the program. You earned the "Head of the Class" award for your educational session and made the "Honor Roll" with a course performance score greater than 90%.

We appreciate your participation in the program and wish you the best in your career.

Best regards,

Nicki Hilliard, Pharm.D, MHSA, BCNP, FAPhA  
Professor of Nuclear Pharmacy  
University of Arkansas for Medical Sciences

cc: Alan Jones

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

**Nuclear Pharmacist Education**

**Milton Ballard**

<b>Didactic Courses</b>	<b>Nuclear Physics</b>	<b>Instrumentation</b>	<b>Radiochemistry</b>	<b>Radiation Safety</b>	<b>Radiation Biology</b>	<b>Radiopharmacology</b>	<b>Total</b>
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
<b>TOTALS</b>	<b>70</b>	<b>45</b>		<b>35</b>	<b>20</b>	<b>50</b>	<b>250</b>

Course dates: September 23, 2006 – February 10, 2007

*Nicki Hilliard*

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

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

Revised April 2006