



6/09/08

Nuclear Regulatory Commission  
Licensing Assistance Team  
Nuclear Materials Safety Branch  
475 Allendale Road  
King of Prussia, PA 19406

RET  
01MD 03034940

**Re- RAM License number 29-30500**

I refer to the above License and request the following amendment;

- ❖ Bernard J. Guarino, R.Ph. as an Authorized Nuclear Pharmacist.

Mr. Guarino is a licensed pharmacist in the State of New Jersey. He recently completed 214 hours of classroom instruction in Nuclear Pharmacy and the safe handling and use of Radioactive Materials, administered by the Ohio State University, College of Pharmacy. Mr. Guarino has also successfully completed over eight hundred(800) hours of supervised centralized nuclear pharmacy training at this facility. He has clearly and satisfactorily demonstrated that he has the ability and competency to function independently as an Authorized Nuclear Pharmacist (10CFR35.55) and operate a nuclear pharmacy (10CFR35.980).

Please find appended, a copy of Mr. Guarino's registration certificate from the New Jersey State Board of Pharmacy, along with other documents supporting his completion of the minimum of 700 hours of training and experience in Nuclear Pharmacy.

Any questions or concerns, please feel free to contact me at (973)664-9696.

Thank you

Ken Ali  
Radiation Safety Officer  
Nuclear Diagnostic Products  
101 Roundhill Drive  
Rockaway, NJ 07866  
Ph. (973)-664-9696  
Fax. (973)-664-9699  
E-mail: [kena@ndprx.com](mailto:kena@ndprx.com)

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2008 JUN 12 PM 12:36

101 Roundhill Drive  
Rockaway, New Jersey 07866

(973) 664-9696  
(973) 664-9699 Fax

142498  
NMSC/IGNI MATERIALS-C02



Service • Experience • Reliability

6/9/08

Mr. Ken Ali  
Radiation Safety Officer  
Nuclear Diagnostic Products  
101 Roundhill Drive, Rockaway ,NJ  
07866

**Re-Bernard J. Guarino R.Ph**

Dear Mr. Ali:

This letter serves to inform you that Mr. Bernard J. Guarino, pharmacist, has been training under my direct supervision as well as other professional staff members at this facility. To date, he has completed over eight hundred (800) hours handling unsealed radioactive material in addition to overall pharmacy responsibilities, and two hundred fourteen(214) hours of didactic material administered by Ohio State University, College of Pharmacy. (schedule of training attached)

Mr. Guarino has clearly and satisfactorily demonstrated that he has the ability and competency, to function independently as an Authorized Nuclear Pharmacist(10CFR35.55), and to operate a nuclear pharmacy(10CFR35.980). I strongly recommend that our Radioactive Materials License be amended to include Mr. Bernard J. Guarino as an Authorized Nuclear Pharmacist.

Any questions, please feel free to contact me immediately.

Thank you

A handwritten signature in black ink, appearing to read "Mark Novembre", written over a horizontal line.

Mark Novembre, RPh,  
Pharmacy Manager

101 Roundhill Drive  
Rockaway, New Jersey 07866

(973) 664-9696  
(973) 664-9699 Fax

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**State Of New Jersey**  
**New Jersey Office of the Attorney General**  
**Division of Consumer Affairs**

THIS IS TO CERTIFY THAT THE  
**Board of Pharmacy**

HAS LICENSED

**BERNARD J. GUARINO JR**  


FOR PRACTICE IN NEW JERSEY AS A(N): Pharmacist

04/30/2007 TO 04/30/2009  
VALID

28RI01936000

LICENSE/REGISTRATION/CERTIFICATION #

  
ACTING DIRECTOR

Signature of Licensee/Registrant/Certificate Holder

**PERSONAL INFORMATION WAS REMOVED  
BY NRC. NO COPY OF THIS INFORMATION  
WAS RETAINED BY THE NRC.**



The Ohio State University  
College of Pharmacy  
and  
University Medical Center  
Department of Pharmacy



By this certificate warrants that

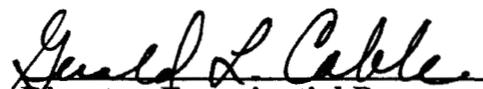
**BERNARD J. GUARINO, R.Ph.**

has satisfactorily fulfilled all requirements  
and completed the prescribed course

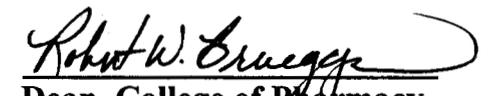
**Nuclear Pharmacy Certificate Program**

May 30, 2008

  
Director, Nuclear Pharmacy  
Associate Professor of Pharmacy

  
Director, Experiential Programs  
College of Pharmacy



  
Dean, College of Pharmacy

  
Chair, Pharmacy Practice  
and Administration



THE OHIO STATE UNIVERSITY  
COLLEGE OF PHARMACY  
UNIVERSITY MEDICAL CENTER



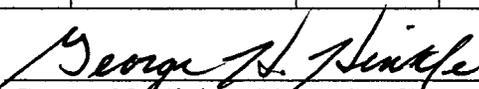
NUCLEAR PHARMACY CERTIFICATE PROGRAM

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

Name: Bernard J. Guarino, R.Ph.

Location of Training	Dates of Attendance	Course Title	Total Clock Hours	BREAKDOWN OF COURSE CONTENT IN CLOCK HOURS				
				Radiation Physics & Instrumentation	Radiation Protection	Math Pertaining to Radioactivity	Radiation Biology	Radiopharmaceutical Chemistry
The Ohio State University, Columbus, OH	May 5, 2008 through May 30, 2008	Nuclear Pharmacy Certificate Program	214	88	45	20	22	39
*Note: Show a breakdown of hours by institution, dates, and subjects. List each hour only once (i.e., under the most applicable subject category) TOTAL HOURS			214	88	45	20	22	39

Authorized Nuclear Pharmacist/Authorized User:

  
George H. Hinkle, RPh, MS, BCNP, FASHP, FAPhA

DATE: May 30, 2008



THE OHIO STATE UNIVERSITY  
COLLEGE OF PHARMACY  
UNIVERSITY MEDICAL CENTER



NUCLEAR PHARMACY CERTIFICATE PROGRAM  
RADIONUCLIDE HANDLING EXPERIENCE

Name: Bernard J. Guarino, R.Ph.

Date: May 30, 2008

Document the actual use/handling of radioactive material under the supervision of an Authorized Nuclear Pharmacist.

RADIONUCLIDE	RADIOACTIVITY	USE see below	EXPERIENCE Actual clock hours (Include date range of experience)	LOCATION
Mo-99	10 Curies	1,2,3,4,5,6,7	5/5/08	The Ohio State University Medical Center Columbus, OH
Tc-99m	8 Curies	1,2,3,4,5,6,7	through	
I-131	200 mCi	1,2,3,4,5,6	5/30/08	
I-123	1 mCi	1,2,3,4,5,6		
Ga-67	25 mCi	1,2,3,4,5		
Tl-201	50 mCi	1,2,3,4,5		
In-111	7.5 mCi	1,2,3,4		
Sr-89	5 mCi	1,2,3,4,5,6		
Sm-153	100 mCi	1,2,3,4,5,6		
F-18	200 mCi	1,2,3,4,5,6		
Cs-137	0.2 mCi	1,2,5		
			<b>TOTAL HOURS:</b>	
			40 hours	

Key for "Use": the number, or numbers, entered under "Use" should correspond to the handling experience for each radionuclide.

1. Ordering, shipping, receiving radioactive materials and performing related radiation surveys.
2. Calibrating, using and performing checks for proper operation of dose calibrators, scintillation detectors, survey meters, and, if applicable, instruments used to measure alpha- or beta-emitting radionuclides.
3. Calculating, assaying and safely preparing dosages for patients or human research subjects.
4. Using appropriate internal controls to avoid mistakes in the labeling and/or administration of by product material.
5. Using procedures to prevent or minimize contamination and using proper decontamination procedures.
6. Learning emergency procedures to handle and contain spilled materials safely, including related decontamination procedures, surveys and wipe tests.
7. Eluting Tc99m from generator systems, assaying the eluate for Tc99m and for Mo99 and processing the eluate with reagent kits to prepare Tc99m labeled radioactive drugs.

Authorized Nuclear Pharmacist:

  
George H. Hinkle, RPh, MS, BCNP

Date: May 30, 2008

This is to acknowledge the receipt of your letter/application dated

6/9/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (29-30500-01MD)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 142498.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.