

NMSB2

April 30, 2007

U.S. Nuclear Regulatory Commission  
Region I  
Nuclear Materials Safety Branch  
475 Allendale Road  
King of Prussia, PA 19406-1415

030 33578

**RE:** Material License #24-04206-19MD (Pittsburgh, PA)

***Please Expedite Licensing Action***

Dear License Reviewer:

Please amend the above reference material license to reflect the following modification:

1. Amend to name **Sean Barrett R.Ph.** as an Authorized Nuclear Pharmacist. Mr. Barrett has completed the necessary didactic and practical experience training in accordance with 10 CFR 35.980 (refer to attached documentation). In addition, the Pennsylvania Board of Pharmacy recognizes Mr. Barrett as a Registered Pharmacist.

An expedited review of this request would be appreciated due to extended staffing shortages in this pharmacy. All other items relating to our radioactive material license and established Radiation Safety Program remain unchanged at this time.

Please contact April Chance, Manager, Radiological Affairs at (314) 654-7960 for further information regarding this matter. Your prompt review and approval of this license modification is greatly appreciated.

Sincerely,



Kay M. Yoder  
Director, Radiation, Environment, Safety & Health – Mallinckrodt Inc.

Attachment

cc: M. Mezeivtch, Radiation Safety Officer (Pittsburgh, PA)  
A. Chance, Manager, Radiological Affairs (Hazelwood, MO)

RECEIVED  
REGION 1  
2007 MAY -2 AM 10: 31

140467

NMSS/RGN1 MATERIALS-002

**ATTACHMENT I**  
**PRECEPTOR LETTER AND PRACTICAL TRAINING DOCUMENTATION**

04/12/2007

Kay M. Yoder, Director, Radiation, Environment, Safety & Health  
Regulatory Compliance Department  
Mallinckrodt Inc.  
675 McDonnell Boulevard  
P.O. Box 5840  
St. Louis, MO 63134

**RE:** Proposed Authorized Nuclear Pharmacist – (Sean Barrett, R.Ph.)

Dear Kay:

Attached, please find documentation outlining the nuclear pharmacy training and experience received by Sean Barrett, R.Ph.. Mr. Barrett received his “on the job” nuclear pharmacy training and practical experience under my supervision during the period of November 2006 to April 2007..

Based on Mr. Barrett’s training and experience, as outlined in the attached documents, I confirm that he has achieved a level of competency sufficient to independently operate a nuclear pharmacy. I recommend elevating Sean Barrett, R.Ph. to the status of Authorized Nuclear Pharmacist in accordance with 10 CFR 32.72.

Sincerely,



Gary L. Spence, M.S., R.Ph.  
Nuclear Pharmacy Manager

Attachments



**ATTACHMENT II**  
**DIDACTIC TRAINING DOCUMENTATION**



**THE OHIO STATE UNIVERSITY  
COLLEGE OF PHARMACY  
UNIVERSITY MEDICAL CENTER**



**NUCLEAR PHARMACY CERTIFICATE PROGRAM**

**TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES**

Name: Sean Barrett, R.Ph.

Location of Training	Dates of Attendance	Course Title	Total Clock Hours of Course	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	February 5, 2007 through March 2, 2007	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*  
George H. Hinkle, RPh,MS,BCNP,FASHP,FAPhA

DATE: March 2, 2007



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



By this certificate warrants that

**Sean C. Barrett**

has satisfactorily fulfilled all requirements  
and completed the prescribed course

**Nuclear Pharmacy Certificate Program**

March 2, 2007

*George A. Smith*  
Director, Nuclear Pharmacy  
Associate Professor of Pharmacy

*Ronald A. Berman*  
Executive Director  
Council of Ohio Colleges of Pharmacy



*Robert W. Bruegg*  
Dean, College of Pharmacy

*Nilay C. Nambh*  
Chair, Pharmacy Practice  
and Administration

**ATTACHMENT III  
NUCLEAR PHARMACY LICENSE**

Commonwealth of Pennsylvania  
 Department of State  
 Bureau of Professional and Occupational Affairs  
 PO Box 2649 Harrisburg PA 17105-2649

06 342763

**License Type**  
 Pharmacist



**License Status**  
 Active

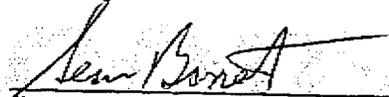
**Initial License Date**  
 08/09/1991

**Expiration Date**  
 09/30/2008

**License Number**  
 RP038099L

**SEAN CURRY BARRETT**  


  
 Commissioner of Professional and Occupational Affairs

  
 Signature

ALTERNATION OF THIS DOCUMENT IS A CRIMINAL OFFENSE UNDER 18 P.S. 4911

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

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

4/30/2007, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 24-04206-19MD  
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

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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 140467.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)  
(6-98)

Sincerely,  
Licensing Assistance Team Leader