

Des Peres Hospital

2345 Dougherty Ferry Road  
St. Louis, MO 63122  
tel: 314.821.5850  
www.despereshospital.com  
June 22, 2007

Ref. License #24-32195-01

Toye Simmons  
U.S. Nuclear Regulatory Commission  
Region III  
Materials Licensing Section  
801 Warrensville Road  
Lisle, IL 60532

Dear Ms. Simmons:

This is a request for two amendments to our radioactive material license.

1. Please add Dr. James Douglas Schoen as an authorized physician for use of all radioactive materials specified in our current license. Enclosed are a 313AUD form and a copy of Dr. James Douglas Schoen's American Board of Radiology Certification specializing in Diagnostic Radiology as of January 2005.

2. On September 15, 2005 we request that Dr. David Hunter be removed from our current license. As of our most recent Amendment No. 11 Dr. David Hunter still appears as an authorized user. Enclosed are the copy of the initial request and the current copy of Amendment No. 11 dated April 2, 2007.

The Radiation Safety Committee concurred with these amendment requests.

If you have any questions concerning this amendment request, please contact our consulting Radiation Physicist, Maury Neuweg 217-786-3839.

Sincerely,



Michael Kendrick COO

Enclosure: American Board of Radiology (copy)  
Material License #24-01041-04  
NRC Form 313A  
Copy of letter dated September 15, 2005

RECEIVED JUN 29 2007



**AUTHORIZED USER TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION**  
(for uses defined under 35.100, 35.200, and 35.500)  
[10 CFR 35.190, 35.290, and 35.590]

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

Name of Proposed Authorized User

State or Territory Where Licensed

Dr. James Douglas Schoen

Missouri

Requested Authorization(s) (check all that apply)

- 35.100 Uptake, dilution, and excretion studies
- 35.200 Imaging and localization studies
- 35.500 Sealed sources for diagnosis (specify device \_\_\_\_\_)

**PART I -- TRAINING AND EXPERIENCE**  
(Select one of the three 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 uses checked above.

**1. Board Certification**

- a. Provide a copy of the board certification.
- b. If using only 35.500 materials, stop here. If using 35.100 and 35.200 materials, skip to and complete Part II Preceptor Attestation.

**2. Current 35.390 Authorized User Seeking Additional 35.290 Authorization**

- a. Authorized user on Materials License \_\_\_\_\_ meeting 10 CFR 35.390 or equivalent Agreement State requirements seeking authorization for 35.290.
- b. Supervised Work 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 Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*
Eluting generator systems appropriate for the preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs			

**Total Hours of Experience:**

Supervising Individual

License/Permit Number listing supervising individual as an authorized user

Supervisor meets the requirements below, or equivalent Agreement State requirements (check all that apply).

- 35.290
- 35.390 + generator experience in 32.290(c)(1)(ii)(G)

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User**

a. Classroom and Laboratory Training.

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation			
Radiation protection			
Mathematics pertaining to the use and measurement of radioactivity			
Chemistry of byproduct material for medical use (not required for 35.590)			
Radiation biology			

**Total Hours of Training:**

b. Supervised Work Experience (completion of this table is not required for 35.590).  
(If more than one supervising individual is necessary to document supervised work experience, provide multiple copies of this section.)

Description of Experience Must Include:	Location of Experience/License or Permit Number of Facility	Total Hours of Experience:		Dates of Experience*
		Confirm		
Ordering, receiving, and unpacking radioactive materials safely and performing the related radiation surveys		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Performing quality control procedures on instruments used to determine the activity of dosages and performing checks for proper operation of survey meters		<input type="checkbox"/> Yes	<input type="checkbox"/> No	

**AUTHORIZED USER TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)**

**3. Training and Experience for Proposed Authorized User (continued)**

**b. Supervised Work Experience. (continued)**

Description of Experience Must Include:	Location of Experience/License or Permit Number of Facility	Confirm	Dates of Experience*
Calculating, measuring, and safely preparing patient or human research subject dosages		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Using administrative controls to prevent a medical event involving the use of unsealed byproduct material		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Using procedures to contain spilled byproduct material safely and using proper decontamination procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Administering dosages of radioactive drugs to patients or human research subjects		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Eluting generator systems appropriate for the preparation of radioactive drugs for imaging and localization studies, measuring and testing the eluate for radionuclidic purity, and processing the eluate with reagent kits to prepare labeled radioactive drugs		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Supervising Individual

License/Permit Number listing supervising individual as an authorized user

Supervisor meets the requirements below, or equivalent Agreement State requirements (*check one*).

- 35.190   
  35.290   
  35.390   
  35.390 + generator experience in 35.290(c)(1)(ii)(G)

**c. For 35.590 only, provide documentation of training on use of the device.**

Device	Type of Training	Location and Dates

**d. For 35.500 uses only, stop here. For 35.100 and 35.200 uses, skip to and complete Part II Preceptor Attestation.**

**AUTHORIZED USER 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. (Not required to meet training requirements in 35.590)

**First Section**

Check one of the following for each use requested:

For 35.190

Board Certification

I attest that \_\_\_\_\_ has satisfactorily completed the requirements in  
Name of Proposed Authorized User

10 CFR 35.190(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100.

**OR**

Training and Experience

I attest that Dr. James Douglas Schen has satisfactorily completed the 60 hours of training and  
Name of Proposed Authorized User

experience, including a minimum of 8 hours of classroom and laboratory training, required by 10 CFR 35.190(c)(1), and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100.

For 35.290

Board Certification

I attest that \_\_\_\_\_ has satisfactorily completed the requirements in  
Name of Proposed Authorized User

10 CFR 35.290(a)(1) and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200.

**OR**

Training and Experience

I attest that Dr. James Douglas Schen has satisfactorily completed the 700 hours of training  
Name of Proposed Authorized User

and experience, including a minimum of 80 hours of classroom and laboratory training, required by 10 CFR 35.290(c)(1), and has achieved a level of competency sufficient to function independently as an authorized user for the medical uses authorized under 10 CFR 35.100 and 35.200.

**Second Section**

Complete the following for preceptor attestation and signature:

I meet the requirements below, or equivalent Agreement State requirements, as an authorized user for:

- 35.190
- 35.290
- 35.390
- 35.390 + generator experience

Name of Preceptor	Signature	Telephone Number	Date
Daniel A. Abodeely	<i>Daniel A. Abodeely</i>	(314) 910-930	01/25/07
License/Permit Number/Facility Name	24-32195-01 Des Peres Hospital		

# American College of Radiology



*Be it known by these presents that the American College of Radiology  
has conferred the degree of*

**Member**

*upon*

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**Douglas Schoen, M.D.**

*In witness thereof the seal of the College and the  
signatures of its accredited officers are hereto affixed.*

*Given this first day of January, 2005.*



*Milton J. Dubowitz, MD*  
PRESIDENT

*Sarah S. Anderson, MD, FACR*  
SECRETARY

*James P. Borgsteak, MD*  
CHAIRMAN OF THE BOARD OF CHANCELLORS

September 15, 2005

Ref. License #24-32195-01

Toye Simmons  
U.S. Nuclear Regulatory Commission  
Region III  
Materials Licensing Section  
801 Warrensville Road  
Lisle, IL 60532

Dear Ms. Simmons:

This is to request an amendment to our radioactive material license.

Please add Dr. Karen F. Goodhope M.D. as an authorized physician for use of all radioactive materials specified in our current license. Enclosed is a copy of our license dated January 24, 2000 showing that Dr. Goodhope was licensed for 10 CFR 35.100, 35.200, 35.300, and 31.11.

Also we wish to have Dr. David Hunter M.D. removed from our current license as he is now practicing at another facility.

The Radiation Safety Committee concurred with this amendment request.

If you have any questions concerning this amendment request, please contact our consulting Radiation Physicist, Maury Neuweg, 217-786-3839.

Sincerely,

Barbara Jacobsmeyer, C.O.O.

Enclosure: Materials License dated January 24, 2000

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number  
24-32195-01

Docket or Reference Number  
030-35144

Amendment No. 11

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities located at 2345 Dougherty Ferry Road, St. Louis, Missouri .
- 11. The Radiation Safety Officer for this license is Daniel Abodeely, M.D.
- 12. Licensed material is only authorized for use by, or under the supervision of:
  - A. Individuals permitted to work as an authorized user in accordance with 10 CFR 35.13 and 35.14.
  - B. The following individuals are authorized users for medical use:

Authorized Users

Material and Use

Edward J. O'Brien, M.D.	10 CFR 35.100, 35.200, 35.300 and 31.11.
Daniel Abodeely, M.D.	10 CFR 35.100, 35.200, 35.300 and 31.11.
David Hunter, M.D.	10 CFR 35.100, 35.200 and 35.300.
Gregory Cizek, M.D.	10 CFR 35.100, 35.200 and 35.300 (excluding iodine-131 for thyroid carcinoma)
Matthew Scott Ruyle, M.D.	10 CFR 35.100, 35.200, 35.300 (limited to diagnostic studies only) and 31.11.
Thomas M. Schroyer, M.D.	10 CFR 35.100 and 35.200.
Karen F. Goodhope, M.D.	10 CFR 35.100, 35.200, 35.300 and 31.11.
<b>David Wei-Han Wu, M.D.</b>	<b>10 CFR 35.100 and 35.200.</b>

- 13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
- 14. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material.



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St. Louis, MO.  
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