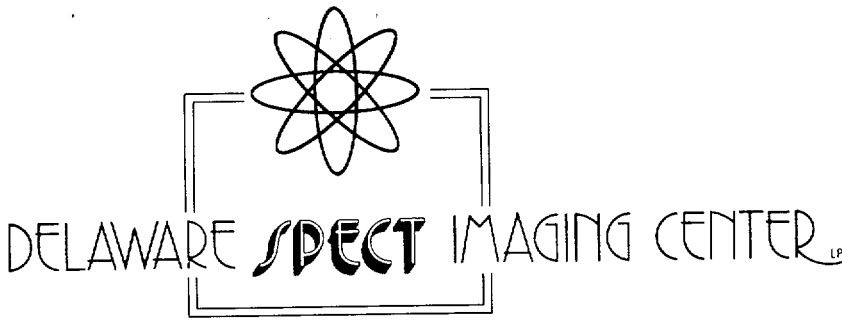


Steven L. Edell, D.O., F.A.C.R.  
Director



G-40 OMEGA DRIVE, NEWARK, DELAWARE 19713 TELEPHONE (302) 737-1600 FAX (302) 737-1356

Br. 2

Licensing Assistance Section  
Nuclear Materials Safety Branch  
U.S. Nuclear Regulatory Commission, Region 1  
475 Allendale Road  
King of Prussia, PA 19406

RECEIVED  
REGION 1  
2006 OCT - 6 PM 1:05

To Whom It May Concern:

03030418

This facility is requesting an amendment to our current NRC license 07-28154-01. I am requesting that Paul J. Alfieri, MD replace myself, Steven L Edell, DO , as Radiation Safety Officer. I am attaching the pertinent documentation and credentials for Paul J. Alfieri, MD. Having worked with Dr. Alfieri for some time, it is my opinion that he is well qualified and educated in the field of radiation safety. I feel that he will make an excellent Radiation Safety Officer.

Requested Changes:

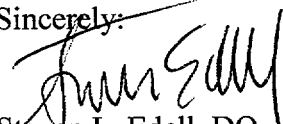
Radiation Safety Officer

Name: Paul J. Alfieri, MD

Compliance with training and  
Experience Criteria described in  
10CFR Part 35

If any further assistance is needed in completing this change, please contact me at the above address for Delaware SPECT Imaging Center or by phone at (302)737-1600.

Sincerely:

  
Steven L. Edell, DO

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
RADIOACTIVE MATERIAL LICENSE**

Pursuant to the Atomic Energy and Radiation Control Act, Section 13-7-40 et. seq. of S.C. Code of Laws of 1976, as amended, and Supplements thereto, and the South Carolina Department of Health and Environmental Control Regulation 61-63, Radioactive Material (Title A), and in reliance on statements and representations heretofore made by the applicant, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules and regulations of the South Carolina Department of Health and Environmental Control now or hereafter in effect and to any conditions specified below.

Amendment No. 14 amends

<b>LICENSEE</b>		3. License Number:
1. Name:	The Sanger Clinic	516 in its entirety.
2. Address:	197 Piedmont Boulevard, Suite 111 Rock Hill, SC 29732	4. Expiration Date: October 31, 2009
5. Radioactive Material (Element & Mass No.)	6. Chemical and/or Physical Form	7. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
A. Any radioactive material identified in RHA 4.37, Part IV, Department Regulation 61-63.	A. Any radiopharmaceutical identified in RHA 4.37, Department Regulation 61-63, except radioactive gases.	A. As needed.
B. Cobalt 57	B. Sealed sources as listed with the NRC Registry of Radioactive Sealed Sources and Devices.	B. As needed. (No single source to exceed 25 mCi.)
8. Authorized Use:		
A. Medical use described in RHA 4.37, Department Regulation 61-63.		
B. For use as calibration and reference standards.		

**Conditions**

- 9. Unless otherwise specified, the authorized place of use is the licensee's address stated in Item 2 above.
- 10. The licensee shall comply with the provisions of Title A, Department Regulation 61-63; Part I - General Provisions; Part II - Licensing of Radioactive Materials; Part III - Standards for Protection Against Radiation; Part IV - Use of Radionuclides in the Health Professions; and Part VI - Notices, Instructions, and Reports to Workers; Inspections.

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Radioactive Material License  
Supplementary Sheet

License No. 516  
Amendment No. 14

- 
11. Radiation Safety Officer: Harry E. Hicklin, III, M.D.
12. Authorized Users:
- A. Phillip J. Iuliano, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - B. John C. Cedarholm, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - C. Thomas F. Kelley, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - D. B. Hadley Wilson, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - E. Harry E. Hicklin, III, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - F. Nelson Der Seen, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - G. Thomas V. Johnson, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - H. Craig Clinard, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - I. Irvin Naylor, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - J. Stephen T. Iuliano, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - K. Richard E. Browne, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - L. Peter Ashline, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - M. Nathaniel Edwards, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - N. Jose Emmanuel Eusebio, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - O. William Herndon, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - P. William Massey, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - Q. Daniel Sugarman, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - R. Daniel Koehler, D.O. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - S. Karen Cloninger, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - T. James C. Bower, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Radioactive Material License  
Supplementary Sheet

License No. 516  
Amendment No. 14

- 
- U. Richard S. Musialowski, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - V. Christopher G. Stephenson, Jr., M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - W. Paul J. Alferi, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - X. Ajay S. Bajwa, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - Y. Michael J. Rinaldi, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - Z. Sanjay R. Patel, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - AA. Rachael D. Keever, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - BB. Michael R. Tamberella, III, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - CC. Jeanette M. Billett, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - DD. Richard Scherczinger, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
  - EE. Justin Fletcher Haynie, M.D. for approved cardiology uses pursuant to RHA 4.37, Department Regulation 61-63.
13. The licensee may hold radioactive material with a physical half life of less than 120 days for decay-in-storage before disposal in ordinary trash. For radioactive material disposed of in this manner, the licensee shall maintain a record of each disposal for three years. The record must include the date of disposal, the date on which the material was placed in storage, the model and serial number of the survey instrument used, the background exposure rate, the radiation exposure rate measured at the surface of each waste container, and the name of the individual who performed the disposal. This waste shall be held for decay a minimum of ten half lives, and its radioactivity shall be undistinguishable from background radiation levels at the time of disposal.
14. The licensee shall transport all waste (i.e. spent doses, etc.) in accordance with the provision of Regulation 61-83, Transportation of Radioactive Waste Into and Within South Carolina. The licensee shall maintain insurance in accordance with the requirements of the regulations, or as required by the Department. The licensee shall provide to the Chief, Bureau of Radiological Health, certification holding the State of South Carolina harmless for all claims, actions, or proceedings in law or equity. The certification shall be in accordance with Section 3.4 of Regulation 61-83.

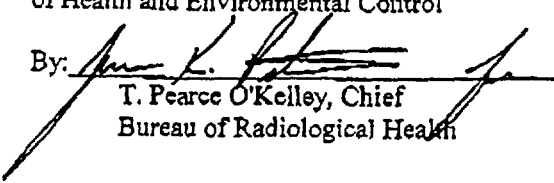
**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Radioactive Material License  
Supplementary Sheet

License No. 516  
Amendment No. 14

- 
- 15. Except as specifically provided otherwise in this license and except as provided by RHA 4.14, Department Regulation 61-63, the licensee shall conduct his program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures listed below. The Department's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
    - A. Renewal application dated September 13, 2004, signed by Bill Cuningham.
    - B. Letter dated March 1, 2005, signed by Bill Cuningham, BSRT, and Harry E. Hicklin, M.D., RSO.

Date of Issuance: February 2, 2006

For the South Carolina Department  
of Health and Environmental Control

By:   
T. Pearce O'Kelley, Chief  
Bureau of Radiological Health

DHEC 812 (11/81)



# Health & Radiological Seminars, Inc.

Hereby certifies that

*Paul Alfieri, M.D.*

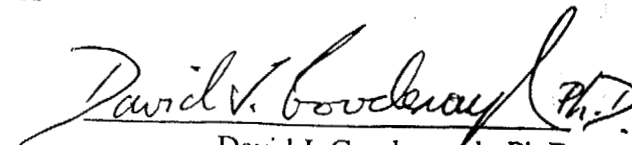
has successfully completed the 200 Hour Physician Training  
Program in Basic Radioisotope Handling conducted  
in accordance with the requirements of the  
U.S. Nuclear Regulatory Commission (10 CFR 35).

## COURSE OUTLINE

Radiation Physics and Instrumentation - 100 hours  
Mathematics pertaining to the use and measurement of radioactivity - 20 hours  
Radiopharmaceutical Chemistry - 30 hours  
Radiation Biology - 20 hours  
Radiation Protection - 30 hours

  
Barbara E. Rinehart  
Course Director

April 8, 2002

  
David J. Goodenough, Ph.D.  
Scientific Advisor



## Society of Nuclear Medicine

*Presented to*

**Paul Alfieri, MD**

*This is to verify your participation in the education activity*

### Basic Science Module

on  
December 1, 2004

The Society of Nuclear Medicine is accredited by the ACCME to sponsor continuing medical education for physicians.

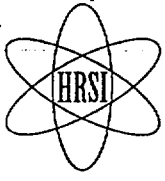
The SNM designates this CME activity for a maximum of 22.0 category 1 credit(s) towards the AMA Physician Recognition Award. Each physician should claim only those credit(s) that he/she actually spent in the educational activity.

Participant is awarded 22.0 credit

*Lynn Barnes*

---

Lynn Barnes, MEd  
Director of Education



# Health and Radiological Seminars Inc.

3 Hillcrest Drive, Suite 200A, Frederick, MD 21703

Fax# (301) 662-9161

(301) 663-8141

(800) 969-4774

April 8, 2002

Paul Alfieri, M.D.  
8 Merion Lane  
Hummelstown, PA 17036

Dear Dr. Alfieri:

Congratulations on successfully completing your 200 didactic hours in "Basic Handling of Radioisotopes" with our Health and Radiological Seminars program.

In this package you will find the materials that you will need for licensure:

- Certificate which states that you have completed the 200 hours of didactic training
- A sample letter your preceptor will write on your behalf to confirm that you have completed over 500 hours of supervised isotope handling.
- A sample letter your preceptor will write on your behalf to confirm that you have completed over 500 hours clinical training.
- NRC Form 313, "Application for Material License"
- NRC State Program Directory

We wish you the best of luck with your licensing. If there is anyway we can be of assistance in the future, please do not hesitate to contact us. If you ever get the chance to drop us a line or call, we would love to hear of your progress.

Once again, thank you and good luck.

Very best regards,

Barbara E. Rinehart  
Course Director

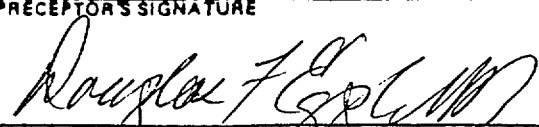


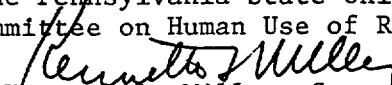
EXHIBIT 3  
SUPPLEMENT B

SUPPLEMENT		U. S. NUCLEAR REGULATORY COMMISSION	
PRECEPTOR STATEMENT			
Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.			
1. PROPOSED PHYSICIAN USER'S NAME AND ADDRESS		KEY TO COLUMN C	
FULL NAME		PERSONAL PARTICIPATION SHOULD CONSIST OF: 1-Supervised examination of patients to determine the suitability for radiolotope diagnosis and/or treatment and recommendation for prescribed dosage. 2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data. 3-Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.	
Paul Alfieri, M.D.			
STREET ADDRESS			
CITY	STATE		
2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN			
ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
	Thyroid scan		THIS PRECEPTOR STATEMENT IS LIMITED TO CARDIAC NUCLEAR MEDICINE AND SUPPLEMENT B ONLY.
	Thyroid uptake		
	Lung perfusion scan		
	Xenon ventilation study		
	Aerosol ventilation scan		
	Renal flow scan		
	Brain scan		
	Liver/spleen scan		
	Bone scan		
	Gastroesophageal study		
	LeVeen shunt study		
	Cystogram		
	Dacryocystogram		
	Cardiac perfusion scan.	-638-	
	Cardiac stress ventriculogram		
Cardiac rest ventriculogram	-42-		
Gallium scan			
Gated Studies	-646-		

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

EXHIBIT 3 (Continued)

PROPOSED PHYSICIAN USER Paul Alfieri, M.D.			
<b>PRECEPTOR STATEMENT (Continued)</b>			
<b>2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)</b>			
ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES	-0-	THIS PRECEPTOR STATEMENT IS LIMITED TO CARDIAC NUCLEAR MEDICINE AND SUPPLEMENT B ONLY.
P-32 (Colloid)	INTRACAVITARY TREATMENT	-0-	
I-131	TREATMENT OF THYROID CARCINOMA	-0-	
	TREATMENT OF HYPERTHYROIDISM	-0-	
Au-198	INTRACAVITARY TREATMENT	-0-	
Co-60 or Cs-137	INTERSTITIAL TREATMENT	-0-	
	INTRACAVITARY TREATMENT	-0-	
I-125 or Ir-192	INTERSTITIAL TREATMENT	-0-	
	TELE THERAPY TREATMENT	-0-	
Sr-90	TREATMENT OF EYE DISEASE	-0-	
	RADIOPHARMACEUTICAL PREPARATION	-0-	
Mo-99/ Tc-99m	GENERATOR	-8-	
Sr-113/ In-113m	GENERATOR	-0-	
Tc-99m	REAGENT KITS	-7-	
Other	Survey Receipt Packages	-14-	
	Q/C Generator Elution	-10-	
	Draw Dose from Stock Vial	-24-	
	Calibrate Dose	-24-	
	Inject Patient	-24-	
	Contamination Survey	-9-	
	Pharmacy Paperwork	-11-	
			Disposal of Radioactive Trash -24- Process Images -18- Set up Camera to Scan -8-
<b>3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING</b>			
	LOCATION	DATES	CLOCK HOURS OF EXPERIENCE
	Penn State/Hershey	November 1999	October 2000
	Milton S. Hershey Medical Center	March 2000	January 2002
	Division of Nuclear Medicine	July 2000	June 2002
	Training included requirements in 10CFR35, 920 PARA b(2) and b(3) i-y.		
<b>4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:</b>		<b>5. PRECEPTOR'S SIGNATURE</b>	
<b>a. NAME OF SUPERVISOR</b> Douglas F. Eggli, M.D.			
<b>b. NAME OF INSTITUTION</b> Penn State/Hershey Medical Center			
<b>c. MAILING ADDRESS</b> Room HG300Z/P.O. Box 850, H066			
<b>d. CITY</b> Hershey, PA 17033			
<b>6. MATERIALS LICENSE NUMBER(S)</b> 37-13831-01		<b>7. PRECEPTOR'S NAME (Please type or print)</b> Douglas F. Eggli, M.D.	
		<b>8. DATE</b> June 25, 2002	

EXH-7 For the Pennsylvania State University  
Subcommittee on Human Use of Radioisotopes  
  
Kenneth L. Miller, Secretary

Douglas F. Eggli, M.D.  
Associate Professor of Radiology  
Chief, Division of Nuclear Medicine, Pediatric Nuclear Medicine

Department of Radiology, H066 (717) 531-8940  
The Milton S. Hershey Medical Center (717) 531-8036  
P.O. Box 850 FAX: (717) 531-5596  
Hershey, PA 17033-0850 deggli@psu.edu

PENNSTATE



The Milton S. Hershey Medical Center  
The College of Medicine

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

10/6/2006, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment 07-28154-01 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 139531.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.