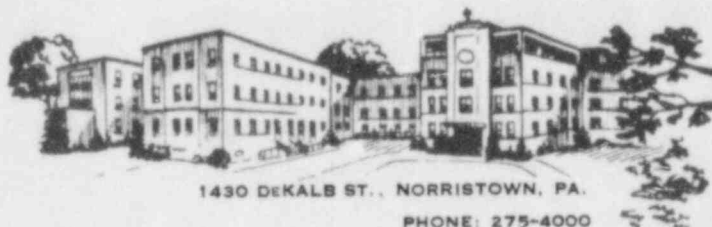


# SACRED HEART HOSPITAL



1430 DeKALB ST., NORRISTOWN, PA.

PHONE: 275-4000

April 11, 1985

JOHN E. GLENN, Ph.D., Chief  
Nuclear Materials Safety Section B  
Division of Radiation Safety  
and Safeguards  
USNRC, Region 1  
631 Park Avenue  
King of Prussia, Pa. 19406

MS 18  
P3

License No. 37-01563-03  
Docket No. 030-02989  
Control No. 02771

SUBJECT: Your letter dated April 9, 1985 and our telephone conversation  
on 11 April 85

Dear Dr. Glenn:

As per your conversation with our radiation safety officer, Dr. Rorick,  
I enclose herewith the documentation of training and experience for  
Dr. Severin Teufel.

As we discussed, please renew our license with Dr. Teufel's name added.  
We will continue to endeavor to obtain training and experienced  
documents for Dr. Weiss and add him to the license at a later time.

Sincerely,

Arthur C. Godin  
Administrator  
Sacred Heart Hospital  
1430 DeKalb Street  
Norristown, Pa. 19401

8505290423 850508  
REG1 LIC30  
37-01563-03 PDR

02771  
"OFFICIAL RECORD COPY"

ML10

A NOT FOR PROFIT COMMUNITY HOSPITAL OWNED AND OPERATED BY  
THE MISSIONARY SISTERS OF THE MOST SACRED HEART OF JESUS



APR 16 1985

37-2989

RECEIVED-REGION 1  
16 APR 1985 PM 2:20

(7-77)  
10 CFR 30

## 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. APPLICANT PHYSICIAN'S NAME AND ADDRESS

## FULL NAME

Severin Teufel, M.D.

## STREET ADDRESS

815 Parkes Run Lane  
Villanova, Pa. 19085

## CITY

## STATE

## ZIP CODE

## KEY TO COLUMN C

## PERSONAL PARTICIPATION SHOULD CONSIST OF:

1-Supervised examination of patients to determine the suitability for radioisotope 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.

## 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
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION		Also see additional information on attached sheets.
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME	>100	
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES		
	IN VITRO STUDIES	>1000	
OTHER			
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION		
Sr-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY		
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES		
OTHER			
Tc-99m	BRAIN IMAGING		
	CARDIAC IMAGING		
	THYROID IMAGING		
	SALIVARY GLAND IMAGING		
	BLOOD POOL IMAGING		
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING		
	LUNG IMAGING		
	BONE IMAGING		
OTHER			

7-77  
10 CFR 30

# TRAINING AND EXPERIENCE AUTHORIZED USER OR RADIATION PROTECTION OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION PROTECTION OFFICER

Severin Teufel, M.D.

2. STATE OR TERRITORY IN WHICH LICENSED TO PRACTICE MEDICINE

Penna.

## 3. CERTIFICATION

SPECIALITY BOARD A	CATEGORY B	MONTH AND YEAR CERTIFIED C
1. American Board of Pathology: "Clinical Pathology"		May 1968
2. American Board of Pathology: "Anatomic Pathology"		May 1969
3. American Board of Pathology: "Hematology"		January 1972
4. American Board of Pathology: "Blood Bank"		January 1973

## 4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	Bionucleonics: I & II Nuclear Theory & Practice: See attached sheet	24 Hrs.	
j. RADIATION PROTECTION	Bionucleonics: II Radioisotope Practice and Technique		36 Hrs.
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Same as above	"	"
d. RADIATION BIOLOGY	Same as above	"	"
e. RADIOPHARMACEUTICAL CHEMISTRY	Same as above	"	"

## EXPERIENCE IN ISOTOPE METHODOLOGY DURING THE PAST TWELVE YEARS

### IN VIVO:

1. Schilling Test -  $\text{Co}^{57}$  - Cyanocobalamin
2. RBC Survival -  $\text{Cr}^{51}$
3. Blood Volume -  $\text{I}^{125}$

### IN VITRO:

1.  $\text{T}_3$  -  $\text{I}^{125}$
2.  $\text{T}_4$  -  $\text{I}^{125}$
3. TSH -  $\text{I}^{125}$
4. Serum Folate -  $\text{I}^{125}$
5.  $\text{B}_{12}$  -  $\text{Co}^{57}$  - Cyanocobalamin
6. Digoxin -  $\text{I}^{125}$
7. Dilantin -  $\text{I}^{125}$
8. Gentamycin -  $\text{I}^{125}$

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

Fall 1966

Graduate course "Isotope Methodology" Bionucleonics: I & II  
Sponsored by Department of Biochemistry and The Atomic Energy Commission.  
Twelve-week course with two hours of lectures per week with three hours  
of laboratory per week. See attached sheets for additional information.

The course content followed textbook: "Radioactive Isotopes in Medicine  
and Biology", Quimby and Feitelberg (Lea & Febiger) 1965.

## **Bionucleonics Courses**

The Graduate School of the Basic Medical Sciences of Hahnemann Medical College will offer two courses of instruction in the theory and use of radioisotopes, in the evening starting September 15, 1966. The courses are graduate level. Principal pre-requisites for admission are a Bachelor's or an advanced degree. Only in special cases can undergraduate students be accommodated, provided they have permission and recommendation from their advisors. These courses are designed for technical and professional personnel in the biological areas of investigation, research and development, and are designed to meet minimal training requirements for A.E.C. licensing.

### **Courses**

#### **BIONUCLEONICS: I**

##### **Elementary Nuclear Theory and Practice**

This is a concentrated 12 week course, meeting one day per week with 2 hour lectures including selected training films. Course deals with basic nuclear composition, properties of emissions, theory and practice of measurements, basic health physics, irradiation phenomenon, elementary dosimetry, nuclear spectrometry.

#### **BIONUCLEONICS: II**

##### **Basic Radioisotope Practice and Technique**

This is a laboratory course involving operation and calibration of radiometric instrumentation, statistics, decay and dosimetry calculations, chemical and biological techniques, sample preparation, nuclear spectrometry and liquid scintillation counting. In brief, it covers all basic isotope procedures useful in chemical, biological research and clinical laboratories.

### **Notification**

Candidates for the courses should register on or before September 15, 1966. Lectures are held each Thursday evening starting at 6:30 P. M. in classroom "B", first floor of the college building. The laboratory is held each Monday evening starting at 6:00 P. M. in the Dept. of Biological Chemistry, third floor of the college building. Both courses may be taken together or individually, Bionucleonics I being the pre-requisite or parallel to Bionucleonics II.

Tuitions: Bionucleonics I \$75.00, Bionucleonics II \$100.00 — Payable within the first two weeks after the courses begin.

Correspondence should be addressed to the Dept. of Biological Chemistry, Hahnemann Medical College, 235 North Fifteenth Street, Philadelphia 2, Pa.

Physicians may apply for these basic courses as a preliminary to training in the clinical application of radioisotopes, under the supervision of the Radiology Dept., Hahnemann Medical College and Hospital.

PLEASE POST



The Hahnemann Medical College and Hospital  
OF PHILADELPHIA

This Certifies that

Severin Teufel, M.D.

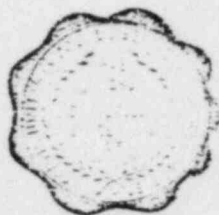
has satisfactorily completed the Graduate Course  
of instruction in

Isotope Methodology

Dated at Philadelphia

Jan. 15, 1967

William F. Kelow, M.D.  
Dean of the College



By John Boyd  
Chairman, Dept. of Biological Chemistry