

**JOSE NOEL DE LEON M. D.**

OFTALMOLOGO

RECEIVED

1541

GEORGETTI 86 - ALTOS  
RIO PIEDRAS, P. R. 00925

my  
TELS. OFIC. 767-9873  
RES 789-8803

San Juan, P.R.

July 9, 1980

Mr. Joseph DelMedico  
Material Licensing Branch  
Division of Fuel Cycle and Material Safety  
US Nuclear Regulatory Commission  
Washington, D.C. 20555

Re: ECMLB: JD  
030-17134  
(01821)

Dear Mr. DelMedico:

This is in reference to your letters dated January 3, 1980 and June 27, 1980 respectively.

In support of my license application, the following information is submitted as per your request.

1. Item 2. - An agreement has been made with the Division of Physics and Radiobiology of the Radiological Sciences Department of the UPR-Medical Sciences Campus, NRC License Nos. 52-01946-07 and 52-01946-08 (Please see enclosures).
2. Item 3. - The layout diagram of the office facilities describes the location where the source will be stored. For security purposes, the Sr-90 Ophthalmic Applicator will be stored in a keyed cabinet located inside the closet of the Treatment Room. Keys will be kept on hand by doctor Jose Noel De Leon at his desk in the Examining Room (please see layout diagram).
3. Item 5b (2). - The enclosed Certification supplements the information sent previously in relation with training on Form NRC-313M Supplement A. This refresher course updated the training on Basic Radioisotopes Handling Techniques taken at the School of Medicine University of Madrid, Spain, from September 1959 to June 1960.

COPIES SENT TO OFF. OF  
INSPECTION AND ENFORCEMENT

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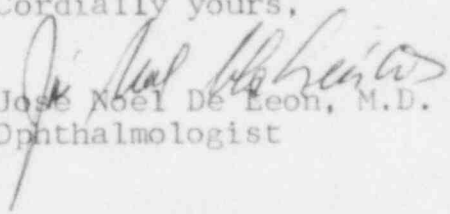
-2-

In addition to the safety procedures submitted in Item 20 of the Form NRC-313M page 2, I inform that every six months Leak Test Services will be performed by Mr. Santiago Gomez Figueroa, Radiation Protection Officer of the UPR-Medical Sciences Campus, NRC-License No. 52-01946-08.

Hope that the above information will help in the review of the application.

I remain,

Cordially yours,

  
Jose Noel De Leon, M.D.  
Ophthalmologist

Address:

Jose Noel De Leon, M.D.  
86 Georgetti Street  
Rio Piedras, Puerto Rico 00925

Enclosures:

1. Letter to Dr. Heriberto Torres
2. Certification by Santiago Gomez, RPO
3. Copy of the training on Form NRC-313M Supplement A
4. Office Facilities Layout Diagram
5. Letter from Dr. Heriberto Torres

JOSE NOEL DE LEON M.D.

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GEORGETTI 86-ALTOS  
RIO PIEDRAS, P.R. 00925

TELS. OFIC. 767-9873  
RES 789-8803

San Juan, P.R.

June 10, 1980

Dr. Heriberto Torres Ph. D.  
Division of Physics and Radiobiology  
Department of Radiological Sciences  
UPR-Medical Sciences Campus

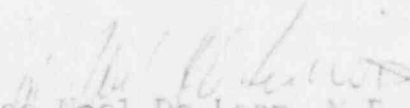
Dear doctor Torres:

The U.S. Nuclear Regulatory Commission is requesting the access for properly calibrated Geiger-Muller type dose rate survey meter, to continue reviewing my application for a Strontium-90 ophthalmic applicator user license.

I understand that your Division is equipped with such kind of instruments and facilities available for proper calibration of radiation survey meters. I would greatly appreciate if your Division offers such services in order to have a better radiation protection in the use and handling of the Sr-90 sealed source and at the same time to comply with the NRC Regulations.

Thanks in advance for the cooperation you may be willing to offer. I remain,

Cordially yours,

  
Jose Noel De Leon, M.D.  
Ophthalmologist



Health Physics Office  
DIVISION DE RADIOLOGIA  
DE DIAGNOSTICO

DEPARTAMENTO DE CIENCIAS RADIOLOGICAS

CERTIFICATIONTO WHOM IT MAY CONCERN


This is to certify that starting May 5, until May 23, 1980  
DR. JOSE N. DE LEON, M.D. Professor Ad-Honorem of the UPR-Medical  
School Department of Ophthalmology, took a refresher course on Basic  
Radioisotopes Handling Techniques under my immediate supervision as a  
Radiation Protection Officer and chief of the Health Physics Office of the  
Department of Radiological Sciences.

The twenty six hours course was split in three parts as follows:

- a) eight hours lecture and discussion sessions
- b) twelve hours of assigned reading as home work
- c) six hours laboratory work

Topics of the refresher course: Radiation physics and instrumentation, Beta  
radiation interaction with matter, Exposure and radioactive contamination  
evaluation, Biological effects of radiation, Mathematics applied to the use  
and measurement of radioactivity, Laws and regulations, Security against  
loss or theft of radioactive materials, Safety procedures in case of sealed  
sources leakage, and Leak testing procedures.

SIGNED

  
Santiago Gomez Figueroa  
Radiation Protection Officer  
University of Puerto Rico (UPR)-  
Medical Sciences Campus

DATE

6/24/80

TRAINING AND EXPERIENCE  
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Jose Noel De Leon, M. D.

2. STATE OR TERRITORY IN  
WHICH LICENSED TO  
PRACTICE MEDICINE

Puerto Rico; Ohio

3. CERTIFICATION

SPECIALTY BOARD  
A

CATEGORY  
B

MONTH AND YEAR CERTIFIED  
C

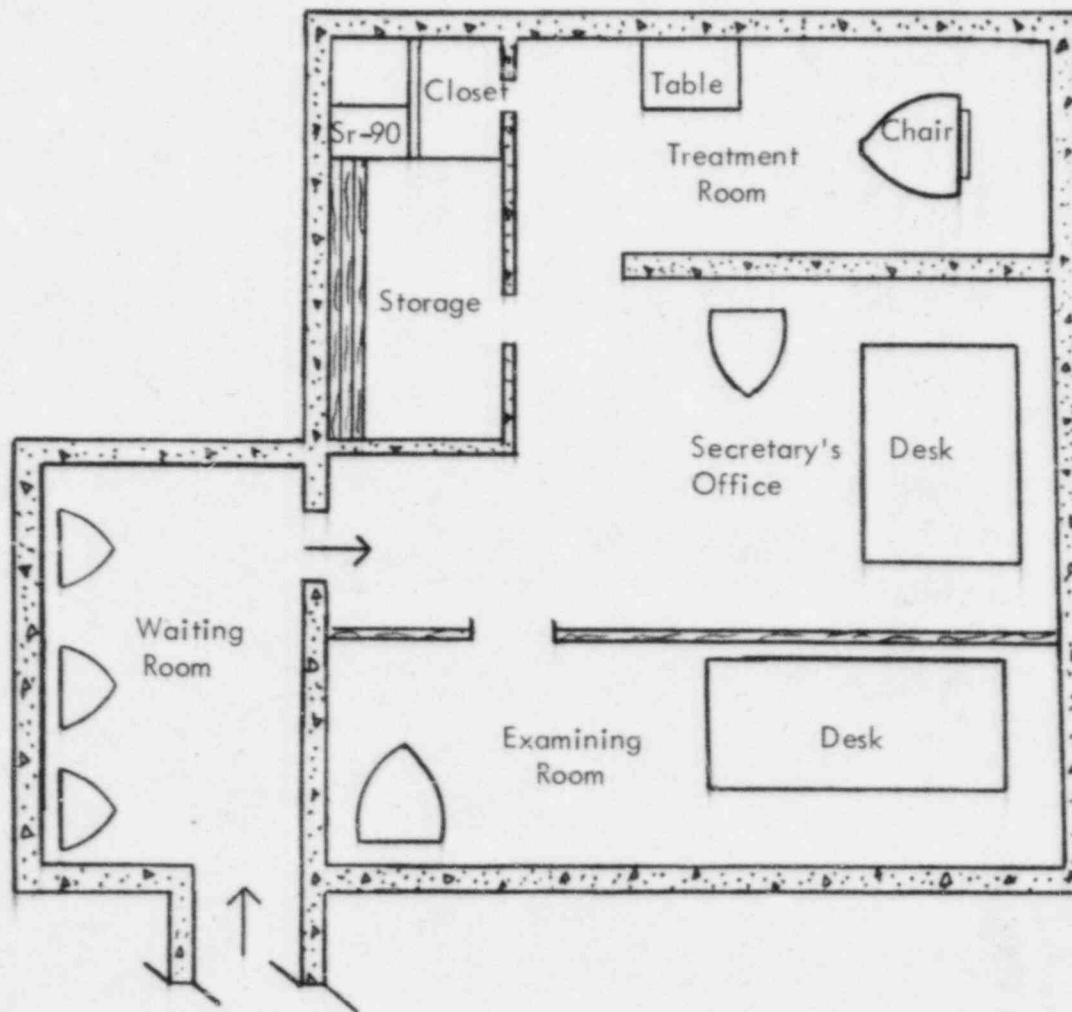
4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

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	School of Medicine-Univ.of Madrid,Madrid,Spain. Sept.1959-June 1960. Radiation Physics Course	10 hours	2 hrs.
b. RADIATION PROTECTION	School of Medicine.Univ.of Madrid,Madrid,Spain. Sept.1959-June 1960. Therapeutic Radiation Course	4 "	4 "
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	School of Medicine-Univ.of Madrid,Madrid, Spain. Sept.1959-June 1960. Therapeutic Radiation Course	6 "	2 "
d. RADIATION BIOLOGY	School of Medicine,Univ.of Madrid, Madrid, Spain Sept.1959-June 1960. Therapeutic Radiation Course.	8 "	
e. RADIOPHARMACEUTICAL CHEMISTRY			

5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE

DR. JOSE N. DE LEON OFFICE  
FACILITIES LAYOUT DIAGRAM



LEGEND:

Wood

Concrete



DIVISION DE RADIOLOGIA  
DE DIAGNOSTICO

DEPARTAMENTO DE CIENCIAS RADIOLOGICAS

San Juan, June 20, 1980

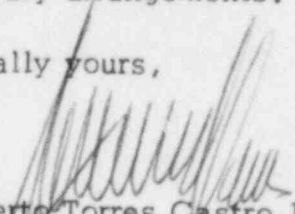
Dr. José N. De Leon, M.D.  
86 Georgetti Street  
Río Piedras, Puerto Rico 00925

Dear doctor De Leon:

In response to your letter dated June 10, 1980 I am pleased to inform you that the Division under my supervision is willing to render the Health Physics Services you are requesting for. The radiation survey instruments and calibration facilities are located at the Health Physics Laboratory (HPL), Room 179 of the Biomedical Building.

In case of emergency you can call directly to the HPL, Telephone 767-0396 but for routine Health Physics Services please call me first (Telephone 753-5262) to make the necessary arrangements.

Cordially yours,

  
Heriberto Torres Castro, Director  
Physics and Radiobiology Division  
UPR-Medical Sciences Campus

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