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833-7515  
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Luis A. Vázquez, M.D.  
Ophthalmologist  
P. O. Box 50  
Mayagüez, Puerto Rico 00709

May 1, 1986

U.S. Nuclear Regulatory Commission  
Nuclear Materials Safety Section  
Region 11  
101 Marietta Street N.W.  
Atlanta Georgia 30303

U.S. N.R.C.  
LIC. FEE HIGHT BRANCH

86 MAY 16 09:19

RECEIVED

MAY 13 10:35

Recc: Licence Renewal  
Lic. # 52-16660-02

Gentlemen:

Enclosed you will find a licence renewal application. The following items corresponds to N.R.C. Form 313 M, for detailed description.

ITEMS 7. Isotope Committee.

This item is not applicable to private office.

ITEMS 8 . Training and Experience:

All pertinent data about training has been submitted when new licence application was considered.

ITEMS 9: Instrumentation :

Beta Therapy Source NB-1- 100 mCi.

ITEMS 10: All Calibrations performed by a Physicist Consultant Mr. Daniel Torres, M.S. Lic. 52-18306.

His procedures are accepted by the N.R.C.

License Fee Information  
on Page 3.

ITEMS 11: Facilities:

This is a typical ophthalmologist private office. The instrument is kept in a locked cabinet ( location previously checked by N.R.C. inspectors) and there is no other personnel involved in the manipulation of the source. When a post-operative treatment is required the patient comes to my office and in a very short period of time the whole procedure is completed. The applicator is returned to the safety box after proper cleaning and steri-

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lization .

ITEM 12 : Personnel Training:

No other personnel is involved in the manipulation of the Sr.-90 applicator. The only person in the room during treatment are the patient an the doctor in charge.

ITEM 13: Not applicable

ITEM 14: Not applicable

ITEM 15: General Safety Rules.

The Sr. 90-applicator is calibrated every six months as well as leak tested by the consultant Mr. Daniel Torres -Physicist. If the applicator is found with leak it will be returned to the manufacturer for exchange. During treatment the source is always used with the Beta shield in place and pointing toward no occupied area.. After treatment the instrument and masks are sterilized by immersion in 70 percent alcohol for two hours, and returned masks to the locked cabinet.

ITEM 16: Emergency Procedure:

The only emergency considered is lost of the applicator. If the applicator is stolen , notice to police and Civil Defense are standard procedure. Also notification to Federal agencies like the N.R.C. . There is very unlikely that this instrument can be stolen due to the place it is maintain and the locks to be open in order to find it.

In case of fire in the building , since the instrument is in metal cabinet and inside the safety box provided by the manufacturer we do not consider a safety hazard exist.

ITEM 20: Therapeutic use of Sealed Source:

Source shall never be pointed toward personnel . Radiations levels around treatment chair are kept as minimum as possible.

At the conclusion of treatment , applicator is clean and returned to the safety instrument box. Finger badges will be used during treatment period.

The A.L. A. concept is consider by the private user. The services of a private physicts to recommended safety rules to avoid exposure is a commitment of this licensed. The authorized user will consult with, and receive the approval of the physicist before doing any change in procedures or changing this arrangement of the office.

The authorized user will ensure that no exposure is received by personnel under his supervision . Exposure records will be maintain.

Please evaluate this renewal application and if additional information is needed contact me by phone number : ( 809) 833- 7515.

Thanks in advance for your prompt attention to this matter.

Sincerely yours,

Luis A. Vázquez, M.D.

LAV/jd

Log	May 5 <sup>th</sup>
Remitter	
Check No.	15981
Amount	\$ 550   check returned for signature / signed 6/16/86
Fee Category	7C
Type of Fee	Renewal
Date Check Rec'd.	5/16/86
Date Completed	6/16/86
By:	Russin

## PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313M. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S)** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30-36 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES** The information may be used: (a) to provide records to State health departments for their information and use; and (b) to provide information to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for a NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you. A copy of the license issued will routinely be placed in the NRC's Public Document Room, 1717 H Street, N.W., Washington, D.C.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed.
5. **SYSTEM MANAGER(S) AND ADDRESS** Director, Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.

**24. PERSONNEL MONITORING DEVICES**

TYPE <i>(Check appropriate box)</i>		SUPPLIER	EXCHANGE FREQUENCY
a. WHOLE BODY	FILM		
	TLD		
	OTHER <i>(Specify)</i>		
b. FINGER	FILM		
	TLD	Landauer Co.	monthly
	OTHER <i>(Specify)</i>		
c. WRIST	FILM		
	TLD		
	OTHER <i>(Specify)</i>		

d. OTHER *(Specify)*

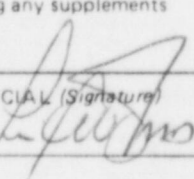
**25. FOR PRIVATE PRACTICE APPLICANTS ONLY**

a. HOSPITAL AGREEING TO ACCEPT PATIENTS CONTAINING RADIOACTIVE MATERIAL			
NAME OF HOSPITAL		b. ATTACH A COPY OF THE AGREEMENT LETTER SIGNED BY THE HOSPITAL ADMINISTRATOR.	
MAILING ADDRESS		c. WHEN REQUESTING THERAPY PROCEDURES, ATTACH A COPY OF RADIATION SAFETY PRECAUTIONS TO BE TAKEN AND LIST AVAILABLE RADIATION DETECTION INSTRUMENTS.	
CITY	STATE	ZIP CODE	

**26. CERTIFICATE**

*(This item must be completed by applicant)*

The applicant and any official executing this certificate on behalf of the applicant named in Item 1a certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, Parts 30 and 35, and that all information contained herein, including any supplements attached hereto, is true and correct to the best of our knowledge and belief.

a. LICENSE FEE REQUIRED <i>(See Section 170.31, 10 CFR 170)</i>	b. APPLICANT OR CERTIFYING OFFICIAL <i>(Signature)</i> LUIS A. VAZQUEZ, M.D. 
	(1) NAME <i>(Type of Print)</i> OPHTHALMOLOGIST
(1) LICENSE FEE CATEGORY Private office	(2) TITLE
(2) LICENSE FEE ENCLOSED: \$ 580.00	c. DATE