

DRSS

José Noel De León, M.D.

OFTALMOLOGO

GEORGETTI #86
RIO PIEDRAS, P.R. 00925

TEL. 767-9873

San Juan, July 26, 1985

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P2:02
LIC. FEE

U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W. - Suite 2900
Atlanta, Georgia, 30303

Ref: Renewal Lic. No. 52-19206-01
Program Code: 02200

Dear Sirs:

In answer to your Notice of Expiration dated May 8, 1985 I am hereby requesting Renewal of my Lic. No. 52-19206-01 for the use of radioactive materials in humans.

In support of this request, please find enclosed the document Review of the Current License and Radiation Protection Program and the proper fee (\$580.00) for the renewal of a License Category 7C as stated in 10 CFR-170.31

Hoping to complete all the information required for the Renewal of my License, I remain

Sincerely yours

José N. De León
José N. De León, M.D.

Enclosures: Document on Review of the Current License and Radiation Protection Program.
Check for \$580.00

U.S. N.R.C.
AUG-9

Aug 1 - II

Applicant	
License No.	3899
Amount of Fee	Category 7C \$580
Type of Fee	Renewal
Date when Rec'd.	8/19/85
Received By	Jacques

50677 8/2/85
file'd

Official Copy

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REG2 LIC30
52-19206-01 PDR

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REVIEW
of
CURRENT LICENSE AND RADIATION PROTECTION PROGRAM

Ref: Renewal Lic.No.52-19206-01

Program Code: 02200

Notice of Expiration dated 05/08/85

1. Current License Review:

- A. Items 1 through 9 of the License remain unchanged, except:
 - a) Sealed source (Isotope Products Labs. - Model No.BF90TI-150) has been changed for:Nuclear Associates Inc. - Model 67-850 - Serial No.D-415 - Act.125 mCi(8-1980)
 - b) Radioactive material will be transported to and used in the alternate location, i.e. Ryder Memorial Hosp. - No.52-21026-01 - Humacao, P.R.
- B. Concerning personnel, Mr.Santiago Gomez (NRC Lic.No.52-17420-01) works as Radiation Physics Consultant and performs the Sr-90 sealed source leak test and radiation survey every six months.
- C. Facilities and equipment are the same and the access to a properly calibrated G.M. Survey Meter has been arranged with my radiation physics consultant.

2. Review of the Application documents:Dated 10-3-79 / 7-9-80
9-5-83 / 11-30-83

Information provided in those documents is up-to-date and represents my current radiation protection program as following:

A. Use of the Applicator:

- a) The Beta Eye Applicator can only be handled by the authorized user when treatments are performed or by the radiation physics consultant when leak testing procedures are being made.
- b) During treatments,paramedical personnel stay away from the source in such a manner that the total dose received by any one of those employees shall not exceed the maximum permissible dose for the general public.

B. Rules for safely handling a Sr-90 Eye Applicator (Please see Annex I)

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Review of Current License and Radiation Protection Program.....continued

- C. The use of the Sr-90 Eye Applicator in the alternate location as well as the safety procedures for transportation will continue as described in document dated 11-30-83
- D. Waste Disposal: It is not foreseen any waste disposal in the use and handling a Sr-90 Eye Applicator, but in the event of a serious damage of the Applicator, the final disposal will be performed by the manufacturer, i.e. Nuclear Associates Inc., or any other NRC Licensee specifically approved to handle and/or dispose this source.

3. Review of NRC regulations:

Recently concern of the NRC (IE Information Notice No.84-43, 6/7/84) about "Brems" radiation levels around the Sr-90 Eye Applicators, has been discussed with my radiation physics consultant. Instantaneous readings are being taken at the time of leak testing procedures and the radiation levels recorded at the nearest accesible position to the storage cabinet show no radiation hazard for the Office personnel and general public.

4. Please see enclosed letter requesting renewal of my License as well as the appropriate fee.
5. No additional authorizations and changes are requested.
6. Person to be contacted in regard with this Renewal Application:

Jose N. De Leon, M.D. - Tel. (809) 767-9873

Signed:

[Signature]
Jose N. De Leon, M.D.

Date:

7/26/85

B. Rules for safely handling a Sr-90 Eye Applicator

(Ref.: Enclosure 2 - Information to be submitted when requesting possession and use of Sr-90 as Ophthalmic Applicator)

- a) Wear your personal dosimeter (s) if available whenever you handle the Sr-90 Eye Applicator.
- b) Remove the Sr-90 Eye Applicator from its secured storage location just before use. Do not leave it out any longer than necessary.
- c) After removing the Applicator from its storage location:
 - i. Do not touch the treatment end of the Applicator with your hands or other portion of your body.
 - ii. Always hold the Applicator by its handle.
 - iii. Except during the patient treatment, do not point the treatment end of the Applicator toward another person, especially toward the eyes.
- d) When the Applicator is to be sterilized, place on a flat surface, use a cotton swab, sponge or gauze dampened with a sterilizing agent, then wipe the treatment end of the Applicator across the swab, sponge or gauze. Do not sterilize by holding the swab or gauze in your hand.
- e) During treatment, hold the patient's eye lids open with tape or other device, not with your fingers,
- f) Immediately after treatment and/or resterilization, return the Sr-90 Eye Applicator to its storage container and to its secured location i.e. the keyed cabinet.

- g) Do not remove any metal or plastic inserts from the manufacturer-supplied storage container. These items are generally a part of the container's shielding. Removal of these items can lead to excessive and unnecessary radiation exposures.
- h) In event of apparent or probable damage to the source it shall immediately be placed into the storage container. The storage container shall be wrapped or placed into a plastic bag and secured. The cognizant radiation protection officer, regulatory agency, or the radiation physics consultant shall be contacted immediately for consultation and action.