

E. WRIGHT
RLS

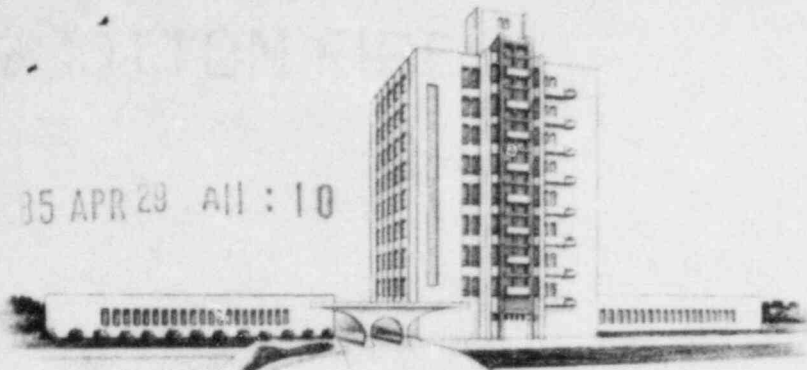
HOSPITAL DAMAS

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PONCE, PUERTO RICO 00731

TELEPHONE [REDACTED]

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April 18, 1985

Mr. Earl G. Wright
Senior License Reviewer
Nuclear Materials Safety Section
Nuclear Regulatory Commission
Region II
101 Marietta Street, NW
Atlanta, GA 30323

RE: 50363; 030-03521

Gentlemen:

RECEIVED BY LFMD	
Date...	5/3/85
Leg...	Apr 8 II
By...	Brown
Orig To...	
Action Comp...	5/9/85

We have received your license renewal, with limitations pertaining to use of Iodine-131. Our consultant Mr. Daniel Torres explained to me about the telephone conversation you had with him pertaining the use of Iodine-131 in our Laboratory.

The following information is submitted for your consideration in order to clarify our situation and make possible the use of liquid Iodine-131:

- The Nuclear Medicine Laboratory has a fume hood. The hood was checked by Mr. Robert Brown during his last visit on January 22, 1985.
- Therapeutic doses of Iodine-131 are ordered for each patient to be treated. The proposed dose is calibrated by the supplier. Each calibrated dose is taken to the patient room in the same shielded vial supplied. Using gloves and plastic straw, the patient drinks all the dose under the supervision of the physician and members of the Laboratory Staff. The vial is wash-out with water added to the vial in order to eliminate the maximum amount of residual Iodine-131. After this procedure measurements are made in the room to establish a safety zone for nurses and limited visits. Markings with radiation warning tape is placed in the floor to indicate area of radiation limits below 2 mR/hr.

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52-10270-01 PDR

FEE EXEMPT

Continuation
of previous
request (50363)

4/29/85
RWS

Official Copy

Mr. Earl G. Wright

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- C. The Nursing Staff as well as Laboratory Personnel follow the procedures establish in Appendix K of Regulatory Guide 10.8.
- D. Our Laboratory Personnel maintain records of thyroid gland measurements routinely taken.
- E. During last year 1984, only six therapeutic doses for thyroid carcinoma were given. Also sixteen cases of hyperthyroidism were treated.

The health and safety of employees and visitors to our Hospital is always a priority to us. During your many safety evaluations of our Laboratory activities, compliance with all pertinent regulatory guides was verified.

Thanks in advance for your attention to our request.

Sincerely yours,


Tomás Martínez, MSHA
Administrator

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