

NO ESTAMOS AFILIADOS
AL FONDO UNIDO.



LIGA PUERTORRIQUEÑA
CONTRA EL CÁNCER

HOSPITAL ONCOLOGICO
I. GONZALEZ MARTINEZ
CENTRO MEDICO
RIO PIEDRAS, PUERTO RICO 00935
TELEFONO 763-4149
BOX 191811
SAN JUAN, P.R. 00919-1811

December 22, 1993

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

RE: Docket #030-03532; 030-14696
Lic. #52-13471-01; 52-13471-02

Subject: Reply to a Notice of Violation (NRC Inspection Report
52-13471-01/9301 and 52-13471-02/93-01)

Dear Sir:

Enclosed find the reply to the notice of violation of the inspection conducted by Mr. Jay Henson. Immediately correction action was taken right after the inspection.

The compliance will be effective on November 19, 1993. Our staff evaluated and redesigned the forms so no further violations will occur. Our main goal is to comply with the requirements of the 10 CFR Part 20.

Thanks for your recommendations.

Cordially yours,

María D. Colón
Controller

MC/MR/hirf

Enclosure: Reply to a Notice of Violation

cf. Regional Administrator
U.S. Nuclear Regulatory Commission
Region II

* This letter is signed by Ms. María D. Colón, Controller as Mrs. Celia Molano, Executive Director is on vacations.

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REPLY TO A NOTICE OF VIOLATION

Dr. I. González Martínez
Oncologic Hospital
Río Piedras, PR

Docket #030-03532; 030-14696
License #52-13471-01;
52-13471-02

I. Violation under License No. 52-13471-01

The licensee will not allowed th creation of radiation levels on the hospital terrace an hallway. If this occurs, the patient will be removed to a restricted area designated for this type of patients (Room 206). If the levels still exceed the permissible ones, the area will be converted to a restricted area while the patient is in treatment.

II. Violations under License No. 52-13471-02
Violation to CFR 35.615 (d) (2)

A. On November 18, 1993, the same day of inspection, the back up power supply system of the radiation monitor of the Theratron 80 unit was checked by one of the technician, it was in perfect conditions. When one of the inspectors checked it the power supply was not working. Immediately the biomedic department checked and find that the fuse was damage. The biomedic repaired it at the moment.

On November 22, 1993 the repair order was send by Fax to Mr. José Díaz for his concern.

B. Violation to 10CFR 35.615 (d) (3)

The permanent radiation monitors on both teletherapy units (Theratron 80 and El Dorado 8) since November 18, 1993 is checked daily with a dedicated check source for proper operation before the teletherapy units is used for treatment of patient. The daily check form was redesigned to include the daily check of the radiation monitors.

C. Violation to 10CFR 35.59 (b) (2)

The two teletherapy sealed sources will be test for leakage at intervals not to exceed six months. To avoid this a form for the monthly checks was designed in order than on the months of June and December includes the leaktest. The monthly checks are done on the 16th of each month.

D. Violation to 10CFR 35.632 (b) (3)

On the full calibration measurements of the Theratron 80 unit will include determination of the uniformity of the radiation field and its dependence on the orientation of the useful beam. This cannot be performed on the El Dorado 8 because this unit does not rotate. The measurements will be taken at different angles to verify that the output is constant at different positions.