



MAYAGUEZ MEDICAL CENTER
DEPARTMENT OF HEALTH
MAYAGUEZ, PUERTO RICO

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April 20, 1993

U.S. Nuclear Regulatory Commission
Region II, Regional Administrator
101 Marietta Street, N.W.
Atlanta, Georgia 30323

Docket Nos. 030-00571 and 030-19502
License No. 52-13598-01-03

Gentlemen:

Subject: Supplemental response to "Notice of Violation"

The following is the Mayaguez Medical Center response to your March 30, 1993 request for supplemental information to the "Reply to a Notice of Violation" dated March 2, 1993.

Each of the items addressed pertains to the, "Action required of licensee" as requested.

Item I-A-2.a

The following corrective actions will be taken to prevent deviations from the regulatory Guide stipulations:

1. Survey meter will be considered calibrated if the difference between reading and calculated exposure rate is within $\pm 10\%$. Otherwise instrument will be removed from use and considered for repair or replacement.
2. The instrument's calibration adjustments or potentiometer will be used for all scales corrections.
3. More than one instrument with the same capabilities will be available.
4. A new survey meter make-Ludlum, model 14C is available now to replace the TBM-3 model. The TBM-3 model will be used only to detect contamination on the working areas.

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Item I-A-2.b

At present time arrangements are under way to consider the use of the calibration facilities available at the School of Medicine in San Juan to perform those calibration checks unable to do at our Institution.

In the event the calibration of any instrument can not be made in Puerto Rico a private commercial service in the U. S. will be used.

The corrective actions mentioned for I-A-2.a above are valid here also.

Item II-C

We admit that there is an error in our response of March 2, 1993. The second sentence of the first paragraph in II-C should have read as follows:

"Records showed an OK for constancy all linearity, but the calculated data for the on-off error was not documented".

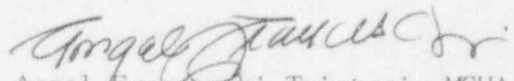
Our new response is as follows. We partially admit the violation as stated. The assessment of timer constancy and linearity was covered and documented when it was indicated that the "Timer" was checked with a cronometer or stop watch and it was OK. The data for the on-off error was missing.

The following corrective actions have been taken. The constancy, linearity and on-off error are documented individually with data information anotated, written down in order to be verify. At present time we are in compliance as verified by Mr. Héctor Bermúdez from your office during his inspection in March 18-19, 1993 where no violation was found.

At present time our Theletherapy Physicist can dedicate all his part-time job to the Radiation Oncology Section. All other Radiation Safety duties are assigned to Mrs. Alison De Hoyos a new employee in our Hospital.

We hope this supplemental response complies with your request made on March 30, 1993.

Sincerely,



Angel Franceschi Tristani, MSHA
Executive Director