

**INSTITUTO
OFTÁLMICO
de PUERTO RICO
MAYAGÜEZ**



EST. 1975
Unidad Dr. Luis A. Vázquez

March 13, 1997

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta St., N.W.
Suit 2900
Atlanta, Ga. 30323-0199

Updated/Revised Report (Order Modifying License)

License Name
José L. Fernández, MD

License No.
52-25114-01

Description of the event

Pterygium patients were treated with a Sr-90 source incorrectly calibrated as 24c Gy per second while the actual dose rate was 53c Gy per second as reported by the manufacturer. These patients received a therapy dose of more than 20% higher than the prescribed resulting in a misadministration pursuant to 10 CFR 35.33 (2)(ii).

Updated Report

In this report all those misadministration patients not already notified to NRC will be presented. In the first written report pursuant to 10CFR35.33 (a) (2), seventy one (71) patients were notified to NRC by telephone and by mail. During an NRC visit on April 8-10., 1996 another group of sixteen (16) patients were discovered and we identified here another group of seventeen (17) patients during the period of January 1994 through October 1994. A total of 104 misadministration patients have already been notified to NRC.

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**INSTITUTO
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We continue the search and identified 49 new cases for the whole period of January 1994 through October, 1995. All these cases were identified before the consultant was appointed. All these patients were notified by certified mail, but not by telephone or in person as required by 10CFR35.33 (a)(3). During the period of January 1994 through October 1995 a total of 153 misadministration patients have been identified.

The consultant reviewed all the misadministration records and found them complete and accurate. The records, containing the misadministration calculations and notification by certified mail will be maintained for five (5) years or as long as required in the Mayaguez facility. No unauthorized use of the source occurred between January 1994 and October 1995. By our request the byproduct material license was terminated.

A complete and detailed final report will be submitted shortly as required by the order.

José L. Fernández, MD.

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