

THE MEDICAL CENTER AT PRINCETON

Princeton, New Jersey 08540-3213 • 609-921-7700

June 16, 1990

Mr. Mohamed M. Shanbaky, Chief
Nuclear Materials Safety Section A
Division of Radiation Safety
and Safeguards
United States Nuclear Regulatory
Commission
Region 1
475 Allendale Road
King of Prussia, Pennsylvania 10406

Subject: Routine Inspection No. 90-001

Dear Mr. Shanbaky:

I'm writing in response to your letter of May 14th and the routine inspection conducted at the Medical Center at Princeton on March 23, 1990.

As requested, I would like to provide you with a response and corrective steps to the violations noted during the site visit in the order they were identified:

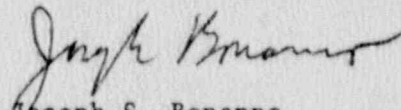
- A. In reference to all future treatments, the Medical Center will be certain that outpatient treatments do not exceed 30.0 millicuries, and patients will not be released from confinement until activity is less than 30 millicuries, or the measured dose at a distance of one meter is less than 5 MR per hour. This protocol has already been instituted.
- B. We are adhering to the procedure in which monthly checks will be made of the xenon trap to assure that its collection system is operating correctly. This has been reviewed with the technologists and implementation of this has already occurred.
- C. It is our routine procedure to perform uptake measurements for the therapists and for the technologists who prepare the I-131 dose 24 hours after administration. There obviously was an oversight that was noted during the visit. We have again reviewed this procedure with the Nuclear Medicine Department and we will perform thyroid uptake measurements on the therapists and technologists who deal with any therapeutic dose of Iodine 131 requiring hospitalization in accordance with the requirements of 10 CFR 35.75.

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In reference to all of the violations above, I would like to indicate that they have been reviewed with all the technologists and the appropriate staff. They were also reviewed at the last meeting of the Radiation Safety Committee. Everyone is aware of the procedures and we will conform with them as indicated above.

On behalf of Doctor Powsner, the Nuclear Medicine Department, and the administration of the Medical Center, we want to thank you for your visit and consultation and express our appreciation for your continued interest in our radiation program.

Sincerely,



Joseph S. Bonanno
Executive Vice President

JSB/do