



Holt

March 1, 1994

Ms. B. J. Holt, Chief
U.S. Nuclear Regulatory Commission, Region III
Nuclear Materials Inspection - Section I
801 Warrenton Road
Lisle, IL 60532-4351

REPLY TO A NOTICE OF VIOLATION

Ball Memorial Hospital
Muncie, IN

License No. 13-00951-04
Docket No. 030-00188

Dear Ms. Holt:

In reply to violation of 10 CFR 20.1302(a) which requires in part, that the licensee make or cause to be made, as appropriate, surveys of radiation levels in unrestricted areas to demonstrate compliance with the dose limits for individual members of the public in 10 CFR 10.1301:

1. The reason for the violation was the planned removal of the unit prior to January, 1994. This plan was delayed due to a delay in getting the new linear accelerator operational. The unit was not used after January 1, 1994. The area surrounding the Cobalt 60 treatment room had been surveyed in June of 1992 after installation of a new source and the results were within limits set at that time.
2. No corrective steps will need to be taken due to the fact the unit will be removed as stated in the letter submitted to the NRC dated February 17, 1994.

In reply to violation of 10 CFR 30.34(c) which requires, in part that each licensee confine its possession and use of byproduct materials to the locations and purposes authorized by the licensee:

1. Ball Memorial Hospital Department of Radiation Oncology was not aware that the irradiation of blood products was not covered by their license.

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BALL MEMORIAL HOSPITAL, INC.
2401 University Ave. • Muncie, IN 47303-3499 • (317) 747-3111 • FAX (317) 747-0137
Member of Voluntary Hospitals of America, Inc.®

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2. No corrective steps will need to be taken due to the fact the unit will be removed as stated in the letter submitted to the NRC dated February 17, 1994.

In reply to violation of 10 CFR 35.615(b)(3) which requires that the licensee equip each entrance to the teletherapy room with an electrical interlock system that will prevent the primary beam of radiation from being turned on following an interlock interruption until all treatment room entrance doors are closed and the beam on-off control is reset at the console, specifically that the interlock system includes a reset button at the console for beam on-off control:

1. Ball Memorial Hospital Department of Radiation Oncology believed the current system was in compliance with the regulation. It was believed the act of turning the ignition key at the console after an interlock interruption was, in fact, resetting the beam on-off control.
2. No corrective steps will need to be taken due to the fact the unit will be removed as stated in the letter submitted to the NRC dated February 17, 1994.

If you have questions or need further information, please contact me.

Cordially,



Mitchell C. Carson
Vice President, Operations

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