

APR 29 1987

Docket: 30-02389/87-01

Deaconess Medical Center of Billings, Inc.
Department of Nuclear Medicine
ATTN: Jerry D. Wolf, M.D.
2813 Ninth Avenue North
Billings, Montana 59103

Gentlemen:

This refers to the special, unannounced inspection conducted by Mr. Lorenzo Wilborn of this office on March 23, 1987, of activities authorized by NRC Byproduct Material License 25-01051-01 and to the discussion of our findings with members of your staff at the conclusion of the inspection. The enclosed NRC Inspection Report 30-02389/87-01 documents this inspection.

One of 72 iridium-192 seeds possessed by Northern Rockies Regional Cancer Treatment Center was not accounted for on December 30, 1986. The most recent use of the seeds had been at the licensee's facility during August 27-29, 1985. This inspection was conducted to examine the activities under the license during August 27-29, 1985, as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The activities involved the transfer of the 72 iridium-192 seeds between the licensee and Northern Rockies Regional Cancer Treatment Center, and the seeds reportedly implanted in a patient on August 27, 1985, and removed and returned to the Northern Rockies Regional Cancer Treatment Center on August 29, 1985. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the NRC inspector.

During this inspection, certain of your activities were found not to be conducted in full compliance with NRC requirements. Consequently, you are required to respond to this matter, in writing, in accordance with the provisions of Section 2.201 of the NRC "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Your response should be based on the specifics contained in the Notice of Violation enclosed with this letter.

The response directed by this letter and accompanying Notice is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

RIV:NMSS
LWilborn
4/22/87

C:NMSS
RJEverett
4/22/87

C:R&SPB
WLFisher
4/26/87

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Deaconess Medical Center
of Billings, Inc.

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Should you have any questions concerning this letter, we will be pleased to discuss them with you.

Sincerely,
Original Signed By:
WILLIAM L. FISHER

William L. Fisher, Chief
Radiological and Safeguards
Programs Branch

Enclosures:

1. Appendix A - Notice of Violation
2. Appendix B - NRC Inspection Report
30-02389/87-01

cc:
Montana Radiation Control Program Director

bcc:
DMB-Original (IE-07)
RDMartin
RLBangart
DAPowers
RJEverett
LWilborn
EFlack, IE

*MIS System
RIV Files (2)
*NMSS
*RSTS Operator
*DWeiss, LFMB (AR-2015)
SLewis, OGC

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