

JUL 2 - 1985

Northwestern Memorial Hospital
ATTN: Mr. John Tighe, Assistant
Vice President Diagnostic Services
250 East Superior Street
Chicago, IL 60611

License No. 12-02501-03 03012705
License No. 12-02501-05 03019847

Gentlemen:

This refers to the routine safety inspection conducted by Ms. T. L. Simmons of this office on June 11-12, 1985, of activities authorized by NRC Byproduct Material Licenses No. 12-02501-03 and No. 12-02501-05 and to the discussion of our findings with you and members of your staff at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

In addition to the above areas, the inspector examined actions described in your letter dated April 22, 1982, regarding apparent items of noncompliance found during our March 23-24, 1982 inspection. We have no further questions regarding these matters.

During this inspection, no items of noncompliance were identified for License No. 12-02501-03; however, for License No. 12-02501-05 certain of your activities appeared to be in noncompliance with NRC requirements, as specified in the enclosed Appendix. A written response is required.

In addition to the violations described in the Appendix, we are concerned that the current method of accounting for iridium-192 brachytherapy sources is inadequate. Specifically, during this inspection four iridium-192 sources were found on the floor of the brachytherapy storage room. The source use log indicated that all iridium had been sent back to the supplier. In your response to this notice please describe what actions you will take to improve your method of inventory control of your Group VI sealed sources.

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Northwestern Memorial Hospital

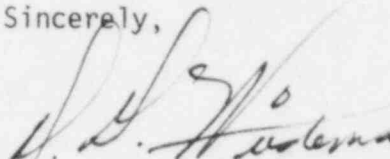
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The responses directed by this letter (and the accompanying Notice) are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,


D. G. Wiedeman, Chief
Nuclear Materials Safety
Section 1

Enclosure: Appendix,
Notice of Violation

cc w/enclosure:
DMB/Document Control Desk (RIDS)

RIII

Simmons/jp
06/27/85

RIII


Wiedeman
7/1/85