

DCD/DCB

MAR 26 1992

Cleveland Clinic Foundation
ATTN: Floyd Loop, M.D.
Chief Executive Officer
9500 Euclid Avenue
Cleveland, OH 44106

License No. 34-00466-01
Docket No. 030-02649

License No. 34-00466-04
Docket No. 030-17931

Dear Dr. Loop:

This refers to the special inspection conducted by S. S. Wagner and W. P. Reichhold of this office on January 28-29, 1992, of activities authorized by Byproduct Materials Licenses No. 34-00466-01 and No. 34-00466-04, and to the discussion of our findings with G. Saha, Ph.D. and T. F. Keys M.D. at the conclusion of the inspection.

The special inspection was conducted in response to a reported brachytherapy misadministration. The enclosed copy of our inspection report identifies the areas examined during the inspection. Within these areas, the inspections consisted of a selective examination of procedures and representative records, facilities tour, observations and interviews with personnel.

No violations of NRC requirements were identified during the course of this inspection, but the following areas concerned the inspectors.

1. The therapy technologists were not sure of the procedure that required them to double verify the physicist's actions when cesium-137 sources were removed from the storage safe.
2. The color(s) on the cesium-137 sources were faded, making it difficult to distinguish the color(s) on the sources.
3. The design of the sealed source storage room makes it difficult for two individuals to see the removal of the cesium-137 sources from the storage safe.

Please send a written response describing your actions to make sure that:

1. Technologists know the procedure that requires them to double verify that physicist's actions when cesium-137 sources are removed from the storage safe for a brachytherapy treatment.
2. The color(s) on the cesium-137 sources are repainted so that they are easy to distinguish. Please note that the faded color(s) on the cesium-137 sources was identified during our May-June 1991 inspection.

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3. The sealed source storage room is designed so that two individuals can see the removal of the cesium-137 sources from the storage safe, or a method so that a individual can double verify that the correct cesium-137 sources were removed.

Please reply to these concerns within 30 days after you receive this letter.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC Public Document Room.

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

Thank you for cooperating with my staff during this inspection.

Sincerely,

W. H. Schultz, Chief
Nuclear Materials Inspection
Section 1

Enclosure: Inspection Reports

No. 030-02649/92001;

No. 303-17931/92001

cc w/enclosure:
DCD/DCB (RIDS)

3/23/92
RIII YCS
MR
Reichhold/jaw

3/24/92
RIII
Wagner

RIII
WBS
Schultz
3-25-92