



September 19, 1990

Mr. George M. McCann, Chief  
Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

RE: License No. 13-11385-01  
Docket No. 030-01650

Dear Mr. McCann,

The following information is in response to your letter dated August 30, 1990 and received September 4, 1990, concerning two level IV violations and a storage safe key.

1.0 License Conditions #14

1.1 Corrective actions that have been taken and the results achieved:

The raw data for the linearity test performed 6/25-28/90 were telephoned to the consulting physicist on 7/25/90. The data were analyzed and discussed with the NRC inspector on 7/25/90, and a copy of the linearity report was FAXed to St. Joseph Hospital the same day. Because the two lowest activity readings were outside the allowable 10% limits (probably due to a background that was not corrected for), the linearity test was repeated over the period 7/30 - 8/2/90. The data were telephoned to the consulting physicist on 8/2/90, the results were analyzed, and the technologist was immediately informed that the results were well within acceptable limits. A written report was subsequently forwarded to St. Joseph Hospital by the consulting physicist and was available when the NRC telephoned the week of 8/13/90 to inquire about the results.

1.2 Corrective actions that will be taken to avoid further violations:

The nuclear medicine technologist will promptly telephone the linearity test raw data to the consulting physicist, at which time the results will be analyzed and reported verbally to the technologist. The consulting physicist will subsequently generate a written report that will include documentation of the analysis and report generation dates.

1.3 Date when full compliance will be achieved:

We are currently in full compliance.

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*The tradition of caring continues.*

2.0 10 CFR 20.105 (b) Radiation Levels in Unrestricted Areas

2.1 Corrective actions that have been taken and the results achieved:

2.1.1 Patient room 498 in the Oncology Unit was remodeled as follows:

- lined walls with 1/4 inch lead, floor to 7 feet high
- lined head walls and foot walls with 1/2 inch lead, floor to wall 7 feet high
- walls have no penetration in construction
- door contains 1/4 inch lead barrier

2.1.2 The physicist was here the week of 9/10/90.

2.1.3 Construction completed the week of 9/14/90.

2.1.4 First patient admitted to the room on 9/18/90. Test readings will be obtained by the physicist.

2.2 Corrective actions that will be taken to avoid further violations:

2.2.1 see 2.1

2.3 Date when full compliance will be achieved:

2.3.1 Date of full compliance was 9/14/90.

3.0 Keys Left in Lock on Cesium-137 Storage Safe

3.1 Corrective actions that have been taken and the results achieved:

3.1.1 Keys were removed and safely secured.

3.1.2 New policy and procedure for access to key and the security of key are in place.

3.2 Corrective actions that will be taken to avoid further violations:

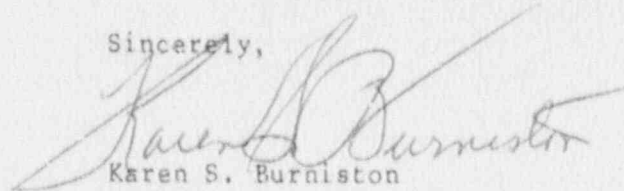
3.2.1 See 3.1

3.3 Date when full compliance will be achieved:

3.3.1 Date of full compliance was 9/19/90.

If you have any further questions concerning these matters, please let me know.

Sincerely,



Karen S. Burniston  
Vice President, Nursing

cc: Mike Williams  
Peter Publow  
Ethel Carner  
Marian Arbuckle