

Lawrence General Hospital

One General Street, Lawrence, Massachusetts 01842 Tel. (617)683-4000

September 24, 1982

Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Gentlemen:

Subject: Inspection No. 82-01

RE: License Nos. 20-05655-01, SNM-1578
Docket Nos. 30-01878, 70-2116

The following list of corrective actions taken by this institution are submitted to substantiate our total compliance with the violations as stated in Appendix A of your Inspection No. 82-01.

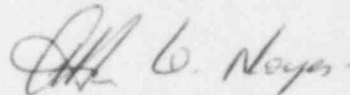
- A. Effective this date all associated personnel will be monitored following any iodine 131 therapy. Personnel safety is further assured by the fact that this institution no longer uses liquid iodine 131.
- B.
 1. The elution and preparation area will be surveyed and documented on a daily basis effective this date. Documentation of this daily survey is now openly posted to allow daily review by the supervisor to ensure absolute compliance and to eliminate the recurrence of this violation.
 2. The entire Nuclear Medicine Department is surveyed and wipe tested as required each and every week. Documentation substantiates this procedure.
 3.
 - a. Constancy checks using cobalt-57, barium-133, and cesium-137 at appropriate levels are being performed and recorded daily. Documentation of this daily survey is now openly posted to allow daily review by the supervisor to ensure absolute compliance and to eliminate the recurrence of this violation. A new cobalt-57 source at the appropriate level is now on order and should be in use in this institution within 30 days of this reply.
 - b. The dose calibrator linearity was determined at installation and is being performed on a quarterly basis. Documentation substantiates this procedure.

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4. Item 10.5 of our application letter dated September 27, 1977 states, "that hands, feet, and clothing shall be monitored routinely for contamination." Personnel monitoring is being performed and documented on a regular basis.
5. Syringe shields are now being used in the preparation of radio-pharmaceuticals as delineated in Item 11 of our application letter dated September 27, 1977.
6. Addendum Item No. 10 of our application letter dated September 27, 1977 lists as available radiation detection equipment, the Eberline Radiation Counter 120 G. This instrument was operational at the time of inspection and is rated as an equivalent low-level survey meter. The Heathkit Radiation Counter RC-1 is being replaced by the Victorine #493 probe type Survey Meter which is currently on order and should be available for use in this institution within 30 days of this reply.

Sincerely,



Alton W. Noyes
Executive Director

AWN/sec