



Veterans
Administration



August 25, 1981

D. G. Wiedeman, Acting Chief
Materials Radiation Protection
Section 1
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Wiedeman:

In response to your letter of August 4, 1981 concerning the safety inspection of our facilities licensed by NRC By-product Material License No. 24-15235-03, we submit the following information concerning the violations listed in Appendix A of your letter:

Item 1: Calibration of Survey Meter Victoreen 491, PMI 6665-5051

- a. This survey meter has been calibrated in accordance with license condition No. 21.
- b. Survey meter calibration requirements will be included in the radiation safety office operations manual currently being revised. More conspicuous calibration date labels will be used on all survey meters.
- c. These changes in operation will be finalized by October 15, 1981.

Item 2: Dose Calibrator Linearity and Accuracy Checks

- a. The linearity and accuracy checks required by license condition 21 have been reviewed with the nuclear medicine technology staff, and the radiation safety technician. Some of the required tests have been performed in the past, however, adequate records were not kept. These procedures have now been initiated, along with complete record keeping.
- b. More specific instructions for the required dose calibrator checking procedures will be incorporated into the nuclear medicine technology procedures manual.

In Reply Refer To: 543/00

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c. All of these changes in written instructions and record keeping will be finalized by September 15, 1981.

Item 3: Daily Survey of Injection and Elution Areas

a. These daily requirements are the responsibility of the nuclear medicine technology staff. The procedures and a revised record keeping system have been reviewed and discussed with the nuclear medicine technology staff.

b. The daily survey records for injection and elution areas will be reviewed quarterly by the radiation safety office personnel. These procedures will also be reviewed during radiation safety training for nuclear medicine technologists.

c. These changes and revisions will be completed by October 1, 1981.

Item 4: Xenon-133 Trap Survey

a. These Xenon-133 trap survey and alarm test procedures have been reviewed with both the nuclear medicine technology staff and the radiation safety technician. A separate log for these tests procedures has been established.

b. The description of xenon-133 trap testing requirements will be revised in the nuclear medicine technology procedure manual. The records of trap tests will be reviewed by the radiation safety office on a quarterly basis.

c. These revised procedures will be finalized by October 15, 1981.

Item 5: Disposal Records for Short Half-Life Waste

a. The methods used for storing and checking short half-life waste items has been reviewed. The deficiency in record keeping was noted and discussed with all technologists.

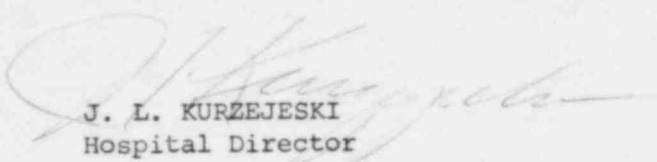
b. The log book for all radioactive waste in storage kept by the radiation safety office will be revised to more explicitly contain short half-life waste items from nuclear medicine.

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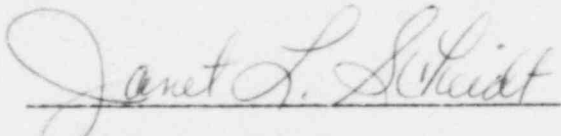
c. The revised methods and corrective action will be
completed by October 1, 1981.

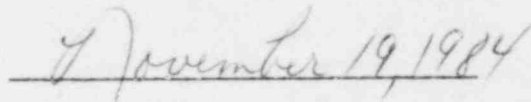
I affirm the above statements are true.

Sincerely,


J. L. KURZEJESKI
Hospital Director

State of Missouri, County of Boone, On this 26th day of August, 1981,
before me, Janet L. Scheidt, a Notary Public in and for said state,
personally appeared J. L. Kurzejeski, known to me to be the person
who executed the within letter and acknowledged to me that he executed
the same for the purpose therein stated.


JANET L. SCHEIDT
NOTARY PUBLIC


COMMISSION EXPIRATION DATE