

MAR 22 1985

License No. 29-01600-02
Docket No. 030-02437
Control No. 18519

Elizabeth General Hospital
ATTN: Robert Platt
Vice President
925 East Jersey Street
Elizabeth, New Jersey 07201

Gentlemen:

This is in reference to your application dated February 25, 1985, to renew License No. 29-01600-02. In order to continue our review, we need the following additional information:

1. Effective September 30, 1982, the NRC changed the make up of the radiation safety committee as stated in 10 CFR 35.11(b). It appears, from your application dated February 25, 1985, that you do not have a representative of the nursing staff on your committee. We recommend you institute the following regarding the membership of your committee:

The membership of this committee will consist of at least three members and will include:

- (1) The radiation safety officer;
- (2) The hospital administrator, or other administrative official directly responsible to the hospital administrator in the hospital's internal chain of command;
- (3) A physician specialist from each department where radioactive materials are used; and
- (4) A representative of the hospital's nursing staff.

The names and qualifications of the committee members will be documented in the committee's records, will be updated as necessary, and will be available for inspection by the NRC

The above will alleviate the need to amend your license if you replace individual members on the radiation safety committee.

2. Submit your step-by-step procedures for conducting the dose calibrator linearity tests, including a description of the source activity to be used (e.g. the first elution from a new, Tc-99m generator). In your reply, you may reference the procedures in Appendix D, Section 2 (enclosed).

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3. On a detailed version of your facility diagram, please indicate the type, dimensions, position and thickness of shielding that you will use for:
 - a. Use and storage of Tc-99m generators.
 - b. Storage of radiopharmaceuticals (refrigerated and nonrefrigerated).
 - c. Storage of radioactive waste, including decay-in-storage prior to disposal as nonradioactive waste. (This area should be large enough to handle an accumulation of used Tc-99m generators as well as other solid waste. If this area is located ancillary to your department, describe how you will secure the material. Confirm that this area will be surveyed at least weekly.)
 - d. Preparation and dispensing of Group III kit radiopharmaceuticals (e.g., lead glass L-block, etc.).
 - e. Identify adjacent areas across the walls from use and storage locations and show that adequate steps have been taken to assure that radiation levels in unrestricted areas do not exceed the limits specified in 10 CFR 20.105 (enclosed).
4. Ancillary personnel (clerical, nursing, housekeeping security, etc.) whose duties may require them to work in the vicinity of radioactive material (whether escorted or not) need to be informed about radiation hazards and appropriate precautions. Outline your method to assure that these employees receive the necessary instruction. Confirm that this instruction will be given both initially and annually thereafter on a refresher basis.
5. Your application contains procedures which state that personnel should not accept radioactive shipments which appear damaged. You must accept all radioactive shipments, both damaged and undamaged, and deal with them accordingly. Refer to 10 CFR 20.205(a)(1)(i), enclosed.

If a package appears damaged the carrier should be detained until the RSO can determine that neither the carrier or his vehicle are contaminated.

Please confirm whether these procedures will be implemented.

6. Concerning your package opening procedures:
 - a. Please confirm that you will wipe the external surface of the final source container, assay the wipe in a low background area, and record the amount of removable radioactivity.
 - b. Confirm that these wipes will be assayed in a low background area with a thin-end-window G-M survey meter or equivalent.

7. Your laboratory rules (Item 15) should prohibit storage of food, drink, or personal effects with radioactive materials. Please confirm.

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 18519.

Sincerely,

Original Signed By:
Jenny M. Johansen

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

Enclosures:

1. 10 CFR Part 20
2. Regulatory Guide 10.8

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