

MAY 24 1985

License No. 08-15484-02
Docket No. 030-15113
Control No. 17296

Department of Health and Human Services
National Institute of Mental Health
St. Elizabeth Hospital
ATTN: William G. Prescott, M.D.
Superintendent
Martin Luther King Avenue
Washington D. C. 20032

Gentlemen:

This is in reference to your application dated March 22, 1984 to renew License No 08-15484-02. In order to continue our review, we need the following additional information:

1. You should have available in your department a high-level survey meter capable of reading up to 1 Roentgen per hour in order to measure radiation dose rates that may exist in the vicinity of Tc-99m generators, etc. Please indicate the manufacturer's name, model number, and highest level range of the instrument in your laboratory that will fulfill this need.
2. 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).

OFFICIAL RECORD COPY

878JOUSTRAS/13/85 - 0001.0.0
05/21/85

8507240388 850624
REG1 LIC30
08-15484-02 PDR

ML10

3. The written Instructions submitted in reference to personnel who receive shipments of radioactive materials during hours when Nuclear medicine is closed does not include detaining the carrier if packages appear damaged. It is recommended that the carrier be detained until it can be determined whether he or his delivery vehicle is contaminated. Please verify whether this will be adopted into your procedures.

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. 17296.

Sincerely,

Original Signed By:
John E. Glenn

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

Enclosure: 10 CFR Part 20

RI:DRSS
Joustra/k1
5/22/85

RI:DRSS
Glenn
5/23/85

OFFICIAL RECORD COPY

878JOUSTRA5/13/85 - 0002.0.0
05/21/85