

AUG 22 1985

Docket No. 030-28820
Control No. 104175

Springfield Medical Imaging Center
ATTN: Donald J. Kasper, M.D.
P.O. Box 247
Baltimore Pike & Andrew Road
Springfield, Pennsylvania 19064

Gentlemen:

This is in reference to your application dated July 16, 1985 for a byproduct material license. In order to continue our review, we need the following additional information:

1. Your facility diagram did not indicate the dimensions and thickness of shielding that you will use for:
 - a. Use and storage of Tc-99m generators if and when you return to Mo-99/Tc-99m generator systems.
 - 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.)

Please provide this information.

2. Item No. 6 of your letter describes the training program for technologists and ancillary personnel. Please confirm that personnel will be instructed before beginning duties with, or in the vicinity of, radioactive materials and will be reinstructed whenever there is a significant change in duties, regulations, or the terms of the license.
3. Item No. 5 of your letter indicates that the ordering, handling, and security measures described in Appendices E, F and J will be used if there is a return to Mo-99/Tc-99m generators or off-duty delivery. Describe your procedures for ordering radioactive materials, for receipt of materials during working hours and for notification of responsible persons upon receipt of radioactive materials. These procedures should be adequate to ensure that possession limits are not exceeded, that

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radioactive materials are secured against unauthorized removal at all times, and that radiation levels in unrestricted areas do not exceed the limits specified in Section 20.105 of 10 CFR Part 20.

4. With regard to your request for Gd-153, please provide the following:
- Item No. 23 of your application indicates that detailed information on a bone mineral analyzer is attached. This information was not attached to your application.
 - The specific manufacturer and model number of each sealed source and each device must be specified for license authorization.
 - Describe the emergency procedures to be followed in the case of shutter malfunction and/or degradation of the sealed source holder.
 - Describe your procedure for disposal of these sources.

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. 104175.

Sincerely,

Original Signed By:
Francis M. Costello

John D. Kinneman, Chief
Nuclear Materials Safety Section A
Division of Radiation Safety
and Safeguards

RI:DRSS *J.M.P.*
Piccone/rw
8/21/85

J.M.C.
RI:DRSS
Kinneman
8/22/85

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BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: Springfield Medical Imaging Center

Application Dated: 7/16/85

Control No.: 04175

License No.: NEW

2. FEE ATTACHED

Amount: \$ 580.00

Check No.: 108

3. COMMENTS

Signed Brenda Platchek

Date 7/30/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 7C - 580

2. Correct Fee Paid. Application may be processed for:

Amendment _____

Renewal _____

License ✓

Signed J. Jackson

Date 8/13/85