

file

JUL 30 1985

Metropolitan Medical Center
ATTN: Joseph R. Giganti, Ph.D.
Radiation Safety Officer
900 South Eighth Street
Minneapolis, MN 55404

Gentlemen:

This is in reference to your application dated June 7, 1985 for an NRC License to use iodine-125 and gadolinium-153 in Lunar Radiation Corporation bone mineral scanning devices.

Additional information is needed in support of your request. Please respond to the following:

1. Iodine-125 for bone mineral analysis is currently listed under Group VI of Schedule A, 10 CFR 35.100. Since you are already authorized to use Group VI materials, you do not need additional authorization to use the Lunar device containing iodine-125. If your Group VI possession limit is not adequate to cover 2-200 millicuries iodine-125 sealed sources, please inform us and we will increase your possession limit.
2. Specify the names of the physicians who will use or supervise the use of the iodine-125 and gadolinium-153 sources in the scanners. (It is necessary for you to list specific physician-users so that License Condition 12. can be modified accordingly. Users of Group VI materials need not be listed for use of iodine-125.)
3. Submit step-by-step procedures for installing and removing the gadolinium-153 source from the scanner. (You may submit a copy of the manufacturer's recommended procedures.)

Confirm that the technician who will be responsible for source exchange will receive specific training on these procedures prior to actually performing the task.

4. Specify the name of the organization which will service the scanners if repair or maintenance is required. We are particularly concerned about maintenance or repair of the device shutter and other components that may affect the safety of the unit.

We will continue the review of your application upon receipt of this information. Please reply in duplicate within 30 days and reference Control No. 79163.

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REG3 LIC30
22-13859-01 PDR

Sincerely,

Original Signed By
B.J. Holt
Materials Licensing Section

RIII

Holt/cm
07/29/85