

FILE COPY

MAR 28 1985

St. Joseph's Hospital
ATTN: John B. Whitton
Radiation Safety Officer
5000 West Chambers Street
Milwaukee, WI 53210

Gentlemen:

We have reviewed your letter dated January 10, 1985 requesting an amendment to NRC License Number 48-00537-03 for use of gadolinium-153 in a Lunar Radiation Corporation Model DP-3 bone mineral analyzer. Additional information is needed in support of your request. Please respond to the following:

1. Specify the name or title of the individual at your facility who will be responsible for source exchange. Confirm that this individual will receive specific training from the supplier on these procedures.

Discuss the method to be used for determining whole body and extremity exposures during source exchange.

Submit step-by-step procedures for installing and removing the gadolinium-153 source from the bone mineral analyzer. (You may submit a copy of the supplier's recommended procedures.)

2. Discuss the method you will use for securing from unauthorized use or removal:

- a. the device containing the source and
- b. the source when not installed in the device.

3. Specify who will service the bone mineral analyzer if repair or maintenance is required. We are particularly concerned about maintenance or repair of the device shutter and other components that may compromise the safety of the unit.

We will continue the review of your request upon receipt of this information. Please reply in duplicate within 30 days and reference Control No. 78213.

Sincerely,

8506030610 850510
REG3 LIC30
48-00537-03 PDR

Original Signed By
B.J. Holt
Materials Licensing Section

R111

Holt/cm
03/16/85