

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number

48-10966-03

Docket or Reference number

030-08688

Amendment No. 13

Marshfield Clinic  
1000 North Oak Avenue  
Marshfield, WI 54449

In accordance with letter dated June 19, 1985, License Number 48-10966-03 is amended as follows:

Items 6., 7., 8. and 9. are amended to add:

6. Byproduct, source,  
and/or special nuclear  
material

7. Chemical and/or  
physical form

8. Maximum amount that  
licensee may possess  
at any one time  
under this license

L. Gadolinium-153

L. Sealed Sources  
(Lunar Radiation  
Corp. GD series)

L. Two sources, no  
source to exceed  
1500 millicuries

M. Gadolinium-153

M. Sealed Sources  
(Gulf Nuclear  
Model GD-1)

M. Two sources, no  
source to exceed  
1500 millicuries

**9. Authorized Use**

L. One source to be used in a Lunar Radiation Corp. Model DP-3 spine scanner for diagnostic bone imaging. One source in its shipping container to be possessed incident to source replacement.

M. One source to be used in a Norland Corp. Model N-2600 spine scanner for diagnostic bone imaging. One source in its shipping container to be possessed incident to source replacement.

Condition 23. is amended to read:

23. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated November 15, 1983; letters dated July 7, 1982, April 12, 1985, May 16, 1985, June 19, 1985; and ALARA Program dated August 15, 1980. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

Conditions 24. and 25 are added:

24. Material listed in Subitems 6.L. and 6.M. shall be used by or under the supervision of individuals approved by the Radiation Safety Committee for use of one or more of the Groups listed in 10 CFR Schedule 35.100.

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25. The licensee shall use the material listed in Subitems 6.K. and 6.M. in accordance with the device manufacturer's instruction manuals. The exchange of sources in the Lunar Radiation Corp. Model DP3 Spine Scanner and/or the Norland Model N2600 Dichromatic Bone Densitometer shall be conducted by or under the supervision and in the physical presence of those individuals who have completed the device manufacturer's training in source exchange and have been designated by the Radiation Safety Committee.



For the U.S. Nuclear Regulatory Commission

OCT 1 1985

Date \_\_\_\_\_

Original Signed

By William J. Adam, Ph.D.

Materials Licensing Section, Region III

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