

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number 12-02030-03

Docket or Reference number  
030-01418

Amendment No. 38

Edgewater Hospital  
Department of Nuclear Medicine  
5700 North Ashland Avenue  
Chicago, IL 60660

In accordance with letter dated May 29, 1985, License Number 12-02030-03 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

H. Gadolinium-153

H. Sealed sources  
(Gulf Nuclear, Inc.  
Model GD-1)

H. 2 sources not  
to exceed 1.5  
curies

9. Authorized Use

H. One source to be used in a Lunar Radiation Corporation Model DP3 Spine Scanner for analysis of human bone mineral content. One source to be stored in its shipping container to be used for replacement purposes.

Conditions 12. and 20. are amended to read:

12. Licensed material listed in Item 6 above is authorized for use by, or under the supervision of, the following individual(s) for the materials and uses indicated:

Hyo Hyun Byun, M.D.

Groups I, II, III, IV, V and VI  
Xenon-133  
In vitro studies  
Gadolinium-153

Vera Petras, M.D.

Group VI  
Gadolinium-153

Theodore J. Matuga, M.D.

Groups I, II and III  
Xenon-133  
Gadolinium-153

20. 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 received October 13, 1982; and letters dated January 7, 1983, May 29, 1985, and July 9, 1985. 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.

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Conditions 21. and 22. are added:

21. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
22. Servicing and maintenance of any portion of the bone mineral analysis device associated with the shutter, shutter control mechanism or source shall be performed by the manufacturer or by other persons specifically authorized by the Commission or an Agreement State to perform such services.



For the U.S. Nuclear Regulatory Commission

Date July 19, 1985

Original Signed  
By Evelyn R. Matson  
Materials Licensing Section, Region III

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