

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

48-00919-03

Docket or Reference number

030-03413

Amendment No. 24

St. Mary's Hospital Medical Center
707 South Mills Street
Madison, WI 53715

In accordance with letter dated April 13, 1985, License Number 48-00919-03 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 Model
GD-1 contained in an
NRC approved source
holder)

H. 3000 millicuries
(2 sources not
to exceed 1500
millicuries each)

9. Authorized Use

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

Stephen Dudiak, M.D.

Groups I, II, III, IV and V
Xenon-133

In vitro studies
Gadolinium-153 in a bone mineral
analyzer

Ivan Knezevic, M.D.

Groups I, II, III, IV and V
Xenon-133

In vitro studies
Gadolinium-153 in a bone mineral
analyzer

George F. Roggensack, M.D.

Groups I, II and III
Xenon-133

Gadolinium-153 in a bone mineral
analyzer

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Richard D. Lindgren, M.D.

Groups I, II, III, IV and V
Xenon-133

In vitro studies

Gadolinium-153 in a bone mineral
analyzer

Tamnit Ansusinha, M.D.

Groups I, II and III
Xenon-133

Phosphorus-32 (soluble) for therapy
Iodine-131 for treatment of
hyperthyroidism and thyroid
carcinoma

Gadolinium-153 in a bone mineral
analyzer

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 dated April 22, 1985; letters dated August 30, 1978 and April 13, 1985; and Model ALARA Program as contained in Appendix O of Regulatory Guide 10.8, October 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.

Condition 21. is added:

21. The licensee shall have available and follow the instructions contained in the manufacturer's manual for the bone mineral analyzer.

For the U.S. Nuclear Regulatory Commission

Original Signed

By George M. McCann

Materials Licensing Section, Region III

Date June 28, 1985

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