

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number 12-03415-02
Docket or Reference number 030-12463
Amendment No. 20

Little Company of Mary Hospital
2800 West Ninety Fifth Street
Evergreen Park, IL 60642

In accordance with letter dated August 26, 1985, License Number 12-03415-02 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 |
| K. Iodine-125 | K. Sealed sources (AECL Model C-324 or C-235 in Model C-236 source holder or Amersham Corp. Model IMC.P2 contained in Lunar Radiation Corp. source holder) | K. 2 sources not to exceed 200 millicuries each |
| L. Gadolinium-153 | L. Sealed sources (Lunar Radiation Corp. GD Series) | L. 2 sources not to exceed 1.0 curies each |
9. Authorized Use
- K. For use in Lunar Radiation Corp. Model SP2 Forearm Scanner for analysis of human bone mineral content.
- L. For use in Lunar Radiation Corp. Model DP3 Spine Scanner for analysis of human bone mineral content.

Conditions 12., 14., 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:

Christopher A. Lekas, M.D.

Groups I, II, III, IV, V and VI
Xenon-133
In vitro studies
Americium-241
Depleted uranium
Yttrium-90 for treatment of liver cancer

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Kuhn Hong, M.D.

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

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

Syed Javed Shirazi, M.D.

Group VI

Iodine-131 for therapy

Yttrium-90 for therapy

Gregorio M. Tolentino, M.D.

Group VI

Jayant V. Ginde, M.D.

Group VI

Richard J. Sullivan, Ph.D.

In vitro studies

George F. Hogan, M.D.

Groups I, II and III

Xenon-133

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

Peter Lazarovits, M.D.

Groups I, II and III

Xenon-133

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

David P. W. Ying, M.D.

Groups I, II and III

Xenon-133

In vitro studies

Danilo J. Martinez, M.D.

Groups I, II and III

Xenon-133

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

Roy Ramsey, Jr., M.D.

Groups I, II and III

Xenon-133

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

Sheilah O'Connor, M.D.

Groups I and II

Xenon-133

In vitro studies

Iodine-125 and gadolinium-153 in
bone mineral analyzers

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14. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.
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 November 2, 1981; and letters dated February 14, 1985 and August 26, 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.



For the U.S. Nuclear Regulatory Commission

Date September 13, 1985

Original Signed
By Patricia J. Whiston
Materials Licensing Section, Region III

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