

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number
12-00929-13

Docket or Reference number
030-01385

Amendment No. 35

Rush-Presbyterian - St. Luke's
Medical Center
Radiation Safety Officer
1753 W. Congress Parkway
Chicago, IL 60612

In accordance with letter dated March 15, 1985, License Number 12-00929-13 is amended as follows:

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

- | | | |
|--|---|--|
| <p>6. Byproduct, source, and/or special nuclear material</p> <p>W. Gadolinium-153</p> <p>X. Iodine-125</p> | <p>7. Chemical and/or physical form</p> <p>W. Sealed Sources (Gulf Nuclear Model GD-1 contained in Lunar Radiation Corp. lead-lined brass source holders)</p> <p>B. Sealed Sources (AECL Model C-324 contained in Lunar Radiation Corp. brass source holders)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>W. 4 curies (4 sources not to exceed 1 curie each)</p> <p>B. 400 millicuries (2 sources not to exceed 200 millicuries each)</p> |
|--|---|--|
9. Authorized Use
- W. For use as components of Lunar Radiation Corporation Model DP3 Spine/Femur Scanners for determining human bone mineral content. The licensee may also possess additional sources in their shipping containers as necessary for replacement in the scanners.
- X. One source to be used as a component of Lunar Radiation Corporation Model SP2 Forearm Scanner for determining human bone mineral content. The licensee may also possess an additional source in its shipping container as necessary for replacement in the scanner.

Conditions 12. and 20. are amended to read:

12. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Safety and Radioisotope Committee, Howard H. Sky-Peck, Ph.D., Chairman

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- B. The use of licensed material in or on humans shall be by a physician as defined in
10 CFR 35.3(b).
- C. Licensed material listed in Subitems 6.W. and 6.X. shall be used by, or under the supervision of, physicians who meet the training criteria described in "Policy and Guidance Directive FC 85-1; Licensing the Lixiscope and Bone Mineral Analyzer," January 25, 1985.
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 28, 1979; letters dated November 15, 1979, December 11, 1979, February 27, 1980, March 15, 1985 and May 30, 1985; and ALARA Program with effective date August 15, 1980 signed by Anthony Chung-Bin, Howard H. Sky-Peck, Ph.D., and Bruce Campbell, Vice President - Administrative Affairs as modified by letter dated March 13, 1981 signed by Anthony Chung-Bin. 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 June 21, 1985

Original Signed
By B. J. Holt
Materials Licensing Section, Region III

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