

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

13-14823-01

Docket or Reference number

030-08108

Amendment No. 19

Bedford Medical Center
Radiology Department
2900 West Sixteenth Street
Bedford, IN 47421

In accordance with letter dated March 30, 1987, License Number 13-14823-01 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

G. Gadolinium-153

G. Sealed Sources
(Model No. 812.007)

G. 2 sources not
to exceed 1.5
curies each

9. Authorized Use

G. For use in a NOVO BMC-Lab 22A bone densitometer for human bone mineral analysis.

Conditions 12. and 21. are amended as follows:

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:

Donald D. Donner, M.D.

Groups I, II, III, IV, and V

Xenon-133

Iodine-125 for bone mineral analysis

Gadolinium-153 for bone mineral analysis

Alan F. Smith, M.D.

Licensed material of the types, quantities,
and forms specified in Section 35.31(a)
of 10 CFR 35 in accordance with the
provisions of paragraphs (a) and (c)
of Section 35.31, 10 CFR 35.

Francis A. Esquerre, M.D.

Groups I, II, and III

Iodine-131 as iodide for treatment
of hyperthyroidism, cardiac

dysfunction and thyroid carcinoma

Xenon-133

Iodine-125 for bone mineral analysis

Gadolinium-153 for bone mineral analysis

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21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated May 17, 1982;
- B. Letters dated September 20, 1980, April 29, 1981, September 19, 1986, October 14, 1986, December 8, 1986, March 30, 1987; and
- C. Model ALARA Program dated May 17, 1982.

For the U.S. Nuclear Regulatory Commission

Date July 23, 1987

Original Signed
By Patricia M. Vacherlon
Materials Licensing Section, Region III

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