

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License number 21-24380-01

Docket or Reference number 030-18558

Amendment No. 02

CORRECTED COPY

Michael Lala, M.D., P.C.
1848 Long Lake Shore Drive
Bloomfield Hills, MI 48013

In accordance with application dated June 27, 1985, License Number 21-24380-01 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
C. Iodine-125	C. Sealed source (AECL CP Model C-235 in source holder or Amersham Models IMC-129, 4052, 4040)	C. 2 source not to exceed 200 millicuries each

9. Authorized Use

- C. One source to be used in a Norland Corp. Model N-2740 Medical Diagnostic Bone Scanner for bone densitometry of humans. One source to be stored in its shipping container for source replacement purposes for the bone scanner.

Conditions 10., 12. and 15. are amended to read:

10. A. Licensed material listed in Subitems 6.A. and 6.B. shall be used only at South Allen Radiology, 22031 Ecorse Road, Taylor, Michigan; Taylor Nuclear and Ultrasound, 23265 Eureka Road, Taylor, Michigan; Farmington Medical Arts, 23800 Orchard Lake Road, Farmington Hills, Michigan; Auburn X-Ray and Nuclear Diagnostics, 19605 Joy Road, Detroit, Michigan; Downriver Medical Imaging Center, 13254 Northline Road, Southgate, Michigan; Goddard Clinic, 17234 Goddard Road, Allen Park, Michigan; and Wayne Westland X-Ray Clinic, 32240 Michigan Avenue, Wayne, Michigan.
- B. Licensed material listed in Subitem 6.C. shall be used only at Auburn X-Ray and Nuclear Diagnostics, 19605 Joy Road, Detroit, Michigan.
12. Licensed material listed in Item 6 above is authorized for use by the following individual(s) for the materials and uses indicated:

Michael Lala, M.D.

Groups I, II and III
Bone scanner

Adolfo Melicor, M.D.

Groups I and II
Bone scanner

Quan Hu Ha, M.D.

Groups I and II
Bone scanner

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15. 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 applications dated August 29, 1984, December 10, 1984, June 27, 1985 and September 1, 1985; letter dated September 17, 1984; and updated Appendices C dated January 22, 1985 (received on January 24, 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.

Conditions 17., 18., 19. and 20. are added:

17. A. (1) Each sealed source containing licensed material, other than Hydrogen 3, with a half-life greater than thirty days and in any form other than gas shall be tested for leakage and/or contamination at intervals not to exceed six months. In the absence of a certificate from a transferor indicating that a test has been made within six months prior to the transfer, a sealed source received from another person shall not be put into use until tested.
- (2) Notwithstanding the periodic leak test required by this condition, any licensed sealed source is exempt from such leak tests when the source contains 100 microcuries or less of beta and/or gamma emitting material or 10 microcuries or less of alpha emitting material.
- B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois 60137, describing the equipment involved, the test results, and the corrective action taken.
- D. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically authorized by the Commission or an Agreement State to perform such services.
18. Sealed sources containing licensed material shall not be opened or removed from their respective source holders by the licensee.

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19. Repair and/or maintenance of the bone scanner involving the shutter mechanism, source holder or other related shielding or safety features shall be performed only by the device manufacturer.
20. The licensee shall have available and follow the instructions for the bone scanner contained in the device manufacturer's manual.



For the U.S. Nuclear Regulatory Commission

Date NOV 4 1985

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

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