

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with letter dated July 9, 1985	
1. Newman Memorial Hospital		3. License number 35-16717-01 is amended in its entirety to read as follows:	
2. 919 South Main Street Shattuck, Oklahoma 73858		4. Expiration date August 31, 1986	
		5. Docket or Reference No. 030-11681	
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	
A. Any byproduct material listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. Any radiopharmaceutical listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. As necessary for uses authorized in Subitem 9.A.	
B. Any byproduct material listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. Any form listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. 2 curies of each byproduct material authorized in Subitem 6.B.	
H. Iodine-131	H. Any iodine that has been manufactured, labeled, packaged, and distributed in accordance with a specific license issued pursuant to Section 32.72 of 10 CFR 32 or a specific license issued to a manufacturer by an Agreement State pursuant to equivalent State Regulations.	H. 30 millicuries	

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**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number  
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Docket or Reference number  
030-11681

Amendment No. 04

9. Authorized use

- A. Any diagnostic procedure listed in Groups I and II of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.
- C. For treatment of hyperthyroidism and cardiac dysfunction.

CONDITIONS

- 10. Licensed material shall be used only at Newman Memorial Hospital, 919 South Main Street, Shattuck, Oklahoma.
- 11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
- 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:

Dan Mitchell, Jr., M.D.

Groups I, II, and III  
Iodine-131 as iodide for treatment of  
hyperthyroidism and cardiac dysfunction

Fred M. Long, M.D.

Groups I, II, and III  
Iodine-131 as iodide for treatment of  
hyperthyroidism and cardiac dysfunction

David S. Russell, M.D.

Groups I, II, and III

- 13. Licensed material shall be used in accordance with the provisions of Section 35.14(b)(c)(e) and (f) of Title 10, Code of Federal Regulations.

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14. For a period not to exceed 60 days in any calendar year, a visiting physician is authorized to use licensed material for human use under the terms of this license, provided the visiting physician:

- A. Has the prior written permission of the hospital's administrator and its Radiation Safety Committee, and
- B. Is specifically named as a user on a Nuclear Regulatory Commission license authorizing human use, and
- C. Performs only those procedures for which he is specifically authorized by a Nuclear Regulatory Commission license.

The licensee shall maintain for inspection by the Commission, copies of the written permission specified in Subitem A above and of the license(s) specified in Subitems B and C above. These records shall be maintained for 5 years from the time the licensee grants its permission under Subitem A above.

15. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:

- A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
- B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
- C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.

16. The licensee's procedures for calibration of the dose calibrator shall be those set forth in Appendix D, Section 2 of Regulatory Guide 10.8, "Guide for the Preparation of Applications for Medical Programs," (October 1980).

17. The duties and responsibilities of the licensee's Medical Isotopes Committee shall include a review of the entire radiation safety program at least annually to determine that all activities are being conducted safely and in accordance with NRC regulations and the conditions of this license.

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18. Personnel who accept shipments of licensed material during hours when the nuclear medicine department is closed shall be given the written instructions specified in Appendix E of Regulatory Guide 10.8, "Guide for the Preparation of Applications for Medical Programs," (October 1980). The instructions shall be in the form of a memorandum from the hospital administrator and shall include the names and home telephone numbers of the Radiation Safety Officer and his or her backup designate.
19. The licensee's procedures for opening packages containing licensed material shall include a wipe test of the outer surface of each source container shield.
20. The licensee's procedures and nursing instructions for managing hospitalized patients treated with therapeutic quantities of iodine-131 shall be those set forth in Appendix K of Regulatory Guide 10.8, "Guide for the Preparation of Applications for Medical Programs," October 1980.
21. 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 10, 1980; Model ALARA Program contained in Appendix O of Regulatory Guide 10.8, "Guide for the preparation of Applications for Medical Programs," (October 1980); and letters dated January 5, 1984, and July 9, 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 AUG 26 1985

Original Signed By  
Jack E. Whitten

By  
Nuclear Materials Safety Section  
Region IV  
Arlington, Texas 76011

Official Record Copy

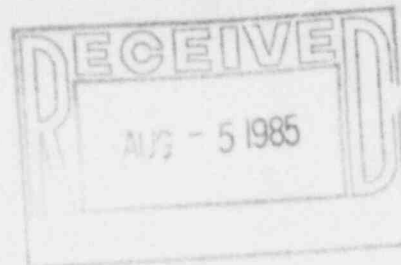
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76011



BETWEEN: William O. Miller, Chief  
License Fee Management Branch  
Office of Administration

R. J. Everett, Chief  
Material Radiation Protection Section, TPB,  
DV&TP, RIV

LICENSEE FEE TRANSMITTAL

A. REGION IV

1. APPLICATION ATTACHED

Applicant/Licensee:

Application Dated:

Control No.:

License No.:

Newman Mem. Corp.

July 9, 1985

468709

35-16717-01 (030-11681)

code 16!!

2. FEE ATTACHED

Amount:

Check No.:

3. COMMENTS

Signed

Date

Laura Hurluf  
July 22, 1985

02120

B. LICENSEE FEE MANAGEMENT BRANCH

1. Fee Category and Amount:

2. Correct Fee Paid. Application may be processed for:

Amendment ☒

Renewal ☐

License ☐

Signed

Date

B Jackson  
7/30/85

8/86

EX - 170.11(6)(9)