



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 15, 2007

Docket No. 03012977
Control No. 140897

License No. 47-17567-01

Joseph Endrich, M.D.
President and CEO
Weirton Medical Center
601 Colliers Way
Weirton, WV 26062-5091

SUBJECT: WEIRTON MEDICAL CENTER, LICENSE AMENDMENT, CONTROL NO.
140897

Dear Dr. Endrich:

This refers to your license amendment request dated August 2, 2007. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Shirley Xu

Shirley Xu
Health Physicist
Medical Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 27

cc: Mark T. Pena, Radiation Safety Officer

J. Endrich
Weirton Medical Center

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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, 36, 39, 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.

<p>Licensee</p> <p>1. Weirton Medical Center</p> <p>2. 601 Colliers Way Weirton, West Virginia 26062-5091</p>	<p>In accordance with the letter dated August 2, 2007,</p> <p>3. License number 47-17567-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date July 31, 2013</p> <hr/> <p>5. Docket No. 030-12977 Reference No.</p>
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| <p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material permitted by 10 CFR 35.100</p> <p>B. Any byproduct material permitted by 10 CFR 35.200</p> <p>C. Any byproduct material permitted by 10 CFR 35.300</p> <p>D. Gadolinium 153</p> | <p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Sealed source (ADAC Model Vantage)</p> | <p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. As needed</p> <p>B. As needed</p> <p>C. 1.5 curies</p> <p>D. 300 millicurie per source and 1.2 Ci total</p> |
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9. Authorized use:

- A. Any uptake, dilution and excretion study permitted by 10 CFR 35.100.
- B. Any imaging and localization study permitted by 10 CFR 35.200.
- C. Any diagnostic study or therapy procedure permitted by 10 CFR 35.300.
- D. For use in an ADAC Laboratories "Vantage" Non-uniform Attenuation Correction System device for patient attenuation correction during gamma imaging purposes. For storage in a shipping casket pursuant to source exchange.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
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CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 601 Colliers Way, Weirton, West Virginia.
11. The Radiation Safety Officer for this license is Mark T. Perna, MS.
12. Licensed material is only authorized for use by, or under the supervision of:
- A. Individuals permitted to work as an authorized user, in accordance with 10 CFR 35.13 and 35.14.
- B. The following individuals are authorized users for medical use as indicated:

Authorized UsersMaterial and Use

Peter Aragones, M.D.

35.100; 35.200; 35.300

Young J. Lee, M.D.

35.100; 35.200; 35.300

John L. DeFilippo, M.D.

35.100; 35.200; 35.300

Gary Loh, M.D.

35.100; 35.200; 35.300

Eric R. Balzano, M.D.

35.100; 35.200

Mark L. Benson, M.D.

35.100; 35.200

William Lee Noble, II, M.D.

35.100; 35.200

Vincent J. Caruso, M.D.

35.100; 35.200

Michael J. Maroney, M.D.

35.100; 35.200

Carter A. Kenamond, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

Thomas Neis, M.D.

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

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Authorized Users

Michael L. Slaysman, M.D.

Terry L. Stake, M.D.

Material and Use

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

35.100; 35.200; Oral administration of sodium iodide iodine-131 for imaging and localization studies and treatment of hyperthyroidism and cardiac dysfunction

13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
15. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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16. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. 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 January 10, 2003
- B. Letter dated July 14, 2003
- C. Letter dated May 25, 2004



For the U.S. Nuclear Regulatory Commission

Date August 15, 2007

By

Original signed by Shirley Xu

Shirley Xu
Medical Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406-1415