



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

August 24, 2006

Docket No. 03012977  
Control No. 139260

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.  
139260

Dear Dr. Endrich:

This refers to your license amendment request. 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](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Toolkit Index Page**. Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. 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 Richard McKinley***

Richard McKinley  
Health Physicist  
Medical Branch  
Division of Nuclear Materials Safety

Enclosure:  
Amendment No. 26

J. Endrich  
Weirton Medical Center

2

cc:  
Mark T. Perna, Radiation Safety Officer

J. Endrich  
Weirton Medical Center

3

DOCUMENT NAME: E:\Filenet\ML062370436.wpd

**SUNSI Review Complete: RMcKinley**

After declaring this document "An Official Agency Record" it will be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

OFFICE	DNMS/RI	<input checked="" type="checkbox"/> N	DNMS/RI	<input type="checkbox"/>	DNMS/RI	<input type="checkbox"/>		
NAME	RMcKinley /RWM1/							
DATE	8/24/06							

OFFICIAL RECORD COPY

**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 style="text-align: center;">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 7, 2006,</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>
---	---

- |   |   |   |
|---|---|---|
| <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> |
|---|---|---|

## 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  
47-17567-01

Docket or Reference Number  
030-12977

Amendment No. 26

**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 Users

Material and Use

Peter Aragones, M.D.

35.100; 35.200; 35.300

Young J. Lee, 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

John L. DeFilippo, M.D.

35.100; 35.200; 35.300

Vincent J. Caruso, M.D.

35.100; 35.200

Gary Loh, M.D.

35.100; 35.200; 35.300

Michael J. Maroney, M.D.

35.100; 35.200

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

Michael L. Slaysman, 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

Terry L. Stake, 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

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
47-17567-01Docket or Reference Number  
030-12977

Amendment No. 26

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."
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 24, 2006

By

***Original signed by Richard McKinley***

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