NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

Amendment No. 33

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, 37, 39, 40, 70 and 71, 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	4. Expiration Date: January 31, 2024
1. Weirton Medical Center	March 16, 2017	
2. 601 Colliers Way Weirton, WV 26062-5091	3. License number: 47-17567-01 is amended in its entirety to read as follows:	5. Docket No.: 030-12977 Reference No.:

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	9. Authorized use
A. Any byproduct material permitted by 10 CFR 35.100	A. Any	A. As Needed	A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100.
B. Any byproduct material permitted by 10 CFR 35.200	B. Any	B. As Needed	B. For use in imaging and localization studies permitted by 10 CFR 35.200.
C. Any byproduct material permitted by 10 CFR 35.300	C. Any	C. 1.5 curies total	C. For any use permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.
D. Gadolinium-153	D. Sealed Sources (North American Scientific, Model MED3601)	D. 25 microcuries total	D. For possession and storage only incident to disposal.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 601 Colliers Way, Weirton, West Virginia.

MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 47-17567-01	Docket or Reference Number 030-12977
	Amendment No. 33	

11. The Radiation Safety Officer (RSO) for this license is Mark T. Perna, M.S.

12. Licensed material shall only be used by, or under the supervision of:

A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

B. The following individuals are authorized users for the material and medical uses as indicated:

Authorized Users	Material and Use
Eric R. Balzano, M.D.	10 CFR 35.100,10 CFR 35.200
Mark L. Benson, M.D.	10 CFR 35.100,10 CFR 35.200
John J. DeFilippo, M.D.	10 CFR 35.100,10 CFR 35.200,10 CFR 35.300
Vincent J. Caruso, M.D.	10 CFR 35.100,10 CFR 35.200
Gary Loh, M.D.	10 CFR 35.100,10 CFR 35.200,10 CFR 35.300
Michael J. Maroney, M.D.	10 CFR 35.100,10 CFR 35.200
Thomas Neis, M.D.	10 CFR 35.100,10 CFR 35.200; Oral administration of sodium iodide iodine-131 in quantities less than or equal to 33 millicuries
Michael L. Slaysman, M.D.	10 CFR 35.100,10 CFR 35.200; Oral administration of sodium iodide iodine-131 in quantities less than or equal to 33 millicuries
Carter A. Kenamond, M.D.	10 CFR 35.100,10 CFR 35.200; Oral administration of sodium iodide iodine-131 in quantities less than or equal to 33 millicuries
Eric William Irwin, M.D.	10 CFR 35.100,10 CFR 35.200
James Andrew Epling, M.D.	10 CFR 35.100,10 CFR 35.200
Kara Lynn Leslie, M.D.	10 CFR 35.100,10 CFR 35.200; Oral administration of sodium iodide iodine-131
John F. Balzano, M.D.	10 CFR 35.100,10 CFR 35.200

MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 47-17567-01	Docket or Reference Number 030-12977
	Amendment No. 33	

C. The following individuals are authorized users for nonmedical uses as indicated:

Non-Medical Use	Material and Use
Mark T. Perna, M. S.	Gadolinium-153 in storage

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 containing licensed material shall not be opened or sources removed from source holders by the licensee, except as specifically authorized.

15. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of each inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

16. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at such other intervals as specified.

MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 47-17567-01	Docket or Reference Number 030-12977
	Amendment No. 33	

B. Sealed sources need not be tested if they contain only hydrogen 3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.

C. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

D. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 microcuries) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

E. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.

F. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for 3 years.

MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 47-17567-01	Docket or Reference Number 030-12977
	Amendment No. 33	

17. 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 July 8, 2013 [ML13203A101]
B. Letter dated November 22, 2013 [ML13347B037]
C. Letter dated April 11, 2014 [ML14113A024]
D. Letter dated October 2, 2015 [ML15287A216]
E. Letter dated March 16, 2017 [ML17088A559]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: April 19, 2017

By: _____
Penny Lanzisera
Region 1