

**MATERIALS LICENSE**

Amendment No. 03

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.

Licensee 1. Universal Medical Resources, Inc. 2. 207 Lange Dr. Washington, MO 63090		In accordance with letter dated <b>May 4, 2006,</b> 3. License number 24-32189-01 is amended in its entirety to read as follows: 4. Expiration date <b>September 30, 2009</b> 5. Docket No. 030-35121 Reference No.	
6. Byproduct, source, and/or special nuclear material A. <b>Technetium-99m</b> B. <b>Americium-241</b>	7. Chemical and/or physical form A. <b>Liquid</b> B. <b>Sealed source (Amersham Model AMC.D2)</b>	8. Maximum amount that licensee may possess at any one time under this license A. <b>100 millicuries</b> B. <b>2 millicuries</b>	
9. Authorized use: A. through B. For testing response and performance systems of gamma cameras.			
10. Licensed material may only be used at the licensee's facilities located at 207 Lange Drive, Washington, MO.			
11. A. Radiation Safety Officer, (RSO): Michael Wiese B. Assistant Radiation Safety Officer during the absence of the RSO: Jason Kitchell			
12. License material may only be used by or under the supervision of Michael G. Wiese, Jason Kitchell, Michael Hill, Rob Rogers, James Wood and Chad Watson.			
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210. B. In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source received from another person shall not be put into use until tested.			

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## C. Sealed sources need not be leak tested if:

- (i) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
- (ii) 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 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) 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 shall be performed by by other persons specifically licensed by the Commission or an Agreement State to Perform such services.

14. Sealed sources containing licensed material shall not be disposed or sources removed from source holders by the licensee.

15. The licensee is authorized to hold radionuclide material with a physical half-life of less than 120 days for decay-in-storage before disposal, provided:

A. Before disposal as ordinary trash, the container shall be surveyed at the container surface with the appropriate meter set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

B. A record of each disposal permitted under the License Condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

16. The licensee shall not use licensed material in or on humans.

18. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by NRC, to account for all sources and/or devices received and possessed under the license.

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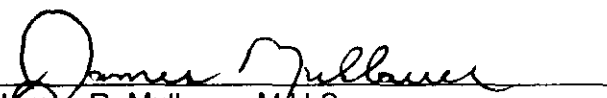
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19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear 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 June 1, 1999; and
- B. Letters dated August 25, 1999, January 30, 2006, and May 4, 2006.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date **JUN 05 2006**By   
James R. Mullauer, M.H.S.  
Materials Licensing Branch  
Region III