

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

|   |   |
|---|---|
| 1. LICENSEE/LOCATION INSPECTED:<br>Universal Medical Resources, Inc.<br>207 Lange Dr.<br>Washington, Missouri 63091<br>REPORT NUMBER(S): 2011-001 | 2. NRC/REGIONAL OFFICE<br>U.S. Nuclear Regulatory Commission, Region III<br>2443 Warrenville Road, Suite 210<br>Lisle, Illinois 60532 |
|---|---|

|                                  |                                      |   |
|----------------------------------|--------------------------------------|---|
| 3. DOCKET NUMBER(S)<br>030-35121 | 4. LICENSEE NUMBER(S)<br>24-32189-01 | 5. DATE(S) OF INSPECTION<br>July 11, 2011 |
|----------------------------------|--------------------------------------|---|

**LICENSEE:**

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied  
 \_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):
- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

**Statement of Corrective Actions**

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

| Title                     | Printed Name       | Signature         | Date    |
|---------------------------|--------------------|-------------------|---------|
| LICENSEE'S REPRESENTATIVE |                    |                   |         |
| NRC INSPECTOR             | Geoffrey M. Warren | <i>G. Warren</i>  | 7/11/11 |
| Branch Chief              | Tamara E. Bloomer  | <i>T. Bloomer</i> | 7/22/11 |

*Docket File Information*  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

|   |   |
|---|---|
| 1. LICENSEE<br>Universal Medical Resources<br>Washington, MO<br>REPORT NUMBER(S) 2011-001 | 2. NRC/REGIONAL OFFICE<br>U.S. Nuclear Regulatory Commission, Region III<br>2443 Warrenville Road, Suite 210<br>Lisle, Illinois 60532 |
|---|---|

|                                  |                                      |   |
|----------------------------------|--------------------------------------|---|
| 3. DOCKET NUMBER(S)<br>030-35121 | 4. LICENSEE NUMBER(S)<br>24-32189-01 | 5. DATE(S) OF INSPECTION<br>July 11, 2011 |
|----------------------------------|--------------------------------------|---|

|                                   |  |
|-----------------------------------|--|
| 6. INSPECTION PROCEDURES<br>87126 | 7. INSPECTION FOCUS AREAS<br>03.01 – 03.07 |
|-----------------------------------|--|

**SUPPLEMENTAL INSPECTION INFORMATION**

|                     |                  |   |                                     |
|---------------------|------------------|---|-------------------------------------|
| 1. PROGRAM<br>03620 | 2. PRIORITY<br>5 | 3. LICENSEE CONTACT<br>Michael G. Wiese | 4. TELEPHONE NUMBER<br>888-239-3510 |
|---------------------|------------------|---|-------------------------------------|

- Main Office Inspection  
 Field Office Inspection \_\_\_\_\_  
 Temporary Job Site Inspection \_\_\_\_\_
- Next Inspection Date: July 2016

**PROGRAM SCOPE**

The licensee repaired and sold refurbished gamma cameras for nuclear medicine. At the facility in Washington, Missouri, the licensee employed 23 personnel, five of whom worked with licensed materials. These personnel used millicurie quantities of technetium-99m and thallium-201 received from a licensed radiopharmacy, as well as sealed sources of americium-241 and cobalt-57, for calibration and testing of the gamma cameras. The facility had been changed since the previous inspection, and was consistent with maps provided to NRC. The radiation safety officer (RSO) and alternate RSO prepared doses for other personnel to use.

The licensee was authorized to use sodium-22 for calibration of PET cameras, but had not yet received any of this isotope.

**Performance Observations**

Licensee personnel demonstrated package receipt and return surveys, technetium-99m dose preparation and tracking, use of doses for calibration, disposal of doses, and leak test procedures. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

In the previous inspection, the licensee was cited for the failure to leak test americium-241 sources as required by License Condition No. 13.A. A review of the licensee's records indicated that leak tests on all sources requiring leak tests had been done at the required six-month frequency since the previous inspection. Based on this determination, the violation is considered closed.