

NRC FORM 591M PART 1

(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Universals Medical Resources
207 Lange Dr.
Washington, MO 63090

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4351

REPORT

2005/001

3. DOCKET NUMBER(S)

030-85064 35121

4. LICENSEE NUMBER(S)

24-00100-02 32189-01

5. DATE(S) OF INSPECTION

10/20/2005

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) was/were discussed involving the following requirement(s) and Corrective Action(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.

(Violations and Corrective Actions)

Condition 13.A. of license NO. 24-32189-01 requires that sealed sources to be leak tested for leakage and/or combinations at interval not to exceed 6 months. Specifically, the licensee failed to test for leakage of a sealed source containing 2mCi of Am-241 since June 12, 2004. The sealed source is placed in storage and will be leak tested within one week.

Licensee's Statement of Corrective Actions for Item 4, above.

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	MICHAEL WIESE		10/20/05
NRC INSPECTOR	Tony S. Go		10/20/05

NRC FORM 591M PART 3 <small>(10-2003) 10 CFR 2.201</small>		U.S. NUCLEAR REGULATORY COMMISSION	
<i>Docket File Information</i> SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE Universals Medical Resources		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III	
3. DOCKET NUMBER(S) 030-05064		4. LICENSE NUMBER(S) 24-32189-01	
5. DATE(S) OF INSPECTION 10/ 20 /05		6. INSPECTION PROCEDURES USED 87126	
7. INSPECTION FOCUS AREAS 03.01 - 03.07		8. SUPPLEMENTAL INSPECTION INFORMATION	
1. PROGRAM CODE(S) 3620	2. PRIORITY 5	3. LICENSEE CONTACT Michael Wiese	4. TELEPHONE NUMBER 888-239-3510
<input checked="checked" type="checkbox"/> Main Office Inspection		Next Inspection Date: 10/10	
<input type="checkbox"/> Field Office		<input type="checkbox"/> Temporary Job Site	
PROGRAM SCOPE			

NRC FORM 591M PART 3 (10-2003)

The licensee leased, refurbished and maintained Gamma cameras for many clients throughout US, the licensee employed approximately 30 workers, and five field service engineers at the facility to maintain gamma cameras in the fields. During the refurbishing of used cameras, the licensee used Tc-99m pertechnetate for camera calibrations during in-house maintenance of these cameras. A daily vial containing Tc-99m was obtained from a pharmacy in St. Louis. The licensee also used non NRC materials for other gamma camera calibrations at the facility. The licensee also used an Am-241 sealed source for a low energy calibration of these gamma cameras during maintenance at the facility in Washington, MO. All authorized individuals, mainly the field technicians were trained in radiation protection annually by the RSO.

Performance Observations

The inspector toured the facility and was able to observe the storage area, the hot lab and the manufacturing floor where the sources are used on the daily basis. The licensee's staff demonstrated survey procedures for surveying packages containing byproduct materials and waste. No additional problems were identified during the tour of the facility.

During the inspection, the inspector identified a violation of Condition 13.A., for failure to test for leakage of a sealed source containing two millicuries of Am-241 exceeding the required 6-month interval. The last leak test of the source was June 12, 2004. According to the RSO, the failure to test the sealed source for leakage was an oversight. The licensee interim corrective action was to place the sealed source in storage, and this source will be leak tested within a week.