

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Owosso Heart Institute, P.C. 1350 E. Main Street Owosso, MI 48867  REPORT NUMBER(S) 10-01		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-36564	4. LICENSEE NUMBER(S) 21-32508-01	5. DATE(S) OF INSPECTION August 24, 2010	

**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)

**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			
NRC INSPECTOR	Andrew M. Bramnik / Deborah A. Piskun	<i>Andrew M. Bramnik</i>	8/24/10

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 – 03.07		
<b>SUPPLEMENTAL INSPECTION INFORMATION</b>			
1. PROGRAM CODE(S) 2201	2. PRIORITY 5	3. LICENSEE CONTACT Sherrie M. Brooks, D.O.	4. TELEPHONE NUMBER 989-829-0133

<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: August, 2015
<input type="checkbox"/> Field Office	
<input type="checkbox"/> Temporary Job Site Inspection	

**PROGRAM SCOPE**

The licensee is a private cardiac clinic performing approximately 30-40 diagnostic nuclear medicine procedures per month. Two full-time nuclear medicine technologists currently perform all patient procedures. The licensee obtains licensed material as unit doses from an area nuclear pharmacy, and does not use xenon-133 or molybdenum/technetium generators. The licensee primarily performed cardiac scans, as well as occasional MUGA scans. The radiation safety officer (RSO) was the sole Authorized User for this licensee, and the licensee is not currently authorized to perform or administer therapeutic doses.

**Performance Observations**

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures were successfully demonstrated or observed. An outside consultant performs quarterly program audits that appear to adequately oversee licensed activities.

Licensed material was observed as adequately secured during the review and was not readily accessible to members of the general public. The licensee's survey meters were found to be calibrated and operational.

Independent measurements taken did not indicate readings in excess of Title 10 Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal dosimetry was observed being worn by the staff during the inspection. Dosimetry records indicated maximum whole body and extremity readings for 2009 of 176 millirem (mrem) and 230 mrem, respectively. 2010 year-to-date whole body and extremity readings were 77 mrem and 250 mrem, respectively.

No violations were identified during this inspection.

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