

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: <b>Midwest Cardiology Associates 30626 Ford Road Garden City, MI 48135</b>		2. NRC/REGIONAL OFFICE <b>U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351</b>	
REPORT NUMBER(S) <b>2010-001</b>			

3. DOCKET NUMBER(S) <b>030-36540</b>	4. LICENSEE NUMBER(S) <b>21-32502-01</b>	5. DATE(S) OF INSPECTION <b>MARCH 31 2010</b>
---	---	--

**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	<b>S. J. Mulay</b>		<b>3/31/10</b>

102/10

**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

1. LICENSEE <b>Midwest Cardiology Associates</b>		2. NRC/REGIONAL OFFICE <b>Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532</b>	
REPORT NUMBER(S) <b>2010-01</b>			
3. DOCKET NUMBER(S) <b>030-36540</b>	4. LICENSE NUMBER(S) <b>21-32502-01</b>	5. DATE(S) OF INSPECTION <b>March 31, 2010</b>	
6. INSPECTION PROCEDURES <b>87130</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM <b>2201</b>	2. PRIORITY <b>G5</b>	3. LICENSEE CONTACT <b>E. Papisifakis, D O., RSO</b>	4. TELEPHONE NUMBER
<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: <b>March 2015</b>		
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

The licensee performs approximately 70 cardiac imaging procedures weekly currently on Tuesday and Wednesday with an as needed "float day" on Thursdays from 7:00am-3:30pm. One full-time technologist performs all procedures. The licensee receives unit doses from an area nuclear pharmacy in the form of thallium-201 do to the current unavailability of Tc-99m. The location of use is as described in submitted documentation. An outside consultant performs quarterly program audits which appears to adequately maintain program compliance.

**Performance Observations**

Licensed material was observed adequately secured during the review and was not readily accessible to members of the general public. According to the technologist, the hot-lab area is locked when not under direct surveillance.

Interviews conducted with the technologist revealed an adequate level of understanding of emergency and material handling procedures and techniques. Injection technique, daily surveys, waste handling and disposal, and package receipt procedures, were successfully observed or described.

Independent measurements taken during the review did not indicate readings in excess of expected in restricted or unrestricted areas. Personal dosimetry records reviewed indicated whole-body and extremity readings for 2009 of 248 mRem and 1874 mRem respectively. Whole body and extremity exposures for YTD 2010 were 47 mRem and 437 mRem respectively. The licensee's sealed source inventory was physically verified during the inspection with no discrepancies noted.