

(10-2003)

10 CFR 2.201

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1 LICENSEE/LOCATION INSPECTED:

Jackson Cardiology Associates  
205 Page Avenue Suite B  
Jackson, MI 49201  
REPORT 2007001

## 2 NRC/REGIONAL OFFICE

US Nuclear Regulatory Commission  
Region III  
2043 Warmville Rd  
Suite 210  
Hick, IL 60532

## 3 DOCKET NUMBER(S)

03034118

## 4. LICENSEE NUMBER(S)

21-26715-01

## 5. DATE(S) OF INSPECTION

August 16, 2007

## 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)

10CFR 20.1902 E requires that areas containing greater than 10 times the amount specified in Appendix G to 10CFR 20 be posted with a sign indicating "Caution Radioactive Material."

Contrary to the above, on August 16, 2007 an area containing greater than 10 times the amount specified in appendix G but less than 100 times was not posted with signs indicating "Caution Radioactive Material."

## 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	M. M. M. M.	Marcia M. Doyle	08-16-07
NRC INSPECTOR	G. Parker	[Signature]	Aug 16, 2007

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



<b>1. LICENSEE</b> <b>Jackson Cardiology Associates</b> REPORT NUMBER(S) <b>2007-001</b>		<b>2. NRC/REGIONAL OFFICE</b> <b>Region III</b> <b>2443 Warrenville Road</b> <b>Lisle, IL 60532</b>	
<b>3. DOCKET NUMBER(S)</b> <b>030-34118</b>	<b>4. LICENSE NUMBER(S)</b> <b>21-26715-01</b>	<b>5. DATE(S) OF INSPECTION</b> <b>8/16/07</b>	
<b>6. INSPECTION PROCEDURES USED</b> <b>87130</b>	<b>7. INSPECTION FOCUS AREAS</b> <b>03.01-03.07</b>		
<b>SUPPLEMENTAL INSPECTION INFORMATION</b>			
<b>1. PROGRAM CODE(S)</b> <b>2201</b>	<b>2. PRIORITY</b> <b>5</b>	<b>3. LICENSEE CONTACT</b> <b>Dr. Joshu R. Patel</b>	<b>4. TELEPHONE NUMBER</b> <b>517-787-3577</b>
<div style="display: flex; justify-content: space-between;"><div><input checked="checked" type="checkbox"/> Main Office Inspection <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site</div><div>Next Inspection Date: <b>8/2012</b></div></div>			

**PROGRAM SCOPE**

Licensee is a small cardiology clinic located in Jackson, Michigan. This licensee uses only unit doses of technetium-99m for cardiac studies supplied by Cardinal Health. The licensee has one technician for patient studies. The licensee sees approximately 8 patients per day at the clinic.

**Performance Observations**

The inspector toured the facility and conducted interviews of the staff. The tech appeared knowledgeable in radiation safety and isotope handling techniques. Package receipt procedures were demonstrated for the inspector as well as rad waste handling practices. Independent surveys by the inspector did not detect any abnormal reading and were within the expected range.

The inspector observed the nuclear medicine staff perform injections of radiopharmaceuticals. Techniques employed by the staff demonstrated good handling practices as well as adequate knowledge of radiation safety. During the course of the inspection, the inspector noted that the licensee did not post areas where radioactive materials were stored for periods exceeding 8 hours with caution radioactive material signs. The licensee corrected the problem when it was pointed out by the inspector.