

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<b>1. LICENSEE/LOCATION INSPECTED:</b>  <b>Mexico Cardiovascular Associates, LLC</b> <b>201 E. Monroe Street</b> <b>Mexico, MO 65265</b>	<b>2. NRC/REGIONAL OFFICE</b>  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III</b> <b>2443 Warrenville Road</b> <b>Lisle, Illinois 60532-4351</b>
<b>REPORT</b> <b>2006-001</b>	

<b>3. DOCKET NUMBER(S)</b> <b>030-36939</b>	<b>4. LICENSEE NUMBER(S)</b> <b>24-32578-01</b>	<b>5. DATE(S) OF INSPECTION</b> <b>February 9, 2006</b>
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**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	S. J. Mulay	<i>S. J. Mulay</i>	2/9/06

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

<b>1. LICENSEE</b> Mexico Cardiovascular Associates, LLC <b>REPORT</b> 2006-001		<b>2. NRC/REGIONAL OFFICE</b> Region III 2443 Warrenville Road Lisle, IL 60532	
<b>3. DOCKET NUMBER(S)</b> 030-36939	<b>4. LICENSE NUMBER(S)</b> 24-32578-01	<b>5. DATE(S) OF INSPECTION</b> February 9, 2006	
<b>6. INSPECTION PROCEDURES</b> 87130	<b>7. INSPECTION FOCUS AREAS</b> 03.01-03.07		
<b>SUPPLEMENTAL INSPECTION INFORMATION</b>			
<b>1. PROGRAM</b> 2201	<b>2. PRIORITY</b> G5	<b>3. LICENSEE CONTACT</b> Marvin Feldman, CNMT, RSO	<b>4. TELEPHONE NUMBER</b> 573-581-3240
<input checked="" type="checkbox"/> <b>Main Office Inspection</b>		<b>Next Inspection Date:</b> February 2011	
<input type="checkbox"/> <b>Field</b>			
<input type="checkbox"/> <b>Temporary Job Site</b>			

**PROGRAM SCOPE**

This active clinic performs approximately 60 cardiology procedures monthly using thallium-201 and Tc99m Cardiolite. One full-time technologist currently performs all patient procedures. Generators are not received and all material is obtained from an area nuclear pharmacy in the form of unit doses. An outside consultant performs quarterly program audits which appears to adequately maintain program compliance. The licensee has been operational since August 2005. The licensee indicated that the program may move to a larger facility in the near future. License amendment requirements were discussed during the review.

**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, daily area surveys, package surveys and wipes and injection technique were successfully described or observed.

Licensed material was observed adequately secured during the review and was not readily accessible to members of the general public.

Independent measurements taken indicated a 0.04mr/hr in the hot-lab area. It should be noted, however, that this is a small clinic and overall imaging room background levels may range from 0.04mr/hr to 0.4mr/hr, depending on the number of patients present.

Personal dosimetry records reviewed indicated whole-body readings for 2005 of 209 mRem and 430 mRem extremity. YTD 2006 readings were not available at the time of inspection.