

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Nuclear Cardiology Associates, P.C. 8564 Broadway Merrillville, IN 46410		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
REPORT NUMBER(S) 2009-001			
3. DOCKET NUMBER(S) 030-36546	4. LICENSEE NUMBER(S) 13-32503-01	5. DATE(S) OF INSPECTION March /9 , 2009	

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:

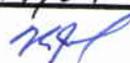
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		3/19/09 

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3. DOCKET NUMBER(S) 030-36546	4. LICENSE NUMBER(S) 13-32503-01	5. DATE(S) OF INSPECTION March 19, 2009	
6. INSPECTION PROCEDURES USED 87130		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2201	2. PRIORITY G5	3. LICENSEE CONTACT Shannon Mc Carthy, M.D., RSO	4. TELEPHONE NUMBER 219-769-1622
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Main Office Inspection Next Inspection Date: March 2014

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee performs approximately 160 diagnostic cardiac procedures per month, utilizing both Tc99m Sestimibi (stress) and thallium201 (resting). One full-time technologist currently performs all patient procedures. An outside consultant performs quarterly program audits which adequately maintain program compliance. The licensee does not receive Mo-Tc99m generators and licensed material is obtained as unit doses from an area nuclear pharmacy.

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.

Dose calibrator constancy checks, injection technique, daily surveys, waste handling and disposal, and package receipt procedures, were successfully observed or described. Available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. A representative sample of program records did not reveal regulatory issues.

Independent measurements taken during the review indicated a maximum reading of 1.5 mr/hr in the hot-lab room. Readings taken in imaging area ranged from 0.04 mr/hr to 0.4 mr/hr (with patient present). Unrestricted areas revealed 0.03 mr/hr. Personal dosimetry records reviewed for 2008 revealed whole-body and extremity readings of 614 mRem and 1030 mRem respectively. YTD 2009 whole-body and extremity readings were 49 mRem and 80 mRem respectively.