

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Academic Cardiology Associates
1701 South Boulevard East
Rochester Hills, MI 48307

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

REPORT NUMBER(S): 10-01

3. DOCKET NUMBER(S)
030-35278

4. LICENSEE NUMBER(S)
21-32228-02

5. DATE(S) OF INSPECTION
December 17, 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) were discussed involving the following requirement(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

Statement of Corrective Actions

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	<i>Andrew M. Bramnik</i>	12/21/2010
Branch Chief	Tamara E. Bloomer	<i>Tamara E. Bloomer</i>	12/21/10

Docket File Information
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6. INSPECTION PROCEDURES 87130	7. INSPECTION FOCUS AREAS 03.01 – 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2201	2. PRIORITY 5	3. LICENSEE CONTACT Laura Luna, RSO	4. TELEPHONE NUMBER 734-662-3197
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Main Office Inspection

Next Inspection Date: December 2015

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee is a private clinic performing approximately 25 diagnostic nuclear medicine procedures per week (Monday-Friday). One full-time nuclear medicine technologist currently performs all patient procedures. The licensee obtains licensed material as unit doses from an area nuclear pharmacy, and does not use xenon-133, bulk doses, or molybdenum/technetium generators. The licensee only performed cardiac studies. 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, and waste handling and disposal procedures were successfully demonstrated. The Radiation Safety Officer, an outside consultant, performs quarterly program audits that 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. A survey meter was found to be calibrated and operational, and performed well in a side-by-side comparison with an NRC instrument during a daily survey of the areas of use.

Independent measurements taken did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry was observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated maximum whole body and extremity readings for 2009 of 208 millirem (mrem) and 670 mrem, respectively. 2010 year-to-date maximum whole body and extremity readings were 420 mrem and 690 mrem, respectively.

No violations were identified during this inspection.

