NRC FORM 591M PART 1
(06-2010)
10 CFR 2.201

U.S NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Cardiology and Vascular Associates 42557 Woodward Avenue, Suite 100 Bloomfield Hills, MI 48304-5038 REPORT NUMBER(S): 11-01	U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-35016	21-32177-01	August 9, 2011

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:

[X] 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	Aaron T. McCraw		8/11/11
Branch Chief	Tamara E. Bloomer		8/13/11

NRC FORM 591 M PART 3 (06-2010) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Cardiology and Vascular Associates 42557 Woodward Avenue, Suite 100 Bloomfield Hills, MI 48304-5038 REPORT NUMBER(S) 11-01	U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-35016	21-32177-01	August 9, 2011

6. INSPECTION PROCEDURES	7. INSPECTION FOCUS AREAS
87130	03.01 – 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1.PROGRAM	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
2201	5	Joe Mueller, RSO	248-322-0083, ext. 404

☒ Main Office Inspection — Next Inspection Date: August 2016

☒ Field Office Inspection — 645 Barclay Circle, Rochester Hills, MI

☐ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a private cardiology group with five locations of use. The licensee only performed cardiac studies. The Bloomfield Hills and Rochester Hills location were staffed five days a week, with two full-time nuclear medicine technologists (NMTs) at each location. Other sites were not operating on a daily basis and were staffed by part-time or contingent NMTs.

Performance Observations

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Patient injections, package receipt, and spill cleanup procedures were observed. Equipment checks, area surveys, and waste disposal procedures were demonstrated.

Licensed material was observed as adequately secured during the review and was not readily accessible to members of the general public. The Radiation Safety Officer supervised licensed activities at all five locations of use. An outside consultant performs biannual program audits that adequately oversee licensed activities at all locations.

Personnel 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 higher extremity doses for two individuals that were involved in kit preparation, when the licensee was using bulk doses. Since April 2011, the licensee only received unit doses from a local pharmacy and did not plan on resuming activities with bulk doses.

The inspector followed up on the report of a contaminated package (NMED Item No. 100533) at the Rochester Hills facility. The licensee took prompt and appropriate corrective actions. This event is closed.

No violations were identified during this inspection.