

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Cardiovascular Clinical Associates, P.C. 29877 Telegraph Road, Suite 400 Southfield, Michigan 48034  REPORT NUMBER(S) 14-01		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-32696	4. LICENSE NUMBER(S)  21-26391-01	5. DATE(S) OF INSPECTION  February 24, 2014	

## 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:

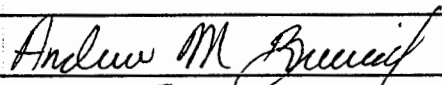
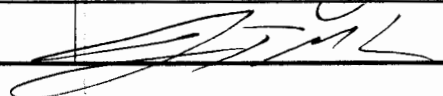
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed. 1R03032696/2009-001
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, 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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

## 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		2/24/14
BRANCH CHIEF	Andrew T. McCreary		3/13/14

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87130		7. INSPECTION FOCUS AREAS  03.01 - 03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT M. Imran Quereshi, M.D., RSO	4. TELEPHONE NUMBER (248) 799-2600
<input checked="" type="checkbox"/> Main Office Inspection      Next Inspection Date: 02/24/2019			
<input type="checkbox"/> Field Office Inspection			
<input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

This was a routine inspection of an outpatient cardiology clinic that performed approximately six to seven diagnostic nuclear medicine procedures per day. One full time nuclear medicine technologist performed all patient procedures Mondays through Thursdays at the main office location in Southfield. A second technologist performed procedures on Mondays and Wednesdays at the location of use in Dearborn Heights. The licensee obtained unit doses of licensed material from an area nuclear pharmacy and was not authorized to receive or administer therapeutic doses of licensed material.

**PERFORMANCE OBSERVATIONS**

The inspector observed two administrations of licensed material during the inspection. These observations, combined with interviews of available staff, revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee successfully demonstrated or described dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures. A contract physicist performed quarterly program audits to help oversee the program. The inspector confirmed that these activities were successfully and routinely completed by reviewing selected records.

Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed a radiation survey meter that was calibrated and operational. Personal whole body and extremity dosimetry badges were 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 that the highest annual whole body and extremity readings since the previous inspection were 270 millirem (mrem) and 1980 mrem, respectively.

No violations were identified during this inspection. The previously-cited violation for a technologist's failure to wear dosimetry is closed.