

(07-2012)  
10 CFR 2.201

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Dearborn Cardiology  
5250 Auto Club Dr.  
Dearborn, MI 48126

REPORT NUMBER(S) 2017-001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenton Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38918

4. LICENSE NUMBER(S)

21-35304-01

5. DATE(S) OF INSPECTION

1/27/17, in-office review  
through 2/13/17

## 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, 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	Robert G. Gattone, Jr.	Robert G. Gattone, Jr.	2/13/17
BRANCH CHIEF	Aaron T. McCraw		2/13/17

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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3. DOCKET NUMBER(S)  030-38918	4. LICENSE NUMBER(S)  21-35304-01	5. DATE(S) OF INSPECTION  1/27/17, in-office review through 2/13/17	
6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  02.01 through 02.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT Laura Luna, RSO	4. TELEPHONE NUMBER (734) 662-3197
<input checked="" type="checkbox"/> Main Office Inspection      Next Inspection Date: 01/27/2022			
<input type="checkbox"/> Field Office Inspection _____			
<input type="checkbox"/> Temporary Job Site Inspection _____			

**PROGRAM SCOPE**

The in-office review included conducting the exit meeting with the licensee's radiation safety officer who was unavailable until 2/13/17. This was an initial inspection of the licensee. The licensee's work hours were 7:00 am to 3:00 pm on Monday, Wednesday, and Friday; and 9:30 am to 5:30 pm on Tuesday and Thursday. The licensee had one nuclear medicine technologist (NMT). The licensee conducted diagnostic cardiac imaging only. The licensee used unit dosages only, and they were delivered by a local nuclear pharmacy.

**Performance Observations**

The inspector: (1) observed that licensed material was secured; (2) observed the NMT use protective clothing when handling licensed material; (3) observed the NMT conduct dose calibrator and well counter constancy checks prior to first use of the day; (4) noted that the authorized user was as required; (5) noted that the RSO was as required; (6) observed the NMT conduct required surveys of received packages containing licensed material; (7) observed that the facility was as per the diagram in the license; (8) used an NRC owned, calibrated survey instrument to measure a maximum of 0.05 milliroentgen per hour at selected surfaces of the nuclear medicine facility; (9) observed that the NMT wore whole body and extremity dosimeter badges; (10) noted that the licensee planned to submit a license amendment request authorization to do thyroid uptakes in the future; (11) observed that the licensee had required postings; (12) observed the NMT use time, distance, and shielding to limit radiation exposure; (13) observed the NMT administer licensed material to patients; (14) reviewed selected quarterly program audits; (15) reviewed records showing that the first receipt of licensed material was after the license was issued; (16) reviewed dosimetry records showing that the maximum whole body and extremity doses were well below regulatory limits; (17) reviewed selected records for dose calibrator calibrations; (18) reviewed selected sealed source leak test records; (19) noted that selected survey instruments were calibrated as required; (20) reviewed selected area survey records; (21) observed the NMT demonstrate how she would respond to a radioactive spill based on a scenario posed by the inspector; (22) observed the NMT prepare Limited Quantity packages for shipment; and (23) observed the NMT demonstrate how decay-in-storage waste disposal was done.

No violations were identified during the inspection.