

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Cardiac Care Consultants, P.C.
1730 45th Street
Munster, IN 46321

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-36996

4. LICENSE NUMBER(S)

13-32585-01

5. DATE(S) OF INSPECTION

July 24, 2015

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:

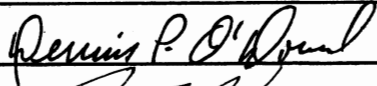
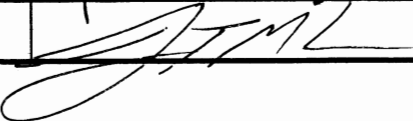
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Dennis P. O'Dowd		7/24/15
BRANCH CHIEF	Aaron T. McCraw		8/11/15

Docket File Information

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3. DOCKET NUMBER(S) 030-36996	4. LICENSE NUMBER(S) 13-32585-01	5. DATE(S) OF INSPECTION July 24, 2015	
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 Anuradha Divakaruni, M.D.	4. TELEPHONE NUMBER (219) 836-9677
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 07/24/2020			
<input type="checkbox"/> Field Office Inspection _____			
<input type="checkbox"/> Temporary Job Site Inspection _____			

PROGRAM SCOPE

This was a routine inspection of a private clinic located in Munster, Indiana, performing approximately 25 diagnostic cardiology procedures weekly using Technetium-99m (Tc-99). One full-time technologist currently performed all patient procedures. The licensee obtained licensed material as unit doses from an area nuclear pharmacy, and did not use xenon-133, bulk doses, or generators. During the exit meeting at the conclusion of the inspection, the licensee's co-owner/Radiation Safety Officer stated that it is the licensee's intention to discontinue licensed activities by the end of August 2015, and upon completion of decontamination/decommissioning, request that the NRC terminate the license.

Performance Observations

The inspector observed one stress dose of Tc-99m being administered to a patient. This observation, along with interviews conducted with the technologist revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, daily and weekly surveys, package receipt, waste handling and disposal procedures, and injection techniques were successfully observed or demonstrated. An outside consultant performed quarterly program audits that were adequate. Required training was documented.

Licensed material was adequately secured during the review and not readily accessible to members of the general public. A survey meter was calibrated, operational, and performed well (within 10 percent) in a side-by-side comparison with an NRC instrument.

Independent measurements 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 were observed worn by 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 for the period since the previous inspection were for 2012, which were 454 millirem (mrem) and 1570 mrem, respectively. Personal dosimetry records reviewed for YTD 2015 did not indicate whole body or extremity exposures approaching 10 CFR Part 20 limits.

No violations were identified during this inspection.