

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Michigan Cardiology Associates, P.C.
4020 Venoy Road
Suite 200
Wayne, MI 48184

REPORT NUMBER(S) 2020001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-39168

4. LICENSE NUMBER(S)

21-32468-02

5. DATE(S) OF INSPECTION

June 22, 2020

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	Edward F. Harvey	Edward Harvey <small>Digitally signed by Edward Harvey Date: 2020.06.22 13:47:28 -04'00'</small>	6/22/2020
BRANCH CHIEF	Michael Kunowski		

Docket File Information

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3. DOCKET NUMBER(S) 030-39168	4. LICENSE NUMBER(S) 21-32468-02	5. DATE(S) OF INSPECTION June 22, 2020
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT Chandrakant Pujara, MD - RSO	4. TELEPHONE NUMBER (734) 779-7692
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: June 22, 2025
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

This was an announced initial inspection of a private cardiology clinic authorized to possess and use unsealed byproduct material for diagnostic medical procedures at their location in Wayne, Michigan. The licensee staffed two nuclear medicine technologists (NMTs) who performed 3-5 nuclear stress tests per day, on Mondays and Thursdays only. All radiopharmaceuticals were received from a licensed nuclear pharmacy in the form of unit doses. The licensee retained the services of a medical physics consultant for instrument calibrations and quarterly program audits.

The inspector toured the licensee's facility in Wayne to evaluate the licensee's measures for material security, hazard communication, and exposure control. The inspector observed two diagnostic administrations of licensed material for cardiac stress tests and noted that the NMT had personnel dosimetry, wore appropriate personal protective equipment, and assayed the dose prior to the administration. The inspector observed the NMT demonstrate package receipt procedures, dose calibrator quality control, and survey procedures. The NMT also demonstrated adequate knowledge of radiation protection principles and emergency procedures through interviews with the inspector.

The inspector reviewed a selection of licensee records, including quarterly audits, source inventories, survey meter calibration records, package receipt logs, personnel training, and dosimetry with no issues noted. In addition, the inspector performed independent surveys, which revealed no readings that would indicate residual contamination or exposures to members of the public in excess of regulatory limits.

No violations of NRC requirements were identified during this inspection.