

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:  Heart and Vascular Institute Harper Professional Building 4160 John R. Detroit, MI 48201  REPORT NUMBER(S) 2016001</p>	<p>2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)  030-38248</p>	<p>4. LICENSE NUMBER(S)  21-32784-01</p>	<p>5. DATE(S) OF INSPECTION  July 12, 2016</p>

**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:

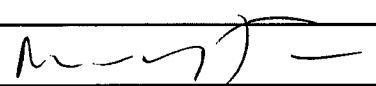

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Navid Tehrani		7/12/16
BRANCH CHIEF	Aaron McCraw	 for ATM	8/15/16

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  03.01-03.08
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02220	2. PRIORITY:  3	3. LICENSEE CONTACT  Creagh E. Milford D.O., RSO	4. TELEPHONE NUMBER  (248) 666-5200
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Main Office Inspection      Next Inspection Date: 07/12/2019  
 Field Office Inspection  
 Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of a private clinic that was authorized to use licensed material permitted by Title 10 of the Code of Federal Regulations (10 CFR) Section 35.200. Licensed material was used and stored at the licensee's two clinics in Detroit and Dearborn, Michigan. The licensee also operated a mobile diagnostic nuclear medicine service out of the Dearborn facility. The licensee employed one nuclear medicine technologist (NMT) at the main office location in Detroit, and one NMT at the field office location in Dearborn. At the Detroit facility the licensee performed 8-10 diagnostic cardiac tests per day, and conducted a variety of studies five days a week. At the Dearborn facility the licensee conducted approximately 3-10 diagnostic cardiac tests per day on Thursday and Friday. At both locations the licensee ordered unit doses from a local radiopharmacy. Additionally, the licensee employed an outside consultant who conducted audits of the radiation safety program on a quarterly basis. The last audit was done in June 2016.

**Performance Observations**

Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures were successfully demonstrated by appropriate staff. The inspector observed a resting cardiac stress administration with no concerns to note. The inspector determined that an outside consultant performed quarterly program audits that were adequate to oversee the program. Licensed material was adequately secured. The licensee possessed a radiation survey meter that was calibrated, operational, and it performed well in side-by-side comparison with an NRC instrument. Independent measurements indicated acceptable readings in restricted and unrestricted areas. Personal whole body and extremity dosimeters were worn by the staff during the inspection, and the dose records did not indicate doses in excess of 10 CFR Part 20 limits.

No violations of NRC requirements were identified during this inspection.

*GW  
for ATM*