

(07-2012)  
10 CFR 2.201

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

West Michigan Cardiology  
743 E. Beltline NE  
Grand Rapids, MI 49525Locations inspected:  
Greenville, MI  
Grand Rapids, MI

## 2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S) 2015-001

## 3. DOCKET NUMBER(S)

030-34906

## 4. LICENSE NUMBER(S)

21-32147-01

## 5. DATE(S) OF INSPECTION

APRIL 21-22, 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:


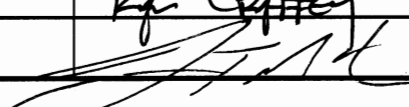
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		4/22/15
BRANCH CHIEF	Aaron McCraw		5/6/15

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  West Michigan Cardiology 743 E. Beltline NE Grand Rapids, MI 49525  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)  030-34906	4. LICENSE NUMBER(S)  21-32147-01	5. DATE(S) OF INSPECTION  April 21-22, 2015	
6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  All		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02201	2. PRIORITY  5	3. LICENSEE CONTACT  Tejinder S. Mander, MD - RSO	4. TELEPHONE NUMBER  (616) 754-9146
<input checked="" type="checkbox"/> Main Office Inspection      Next Inspection Date: 04/21/2020			
<input checked="" type="checkbox"/> Field Office Inspection      705 Greenville West Drive, Greenville, MI			
<input type="checkbox"/> Temporary Job Site Inspection			

**PROGRAM SCOPE**

This was a routine inspection of a cardiology clinic authorized to use perform diagnostic administrations of radiopharmaceuticals at facilities in Grand Rapids and Greenville, Michigan. At the time of the inspection, one full-time nuclear medicine technologist performed up to eight cardiac stress tests per day using unit doses from a licensed radiopharmacy. The technologists normally performed these tests at the Greenville location on Mondays and Fridays, and at the Grand Rapids location Tuesdays through Thursdays. The licensee retained the services of a medical physics consultant to conduct audits of the program on a semiannual basis.

**PERFORMANCE OBSERVATIONS**

The inspector toured both clinics to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys of the clinics, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the preparation and administration of four cardiac stress tests using technetium-99m, as well as the receipt of packages containing radioactive material, and the conduct of area surveys. The licensee's nuclear medicine technologist also demonstrated the implementation of licensee procedures for decay-in-storage waste disposal and spill response. Through these demonstrations and other discussions, the inspector found the technologist to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of licensee records for package receipt, area survey, dose calibrator quality control, sealed source inventories and leak testing, training, dosimetry, and quarterly audits.

No violations of NRC requirements were identified as a result of this inspection.