



**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
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3. DOCKET NUMBER(S)  030-34906	4. LICENSE NUMBER(S)  21-32147-01	5. DATE(S) OF INSPECTION  April 21-22, 2015
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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  All
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**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
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Main Office Inspection                      Next Inspection Date: 04/21/2020

Field Office Inspection    705 Greenville West Drive, Greenville, MI

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.