

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Michigan Cardiology, P.C. G-1386 South Linden Road Flint, MI 48532 REPORT NUMBER(S) 2015001	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) 030-34796	4. LICENSE NUMBER(S) 21-32110-01	5. DATE(S) OF INSPECTION 12/1/2015 with continued review through 12/15/2015
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6. INSPECTION PROCEDURES USED IP 87130	7. INSPECTION FOCUS AREAS 03.01 through 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT Tina Wrinkle	4. TELEPHONE NUMBER (810) 720-1720
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Main Office Inspection Next Inspection Date: 12/15/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine unannounced inspection of a cardiology group authorized to use byproduct material for diagnostic administrations of radio pharmaceuticals at its facilities in Flint, Michigan. The licensee is not conducting any studies at the time of this inspection because their camera had broken on November 24, 2015, and was in need of replacement. At that time the Radiation Safety Officer (RSO) resigned. The licensee's consultant prepared a request for license amendment to replace the RSO. The request was submitted to NRC Region III on December 9, 2015. The licensee normally conducts studies Tuesdays, Wednesdays, and Thursdays. One nuclear medicine technologists performed all patient procedures. The licensee obtained licensed material as unit doses from an area nuclear pharmacy.

The licensee has not performed any stress doses of technetium-99m since the camera broke and the RSO left. This activity in conjunction with interviews of available staff revealed an inadequate level of understanding of emergency and material handling procedures and techniques. The new nuclear medicine technologist will be sent for training before administrations resume. Dose calibrator constancy checks, package receipt, daily surveys, waste handling and disposal procedures had been conducted successfully before the camera broke. Licensed material was observed as adequately secured during the review and was not readily accessible to members of the public. A survey meter was found to be calibrated and operational, and performed well in side-by-side comparison with an NRC instrument. Independent measurements taken did not indicate readings in excess of Title 10 of the Federal Regulations (10CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry was reviewed during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated maximum whole body and extremity readings for 2014 of 146 and 450 millirem respectively.

No violations of NRC regulatory requirements were identified during this inspection.