

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: McLaren Northern Michigan d/b/a Michigan Heart & Vascular Specialists 560 West Mitchell St., Suite 400 Petoskey, Michigan 49770 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) 030-35824	4. LICENSE NUMBER(S) 21-32345-01	5. DATE(S) OF INSPECTION October 8, 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:

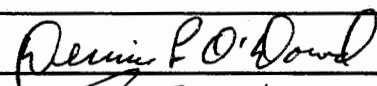
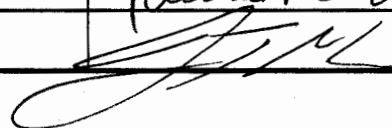
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Dennis P. O'Dowd		10/8/15
BRANCH CHIEF	Aaron T. McCraw		11/7/15

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02220, 02201	2. PRIORITY 3	3. LICENSEE CONTACT James Carson, CNMT, RSO	4. TELEPHONE NUMBER (231) 487-2490
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Main Office Inspection Next Inspection Date: 10/08/2018
 Field Office Inspection
 Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine, unannounced inspection of a cardiology clinic, authorized for use at its main facility in Petoskey, MI, and for mobile nuclear medicine services at temporary job sites, that performed approximately 150 diagnostic nuclear cardiology procedures per month using Tc-99m. Two full time and two part time nuclear medicine technologists performed all patient procedures Mondays through Fridays. The licensee performed mobile nuclear medicine services on the third and fourth Tuesday of every month at a facility in Rogers City, MI, every Wednesday at a facility in Gaylord, MI, and one Friday each month at a facility in East Jordan, MI. The mobile van is parked at its authorized location adjacent to the licensee's facility each Monday, Thursday, most Fridays, every weekend, and other times when not at remote use facilities. The licensee obtained unit doses of licensed material from a nuclear pharmacy in Traverse City, MI, and did not use bulk doses or molybdenum/technetium generators. The licensee was not authorized to administer therapeutic doses of licensed material.

PERFORMANCE OBSERVATIONS

This inspection consisted of direct observations, interviews with select licensee personnel, tour of the nuclear medicine department and mobile van, independent measurements, and a review of select records. Direct observation of two Tc-99m sestamibi administrations and interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The licensee successfully demonstrated dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures, both at the licensee's permanent facility and on its mobile van. Licensed material was adequately secured and not readily accessible to members of the general public; the licensee discussed/demonstrated material security for the mobile van, as well as proper material transportation. A consultant physicist performed quarterly and annual audits of the licensee's radiation safety program. The licensee possessed multiple radiation survey meters that were calibrated, operational, and performed comparably (within 10%) to readings from an NRC survey meter. Personal whole body and extremity dosimetry badges were observed being worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated that the highest annual whole body and extremity readings since the previous inspection were 466 millirem (mrem) and 1280 mrem, respectively. Personal dosimetry records reviewed for YTD 2015 did not indicate whole body and extremity exposures approaching 10 CFR Part 20 limits.

No violations were identified during this inspection.