

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Mid-Michigan Diagnostic
1513 S. Center Road
Burton, MI 48509

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Lisle, Illinois 60532-4351

REPORT **2006-001**

3. DOCKET NUMBER(S)
030-37056

4. LICENSEE NUMBER(S)
21-32601-01

5. DATE(S) OF INSPECTION
May 11, 2006

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, NUREG-1600, to exercise discretion, were satisfied.

Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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

Ken Lambert

Ken Lambert

5/17/06

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Mid-Michigan Diagnostic REPORT 2006001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-3705635070	4. LICENSE NUMBER(S) 21-32601-01	5. DATE(S) OF INSPECTION May 11, 2006	
6. INSPECTION PROCEDURES 87130	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2220	2. PRIORITY G3	3. LICENSEE CONTACT Jaime Herner, CNMT	4. TELEPHONE NUMBER 810/577-8694
<input type="checkbox"/> Main Office Inspection		Next Inspection Date: May 2009	
<input type="checkbox"/> Field			
<input checked="" type="checkbox"/> Temporary Job Site	2575 McCleod Drive, Saginaw, Michigan		

PROGRAM SCOPE

This is the initial inspection for this mobile nuclear medicine licensee. The licensee is authorized to possess 10 CFR 35.200 material and performs diagnostic nuclear medicine procedures in locations throughout Central Michigan. This inspection was conducted at a temporary job-site in Saginaw, Michigan. At the Saginaw, Michigan location, the licensee was performing approximately 8 cardiac stress tests weekly. One technologist and an exercise physiologist perform the tests. Generators are not received and all material is obtained from an area nuclear pharmacy in the form of unit doses which are delivered directly to the client facility. The technologist coordinates delivery and is present at the client facility to receive the doses. The imaging camera is set up in one room of the client's facility, with an adjoining room containing the injection area and treadmill for the stress portion of the test. An outside consultant (MPC) performs program compliance audits quarterly. Radiopharmaceutical (iodine-131) therapy administrations are not performed by the licensee.

Performance Observations

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Daily surveys, waste disposal and injection technique were successfully described or demonstrated. According to licensee representatives, shipping papers accompany each transport between job-sites. Training records were reviewed with no issues noted.

Licensed material was observed under surveillance at the time of inspection and was not readily accessible to members of the general public.

Independent measurements taken indicated a maximum reading of 1.5mr/hr within 1 foot of the transportation cases containing the doses. Readings in unrestricted areas ranged between 0.02 mr/hr and 0.1 mr/hr (Areas outside the two rooms used for scanning and injections). Background levels were 0.02 mr/hr. Personal dosimetry records reviewed for technical staff for 2006 YTD with the maximum whole body dose of 169 mrem and the maximum extremity dose 420 mrem.