

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Mid-Michigan MRI, PET-CT 1215 East Michigan PET Suite 101 Lansing, Michigan 48912  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)  030-38155	4. LICENSE NUMBER(S)  21-32767-01	5. DATE(S) OF INSPECTION  May 22, 2015
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**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:

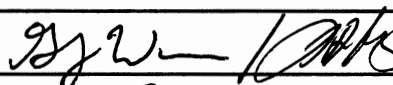
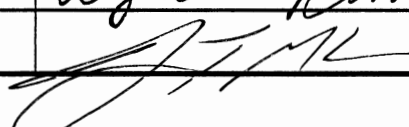
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Geoffrey M. Warren / Luis Nieves Folch		05/22/15
BRANCH CHIEF	Aaron T. McCraw		5/29/15

**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)  2121	2. PRIORITY  5	3. LICENSEE CONTACT  Ashley Wezensky, Team Advisor	4. TELEPHONE NUMBER  (517) 364-2335
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Main Office Inspection                      Next Inspection Date:                      May 2020

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was a routine, unannounced inspection. The licensee is a PET clinic which is located within the Sparrow Hospital, Lansing, MI campus and performs about seven PET/CT imaging studies daily utilizing F-18 (FDG) for the diagnosis of active patient tumors and metastasis. Bulk doses are received from a nuclear pharmacy and a Intego PET Infusion System is used to inject the patients, but technologists can also prepare and administer doses manually. The facility is staffed by two nuclear medicine technologists on rotation from Sparrow Hospital. The licensee is operational Monday-Friday from 7:00 to 5:00.

Performance Observations: The inspectors observed one administration of licensed material using the Intego machine, including the machine preparation and a package receipt survey and wipe. The technologist demonstrated dose calibrator constancy, survey meter and wipe counter QC, package return survey and wipe and weekly wipes, and described waste disposal. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of dosimetry records indicated no exposure of regulatory concern. Review of licensee documents prepared from a outside company quarterly for the program audits, training, leak test and calibration were satisfactory. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings. No violations of NRC requirements were identified during this inspection.