

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Advanced PET Imaging Network  
4005 Orchard Drive  
Midland, Michigan

REPORT NUMBER(S) 2013001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38146

4. LICENSE NUMBER(S)

21-32763-01

5. DATE(S) OF INSPECTION

May 22, 2013

**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:

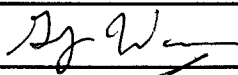

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		5/22/13
BRANCH CHIEF	Aaron T. McCraw		5/30/13

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  03.01 - 03.08
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02220	2. PRIORITY  3	3. LICENSEE CONTACT  James Botti, M.S., RSO	4. TELEPHONE NUMBER  (989) 839-1479
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Main Office Inspection                      Next Inspection Date: May 2016

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

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

**PROGRAM SCOPE**

The licensee was a mobile PET coach headquartered in Midland, Michigan. The licensee provided PET imaging services using fluorine-18, primarily tumor imaging, to Mid-Michigan Medical Center in Midland, St. Mary's Town Center in Saginaw, and other area medical facilities. The coach was staffed with two nuclear medicine technologists during normal operating hours. Five technologists worked part-time for the licensee, and also worked at other area hospitals. Two drivers transported the coach between sites. Technologists typically performed 140 PET imaging procedures monthly. Doses were received as unit doses at the coach from a licensed radiopharmacy. The licensee was considering adding a second coach in the future.

Performance Observations: The inspector observed two diagnostic administrations of licensed materials, including dose preparation and disposal. Licensee personnel demonstrated dose calibrator constancy checks, survey meter and wipe counter QC, package receipt and return surveys and wipes, and daily contamination surveys and wipes. The inspector noted no concerns with these activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Review of dosimetry and survey records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

The licensee's RSO is a contract physicist. Licensee management work at Mid-Michigan Medical Center. Additional contacts include Mike VanderPol, System Imaging Manager, at (989) 839-1384.