

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Advanced PET Imaging Network 4000 Wellness Drive Midland, MI 48670 REPORT NUMBER(S) 2016001	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) 030-38146	4. LICENSE NUMBER(S) 21-32763-01	5. DATE(S) OF INSPECTION July 13, 2016
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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02220	2. PRIORITY 3	3. LICENSEE CONTACT James M Botti, MS - RSO	4. TELEPHONE NUMBER (734) 839-1384
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Main Office Inspection Next Inspection Date: 07/13/2019

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a mobile PET imaging service owned and operated as a joint venture between two health systems in the mid-Michigan region. The service operated one coach and staffed it with one or two nuclear medicine technologists, depending on the scheduled workload. The technologists performed approximately 140 administrations monthly, using unit doses of F-18 FDG delivered directly to the trailer from a nearby radiopharmacy. On Mondays and some Saturdays, the coach was stationed at one of three small hospitals (in Marlette, Tawas City or Alma, Michigan); on Tuesdays and Wednesdays at the Mid-Michigan Medical Center in Midland; and on Thursdays and Fridays at St. Mary's of Michigan Towne Centre Surgery Center in Saginaw. The licensee's medical physics consultant audited the program quarterly, and served as the RSO.

PERFORMANCE OBSERVATIONS

The inspector toured the imaging coach, located in a parking lot on the southeast corner of the Mid-Michigan Medical Center campus in Midland, Michigan, to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent and confirmatory surveys of the coach and adjacent restricted areas of the hospital used for patient holding, and observed three administrations of F-18 FDG. The inspector also observed the receipt of packages containing licensed materials, and demonstrations of the implementation of established procedures for area surveys, spill response, decay-in-storage waste handling, and transportation of licensed material.

The inspector also reviewed a selection of records, including dose calibrator quality control documentation, sealed source inventories and leak test results, dosimetry reports, quarterly consultant audits and hazmat refresher training certificates.

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