

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION



1. LICENSEE Missouri Imaging Affiliates LLC REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-35772	4. LICENSE NUMBER(S) 24-32331-01	5. DATE(S) OF INSPECTION March 14, 2007	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT David J. Keys, Ph.D., RSO	4. TELEPHONE NUMBER 314-567-4343
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Main Office Inspection Next Inspection Date: **Mar. 2012**

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

The licensee was an outpatient PET clinic located in St. Louis, Missouri, which primarily served the St. Louis area. Licensee had authorization to use byproduct materials under Section 35.200, but performed no such studies using licensed material; all imaging studies used fluorine-18. The only licensed activities were possession and use of cesium-137 sources in an ADAC camera and a cesium-137 check source for the dose calibrator, in accordance with license conditions. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist, who had conducted around 10 procedures in the previous month.

According to licensee personnel, the licensee was ceasing operations as of March 15, 2007. They had made arrangements for a final survey of the use areas after that date, and intended to request license termination once the survey was completed and the sources were transferred.

Performance Observations

The inspector was unable to observe any licensed activities except for storage because no technologist was available at the time of the inspection except by telephone. Review of records indicated that all sources had been inventoried and leak-tested at required intervals, and that survey meters were calibrated as required. Dosimetry records indicated no doses of concern. Radiation surveys indicated radiation levels consistent with licensee postings.