

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Pioneer Pharmacy REPORT NUMBER(S) 2009-01		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 03037831	4. LICENSE NUMBER(S) 17-32715-01MD	5. DATE(S) OF INSPECTION December 15, 2009	
6. INSPECTION PROCEDURES USED 87125 (09/28/05)		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02500	2. PRIORITY 2	3. LICENSEE CONTACT Kathern LeBlanc, RSO	4. TELEPHONE NUMBER 314/426-5290
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Main Office Inspection Next Inspection Date: **December 2011**

Field Office **1968 Innerbelt Business Center, Overland, Missouri**

Temporary Job Site Inspection

PROGRAM SCOPE

This nuclear pharmacy employs 2 pharmacists, 1 pharmacy technician, and 4 drivers. Currently the licensee has approximately 10+ customers located in Missouri and Illinois. The licensee prepares and distributes an average of 30-100 unit doses/day, Tc-99m and TI-201 only. No iodine capsules are compounded. Daily nuclear pharmacy production begins around 3:30 am each morning. The licensee occasionally redistributes dose calibrator check sources to clients.

Performance Observations

Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee's pharmacy staff demonstrated/discussed: (1) generator handling, moly tests, and QC procedures; (2) unit dose prep procedures; (3) DOT packaging and transportation procedures; (4) area/contamination surveys (5) wipe test counting (6) survey instruments and calibrations; (7) postings and labeling; (8) verification of sealed source inventory used for dose calibrators and wipe test counters; (9) training; (10) program audits; (11) dosimetry records; (12) waste handling; (13) facility security; (14) emergency procedures and any events; and (15) records of customer licenses.

The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.