

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Perry County Memorial Hospital		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
REPORT NUMBER(S) 2010-01			
3. DOCKET NUMBER(S) 03018404	4. LICENSE NUMBER(S) 24-17037-02	5. DATE(S) OF INSPECTION July 13, 2010	
6. INSPECTION PROCEDURES USED 87130 (10/24/02)		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT Chris Webbenmeyer, Rad. Dir.	4. TELEPHONE NUMBER 573-768-3293
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <u>July 2015</u>	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site Inspection		<u>Avery Behrle, Chief N.M. Tech</u>	

PROGRAM SCOPE

The licensee is a medical facility located in Perryville, Missouri, authorized by the license to use any byproduct material permitted by 10 CFR 35.100 and 35.200. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one FT, two PT (if needed) nuclear medicine technologists (NMTs) who rotate work days with diagnostic X-ray duties. The NMTs averaged 2-4 diagnostic scans daily and iodine-123 administered for uptakes. Diagnostic studies were predominately technetium-99m cardiac studies or bone imaging. The department received unit doses and bulk tech as needed from a nearby St. Louis nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy. No change in RSO since the previous inspection. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

Performance Observations

Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee's Chief NMT and Radiology Director demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) unit dose prep; (4) wipe test counting; (5) dosimetry (for 2009: 30 mr DDE, 320mr SDE); (6) waste handling; (7) sealed source inventories; (8) security of licensed material; (9) dose calibrator tests; (10) radiation safety program audits; and (11) any minor contamination events (none).

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