

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Department of the Army General Leonard Wood Army Community Hospital 126 Missouri Avenue Fort Leonard Wood, MO 65473 REPORT NUMBER(S) 2013-001	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) 030-08561	4. LICENSE NUMBER(S) 24-15095-01	5. DATE(S) OF INSPECTION August 7, 2013
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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01-08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2120	2. PRIORITY 3	3. LICENSEE CONTACT Major Theresa McDonald, RSO	4. TELEPHONE NUMBER (573) 596-4913
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Main Office Inspection Next Inspection Date: August 8, 2016
 Field Office Inspection _____
 Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee is a hospital located at Fort Leonard Wood and performs activities authorized by 10 CFR 35.100, 35.200, and 35.300. The licensee employs three full time nuclear medicine technologists, one authorized user and the radiation safety officer. The licensee performs 6-8 studies/day, which were primarily bone scans with an occasional HIDA scan. The licensee performed cardiac stress tests on Tuesday and Wednesday. The licensee performs 1-2 whole body scans/week using 200 microcuries of I-123. The licensee had administered I-131 for hyperthyroidism four times since last inspection (7/27/2010). The licensee uses all unit doses received from a local nuclear pharmacy.

PERFORMANCE OBSERVATIONS

The inspector noted that radioactive materials were appropriately secured from unauthorized use. The licensee's staff demonstrated/discussed: (1) dose calibrator checks (daily constancy, quarterly linearity, annual accuracy); (2) package receipt surveys; (3) daily surveys; (4) weekly wipes; (5) sealed source inventory and leak testing; (6) survey instrument checks and calibration; (7) security and storage of radioactive materials; (8) proper handling of radioactive materials, including the wearing of appropriate dosimetry; (9) waste storage and disposal; and (10) radiation safety program audits. The inspector reviewed the following records or documents: (1) package receipt and return; (2) daily survey and weekly wipes results; (3) dose calibrator annual accuracy, quarterly linearity and daily constancy checks; (4) survey meter calibration; (5) waste disposal; (6) annual audit; (7) sealed source inventory; and (8) leak tests results.

The inspector reviewed dosimetry records and noted that the maximum exposures were 43 mrem DDE and 1061 mrem SDE for 2013 through June; 79 mrem DDE and 642 mrem SDE for 2012; and 334 mrem DDE and 1576 mrem SDE for 2011. The inspector performed independent measurements, which were comparable with licensee survey data.

No violations of regulatory requirements were identified.