

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Moberly Hospital Company, LLC
1515 Union Street
Moberly, MO 65270

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

3. DOCKET NUMBER(S)

030-14054

4. LICENSE NUMBER(S)

24-18695-01

5. DATE(S) OF INSPECTION

August 5, 2013

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

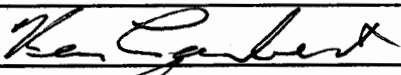
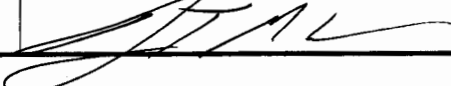
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ken Lambert		8/5/13
BRANCH CHIEF	Aaron McCraw		8/18/13

Docket File Information
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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 John Harkness, RSO	4. TELEPHONE NUMBER (660) 263-8400
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Main Office Inspection Next Inspection Date: August 5, 2016
 Field Office Inspection _____
 Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a small medical institution authorized to possess 35.100, 200, and 300 radioactive materials for diagnostic and therapeutic nuclear medicine procedures. The nuclear medicine department was staffed with one full time technologist, who is also the radiation safety officer, and one part time technologist. The facility performs an average of 20 patients/week. The majority of the studies were cardiac, but included bone, HIDA, gastric emptying and cell labeling. The licensee performed 1-2 hyperthyroid treatments per year using iodine-131. The licensee receives unit doses and one 50 millicurie bulk dose/day from a nuclear pharmacy. The licensee utilizes the services of a consultant who audits the facility semi-annually.

PERFORMANCE OBSERVATIONS

During the inspection, 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 48 mrem DDE and 655 mrem SDE for 2013 through July; 232 mrem DDE and 1707 mrem SDE for 2012; and 217 mrem DDE and 962 mrem SDE for 2011. The inspector performed independent measurements, which were comparable with licensee survey data.

No violations of regulatory requirements were identified.