

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Pemsicot Memorial Health Systems
East Reed Street & Highway 61
Hayti, MO 63851

REPORT NUMBER(S) 13-01

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-12833

4. LICENSE NUMBER(S)

24-17486-01

5. DATE(S) OF INSPECTION

7/11/13

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 | Claire E. Wellinghoff | <i>Claire Wellinghoff</i> | 7/11/13 |
| BRANCH CHIEF | Aaron McCraw | <i>Aaron McCraw</i> | 7/18/13 |

Docket File Information
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| 6. INSPECTION PROCEDURES USED 87130 | 7. INSPECTION FOCUS AREAS 3.01-3.07 |
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SUPPLEMENTAL INSPECTION INFORMATION

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|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S) 02201 | 2. PRIORITY 5 | 3. LICENSEE CONTACT James Hazel, M.D., RSO | 4. TELEPHONE NUMBER (573) 359-3462 |
|---------------------------------|----------------------|---|---|

Main Office Inspection Next Inspection Date: 7/11/2018

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a small hospital authorized to use byproduct material to perform studies permitted by 10 CFR 35.100 and 35.200. The nuclear medicine department was staffed with two part-time technologist who performed approximately 20 diagnostic studies per month. The licensee ordered unit doses from a local radiopharmacy and conducted a full spectrum of diagnostic imaging studies using Tc-99m. The study most commonly performed was the HIDA scan. The licensee did not use generators, and no I-131 was administered for uptakes. All radioactive waste was held for decay in storage in the nuclear medicine hot lab or returned to the radiopharmacy.

Performance Observations

There were no administrations to observe at the time of the inspection; however, interviews conducted with a technologist revealed an adequate level of understanding of material handling procedures and techniques. The technologist demonstrated survey meter quality checks and use, package receipt procedures, daily dose calibrator checks, an inventory verification, and disposal procedures with no identified issues. Additionally, the inspector reviewed records of daily surveys, dosimetry reports, disposal records, meter calibrations, annual accuracy tests, and quarterly linearity tests. The inspector performed independent measurements in the nuclear medicine hot lab and imaging room; no observed readings were above background.