

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Phelps County Regional Medical Center
1000 West Tenth Street
Rolla, Missouri 65401

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)

030-14804

4. LICENSE NUMBER(S)

24-18295-01

5. DATE(S) OF INSPECTION

December 17, 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:


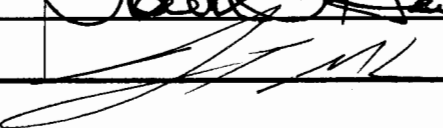
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Robert P. Hays		12/17/13
BRANCH CHIEF	Aaron T. McCraw		3/17/14

Docket File Information

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6. INSPECTION PROCEDURES USED

87132

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02230

2. PRIORITY

2

3. LICENSEE CONTACT

E. F. Downey, D.O., RSO

4. TELEPHONE NUMBER

(573) 364-8899

☒ Main Office Inspection

Next Inspection Date: 12/17/2015

☐ Field Office Inspection☐ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a medical institution authorized by the license to use any byproduct material permitted by 10 CFR 35.100, 35.200, 35.300, low dose sealed sources for brachytherapy, and 35.600, using a GammaMed HDR remote afterloader unit at the location specified on the license.

During the previous inspection, the licensee's nuclear medicine and low dose brachytherapy radiation safety programs were reviewed. This inspection focused on the licensee's HDR Remote Afterloader radiation safety program. The oncology staff included one authorized user, one medical physicist, and one dosimetrist who routinely average one patient case per month, with the majority being MammoSite procedures. HDR sources were exchanged two to three times each year. The most recent patient treatment was on November 1, 2013.

Performance Observations

During the inspection, the licensee's medical physicist demonstrated/discussed: (1) survey instruments, required surveys, and calibrations; (2) package receipt and check-in procedures; (3) written directives and treatment plans; (4) security and storage of licensed material; (5) electrometer and well-chamber instruments (were not on site at the time of the inspection- borrowed from Missouri Baptist Hospital in St. Louis, MO); (6) full calibrations and output checks; (7) daily checks; (8) emergency tools and posted emergency procedures; (9) PrimeAlert radiation monitor testing and battery backup; (10) HDR annual refresher training and emergency drills; and (11) written procedures.

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