

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Black River Medical Center
221 Physicians Park Dr.
Poplar Bluff, MO 63901

REPORT NUMBER(S) 2018001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-35968

4. LICENSE NUMBER(S)

24-32383-01

5. DATE(S) OF INSPECTION

5/17/18

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:

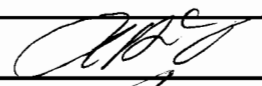

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Luis Nieves Folch		5/17/18
BRANCH CHIEF	Aaron T. McCraw		6/21/18

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Black River Medical Center 221 Physicians Park Dr. Poplar Bluff, MO 63901 REPORT NUMBER(S) 2018001	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) 030-35968	4. LICENSE NUMBER(S) 24-32383-01	5. DATE(S) OF INSPECTION May 17, 2018
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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Mark Gates, MD, RSO	4. TELEPHONE NUMBER (573) 727-9080
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Main Office Inspection Next Inspection Date: May 17, 2021

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of an eighth-bed hospital authorized by its NRC license to use unsealed byproduct material for diagnostic and therapeutic procedures under 10 CFR 35.100, 35.200, and 35.300 at its facility in Poplar Bluff, MO. A local radiopharmacy delivered unit doses to the hospital for a variety of diagnostic procedures. The clinic employed one full-time nuclear medicine technologist who staffed the department on Mondays through Fridays. The licensee performed approximately 50 diagnostic studies per month. The licensee did not administer any I-131 or any other therapies. The clinic retained the services of a medical physics consultant to perform instrument calibrations, leak tests, and quarterly audits of the radiation safety program.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine laboratory and observed the licensee demonstrate package receipt surveys and instrument quality control checks. The licensee demonstrated preparation and administration of radioactive material, because there were no patient administrations scheduled at the time of the inspection. The inspector performed independent surveys of the hot lab and other areas of the nuclear medicine department and found no contamination or exposures to members of the public distinguishable from background. The licensee demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed quarterly audit reports, spill reports, and documentation of package receipt, area surveys, instrument quality control, waste disposal, and employee training. The inspector also reviewed monthly dosimetry reports, which indicated annual whole-body and extremity doses below regulatory limits.

During the last inspection one violation was identified for the nuclear medicine technologist's failure to wear finger exposure monitor TLD during the preparation, assay, and administration of radioactive materials. The inspector reviewed the corrective actions taken by the licensee by reviewing dosimetry records and interviewing staff. The inspector identified no evidence to suggest that the violation recurred and closed the previous violation.

No violations of NRC requirements were identified during this inspection.