

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>BJC Health System for Physicians Group 1390 Highway 61 South Crystal City, MO 63019</p> <p>REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-37446</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32650-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p style="text-align: center;">April 25, 2018</p>

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	Kevin G. Null	<i>Kevin G. Null</i>	4/25/18
BRANCH CHIEF	<i>Damon T. McCann</i>	<i>[Signature]</i>	5/4/18

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: BJC Health System for Physicians Group LC-Heartcare Associates 1390 Highway 61 South Crystal City, MO 63019 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) 030-37446	4. LICENSE NUMBER(S) 24-32650-01	5. DATE(S) OF INSPECTION April 25, 2018
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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03-01 - 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2201	2. PRIORITY 5	3. LICENSEE CONTACT Shannon Meyer, CNMT	4. TELEPHONE NUMBER (618) 406-6558
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Main Office Inspection Next Inspection Date: 04/25/2023
 Field Office Inspection _____
 Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection of a small cardiology clinic. The licensee employed one full-time certified nuclear medicine technologist (CNMT). The licensee performed about 8 - 10 nuclear cardiology studies per week. The clinic included one imaging room and a hot lab. Unit doses of technetium-99m were supplied by a local radiopharmacy. Radiopharmacy drivers were provided access to the hot lab for early morning delivery of radioactive material. The licensee contracted with a health physics consultant, who audited the program quarterly and provided instrumentation calibration services.

PERFORMANCE OBSERVATIONS

The CNMT and Radiation Safety Officer were not available for the inspection. An office administrative assistant, who remained present for the inspection, allowed the inspector access to the hot lab and imaging room after contacting the CNMT by telephone. The CNMT described procedures for the receipt and survey of packages from the radiopharmacy, and thresholds for notifying the radiopharmacy and NRC if a package had removable contamination exceeding the threshold value. The CNMT discussed the use of dosimetry, protective clothing (lab coat, gloves, and syringe shields) when preparing unit doses and injecting patients. The CNMT also described daily calibration of the dose calibrator, handling and processing of radioactive waste for decay in storage, and daily and weekly surveys for radiation levels and removable contamination. The inspector located the licensee's survey meter and confirmed that the instrument responded to radioactivity. The inspector also noted that the instrument was calibrated annually by the licensee's consultant. The CNMT directed the inspector to the location where records were maintained. The inspector reviewed sealed source leak test records and the most recent documentation of the licensee's physical inventory. The CNMT directed the inspector to the location of the sealed sources. All sources were accounted for by the inspector.

Using a Canberra model RadEyeG gamma survey meter calibrated on 9/12/17, the inspector performed independent surveys of the hot lab and imaging room. Radiation levels ranged from 0.05 mrem/hr (background) - 0.10 mrem/hr in the hot lab.

No violations or NRC requirements were identified.