

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Cass Regional Medical Center 2800 Rock Haven Road Harrisonville, MO 64701 REPORT NUMBER(S) 2017001	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) 030-29723	4. LICENSE NUMBER(S) 24-20234-02	5. DATE(S) OF INSPECTION 8/11/17
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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:

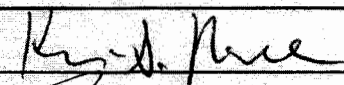
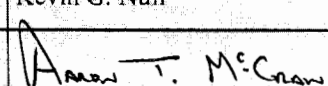
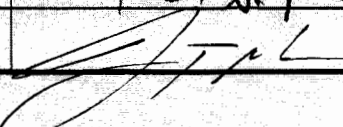
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		8/11/17
BRANCH CHIEF			8/30/17

Docket File Information

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1. LICENSEE/LOCATION INSPECTED:

Cass Regional Medical Center
2800 Rock Haven Road
Harrisonville, MO 64701

REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-29723

4. LICENSE NUMBER(S)

24-20234-02

5. DATE(S) OF INSPECTION

August 11, 2017

6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

2120

2. PRIORITY

3

3. LICENSEE CONTACT

Julie German

4. TELEPHONE NUMBER

(816) 887-0338

Main Office Inspection

Next Inspection Date: 08/11/2020

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine, unannounced inspection of a 25-bed medical center that was authorized to use material described 10 CFR Sections 35.100, 200, and 300. Nuclear medicine staffing was provided by Clinishare on an as needed basis. One certified nuclear medicine technologist (CNMT) conducted 2 - 3 diagnostic imaging procedures per day. The medical center had one imaging room and one hot lab. Unit doses were provided by a licensed nuclear pharmacy. The licensee had not performed any radiopharmaceutical therapy procedures described in 10 CFR 35.300 since the last inspection that was conducted on November 5, 2014.

PERFORMANCE OBSERVATIONS

The inspector followed up on corrective actions taken by the licensee as a result of a violation issued on November 28, 2014. The violation pertained to a failure to have an authorized user for material in 10 CFR 35.300 sign and date a written directive before administering 29.9 millicuries of iodine-131 to a patient. The licensee trained staff in the requirement that only approved authorized users on the license can sign and date written directives. The licensee had not performed any procedures requiring a written directive since the last inspection. Based on interviews of a CNMT, the inspector confirmed that the training was provided. This violation is considered closed.

The inspector toured the nuclear medicine department and interviewed the CNMT. The inspector observed a calibrated survey instrument, adequate shielding and radiation safety equipment located in the hot laboratory, proper postings of the imaging room and the hot laboratory, appropriate measures taken for the security of radioactive material, and the use of personal protective equipment and dosimetry. The CNMT demonstrated how a daily survey is performed.

The inspector reviewed dose calibrator calibration records, results of surveys of packages received from the radiopharmacy, leak test records, records of waste disposal, and personal dosimetry reports. The maximum whole body exposure for 2016 was 158 mrem, and the maximum extremity was 1,170 mrem. For 2017 to date, the maximum whole body exposure was 108 mrem, and the maximum extremity was 670 mrem.

No violations of NRC requirements were identified.