

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Rush Memorial Hospital  
1300 North Main Street  
Rushville, IN 46173

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)

030-34900

4. LICENSE NUMBER(S)

13-32145-01

5. DATE(S) OF INSPECTION

February 27, 2018

## 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:

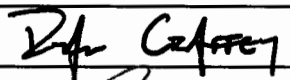
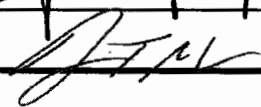
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violations(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		2/27/18
BRANCH CHIEF	Aaron McCraw		03/05/2018

**Docket File Information**

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February 22, 2018

6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

All

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Stephanie Sparks, CNMT - RSO

4. TELEPHONE NUMBER

(765) 932-7556

☒ Main Office Inspection

Next Inspection Date: 02/22/2021

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of a community hospital in Rushville, Indiana, authorized to use byproduct material for diagnostic and limited therapeutic medical purposes. At the time of the inspection, one technologist (the RSO) performed up to three diagnostic administrations per day, Monday through Thursday, using unit doses only, as well as occasional therapeutic administrations of I-131 in capsule form exclusively for hyperthyroidism treatments. The licensee retained the services of a consulting physicist who audited the radiation safety program quarterly, and maintained an RSC, which met quarterly.

**PERFORMANCE OBSERVATIONS**

The inspector toured the hospital in Rushville to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector confirmed that the new restricted area for nuclear medicine matched the description provided by the licensee in its notification dated May 4, 2017. The inspector conducted independent surveys of the facility, including both the new and old restricted areas, and found no evidence of residual contamination or area exposure rates in excess of regulatory limits to members of the public. The inspector noted that the old restricted area was still secured against unauthorized access, as closeout surveys had been performed but the area had not yet been released for unrestricted use, pending receipt and approval of survey documentation by the NRC.

The inspector observed the administration of two unit doses for a cardiac stress test, as well as demonstrations by the technologist of the receipt of packages containing radioactive material, the conduct of area surveys, and decay-in-storage radioactive waste handling. The inspector also reviewed a selection of records, including consultant audits, RSC meeting minutes, documentation of various radiation surveys and instrument quality assurance checks, personnel dosimetry reports, and written directives for all therapeutic administrations performed since the last inspection.

No violations of NRC requirements were identified as a result of this inspection.