

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Hills & Dales General Hospital 4675 Hill Street Cass City, MI 48726 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) 030-35923	4. LICENSE NUMBER(S) 21-26080-02	5. DATE(S) OF INSPECTION March 30, 2018
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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT Vikram Rao, MD - RSO	4. TELEPHONE NUMBER (989) 872-2121
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Main Office Inspection Next Inspection Date: March 30, 2023
 Field Office Inspection _____
 Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a regional hospital authorized to use byproduct material for diagnostic medical procedures under 10 CFR 35.100 and 35.200 at its facility in Cass City, Michigan. The licensee employed one full-time and one contingent nuclear medicine technologist (NMT) who administered diagnostic doses of technetium(Tc)-99m to approximately nine patients per week. Administrations were performed Tuesday through Friday. The licensee retained the services of a medical physics consultant to perform equipment calibrations and quarterly audits of the nuclear medicine program.

The inspector observed the NMT demonstrate survey meter checks, package receipt and surveying procedures, daily dose calibrator constancy checks, and area survey procedures. In addition, the inspector observed the administration of Tc-99m for a white blood cell imaging procedure. The inspector noted that the NMT wore the appropriate personal protective equipment, assayed the dose, and verified patient identity prior to administering the dose. The NMT also demonstrated adequate knowledge of radiation protection principles and emergency procedures in the event of a spill through interviews with the inspector. All licensed material was secured from unauthorized removal when not under surveillance of licensee personnel.

The inspector reviewed a selection of licensee records, including quarterly audits, source inventories, survey meter calibration records, package receipt logs, and dosimetry with no issues noted. In addition, the inspector performed independent surveys, which revealed no readings that would indicate residual contamination or exposures to members of the public in excess of regulatory limits.

No violations of NRC requirements were identified during this inspection.

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1. LICENSEE/LOCATION INSPECTED:

Hills & Dales General Hospital
4675 Hill Street
Cass City, MI 48726

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)

030-35923

4. LICENSE NUMBER(S)

21-26080-02

5. DATE(S) OF INSPECTION

March 30, 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:

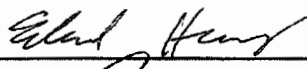
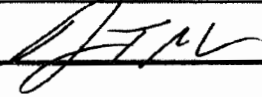
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Edward F. Harvey		3/30/18
BRANCH CHIEF	Aaron T. McCraw		04/10/2018