

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Dickinson County Memorial Hospital
1721 South Stephenson Avenue
Iron Mountain, MI 49801

REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-17318

4. LICENSE NUMBER(S)

21-18889-01

5. DATE(S) OF INSPECTION

JUNE 16TH 2016

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:

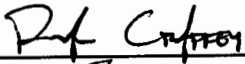

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violations(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		6/16/16
BRANCH CHIEF	Aaron McCraw		6/24/16

Docket File Information

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June 16, 2016

6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Katelyn Meehan - NM Section Head

4. TELEPHONE NUMBER

(906) 776-5578

☒ Main Office Inspection

Next Inspection Date: 06/16/2019

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced routine inspection of a community hospital authorized to use byproduct material for medical purposes at its facility in Iron Mountain, Michigan. At the time of the inspection, two nuclear medicine technologists performed five to eight diagnostic administrations (mostly cardiac stress tests) each weekday using unit and bulk doses from a local radiopharmacy. Although authorized for therapeutic administrations of byproduct material, the licensee had not performed any such administrations since before the last inspection. The licensee was, however, preparing to begin administration of I-131 capsules in the near future. The licensee retained the services of a contract consulting physicist to review the content and implementation of the radiation safety program quarterly, and maintained a Radiation Safety Committee, which met quarterly as well.

PERFORMANCE OBSERVATIONS

The inspector toured the facility in Iron Mountain to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the administration of a cardiac stress test, bone scan and thyroid uptake scan while on-site. The licensee's staff also demonstrated and discussed the implementation of procedures for package receipt, decay-in-storage waste handling, area surveys and spill response. Through these observations and discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector also reviewed a selection of records for dose calibrator quality control, sealed source leak tests and inventories, area surveys, spill reports, dosimetry, worker instruction including hazmat training, consulting physicist audits, and RSC meeting minutes.

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