

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Dickinson County Memorial Hospital  
1721 S. Stephenson Ave.  
Iron Mountain, MI 49801

REPORT NUMBER(S) 2019001

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

May 21, 2019

**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:

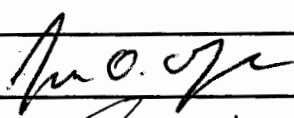
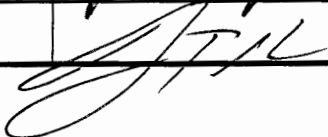
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Jason D. Draper, Health Physicist		5/21/19
BRANCH CHIEF	Aaron T. McCraw		6/4/19

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87131	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  3	3. LICENSEE CONTACT  Dr. John To, RSO	4. TELEPHONE NUMBER  (906) 225-3328
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Main Office Inspection      Next Inspection Date: 05/21/2022

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a hospital nuclear medicine department in Iron Mountain, Michigan. The licensee was authorized to use materials permitted by 10 CFR 35.100, 200 and 300. At the time of the inspection, the licensee employed two full-time NMTs who performed a variety of imaging and uptake studies on approximately 4-6 patients per day, Monday through Friday. The licensee primarily received unit doses of Tc-99m radiopharmaceuticals from a local radiopharmacy. While the licensee was authorized for nuclear medicine procedures requiring a written directive, the licensee had not performed any; however, it is planning to begin using I-131 for treatments later this year. The licensee does not use PET radiopharmaceuticals. The licensee's radiation safety program was reviewed quarterly by a medical physics consultant.

**PERFORMANCE OBSERVATIONS**

The inspector toured the licensee's facility to observe material security, postings, and any other potential hazards to the material. The inspector observed the preparation and administration of a resting dose for a cardiac patient as well as a MUGA administration. The inspector also performed independent surveys of the licensee's facility and did not identify any areas of contamination or dose rates that could result in members of the public exceeding any dose limits. The inspector interviewed the NMTs on material handling, emergency procedures, and tests of the dose calibrator and well counter, as well as procedures for the future use of written directives. A review of records associated with inventories, leak tests, dose calibrator tests, surveys, dosimetry, radiation safety training, and radiation safety program reviews did not reveal any issues.

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