

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

2. NRC/REGIONAL OFFICE

Marlette Regional Hospital
2770 Main Street
Marlette, MI 48453

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

REPORT NUMBER(S) 2019-001

3. DOCKET NUMBER(S)

030-12625

4. LICENSE NUMBER(S)

21-17360-01

5. DATE(S) OF INSPECTION

2/14/19

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		2/14/19
BRANCH CHIEF	Aaron T. McCraw	 for A7M	2/26/19

Docket File Information**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Marlette Regional Hospital
2770 Main Street
Marlette, MI 48453

REPORT NUMBER(S) 2019-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-12625

4. LICENSE NUMBER(S)

21-17360-01

5. DATE(S) OF INSPECTION

February 14, 2019

6. INSPECTION PROCEDURES USED

87130

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Becky Vislosky, Radiology Manager

4. TELEPHONE NUMBER

(989) 635-4365

☒ Main Office Inspection

Next Inspection Date: 02/14/2022

☐ Field Office Inspection☐ Temporary Job Site Inspection**PROGRAM SCOPE**

This was a routine, unannounced inspection of a small medical facility located in Marlette, Michigan. The licensee was authorized for material described in 10 CFR 35.100, 200, and iodine-125 permitted in 35.400. The licensee only conducted diagnostic imaging studies using unit doses of technetium-99m received from a local radiopharmacy. Procedures using iodine-125 seeds have never been conducted, nor has the licensee ever received any iodine-125 seeds. The licensee plans to submit a request to amend its NRC license to delete authorization for 35.400 material. The licensee's nuclear medicine department was staffed by one certified nuclear medicine technologist (CNMT). The department included one hot lab and one imaging room. The CNMT performed an average of 4 - 5 diagnostic imaging studies per day.

Performance Observations

The inspector observed the CNMT prepare, measure, and inject two unit doses for a cardiac imaging procedures. The inspector noted that the CNMT wore appropriate protective clothing, dosimetry, and used a syringe shield to keep personal exposure ALARA. The CNMT demonstrated how packages containing licensed material were received, secured in the hot lab, and surveyed for radiation levels and removable contamination. The CNMT described how she conducted daily surveys of the department for radiation levels and weekly smears for removable contamination.

The inspector reviewed records of daily dose calibrator constancy checks, daily and weekly department surveys, dosimetry, package receipt, survey meter calibration, waste disposal, and sealed source inventory and leak tests. The inspector observed the CNMT conduct a physical inventory of the licensee's 10 sources.

No violations of NRC requirements were identified.