

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Joseph Mercy Port Huron 2601 Electric Avenue Port Huron, MI 48060-6518 REPORT NUMBER(S) 2015-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-09491	4. LICENSE NUMBER(S) 21-15638-01	5. DATE(S) OF INSPECTION OCTOBER 20TH, 2015	

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:

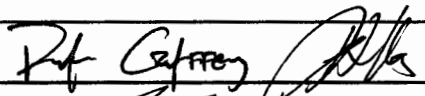
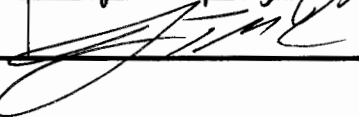
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey / Luis Nieves		10/20/15
BRANCH CHIEF	Aaron McCraw		11/5/15

Docket File Information

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REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-09491

4. LICENSE NUMBER(S)

21-15638-01

5. DATE(S) OF INSPECTION

October 20, 2015

6. INSPECTION PROCEDURES USED

87131, 87132

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Vincent McCormick, MS

4. TELEPHONE NUMBER

(734) 395-9323

- ☒ Main Office Inspection Next Inspection Date: 10/20/2018
- ☐ 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 main facility in Port Huron, Michigan, and at another smaller one in Fort Gratiot, Michigan. At the time of the inspection, one full-time, one part-time and three contingency nuclear medicine technologists at the Port Huron facility performed around three to four diagnostic administrations per day, Monday through Friday, and up to five administrations of I-131 capsules per month. One nuclear medicine technologist at the Fort Gratiot facility performed two to three diagnostic administrations every Wednesday. The licensee also performed permanent and temporary implant brachytherapy procedures at the Port Huron facility. The licensee performed eight brachytherapy treatments in 2013, seven in 2014 and two so far in 2015. The licensee retained the services of a medical physics consultant and maintained a Radiation Safety Committee which met quarterly.

PERFORMANCE OBSERVATIONS: The inspectors toured the facility in Port Huron to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspectors conducted independent and confirmatory surveys of these facilities and found no evidence of residual contamination or exposures to members of the public in excess of regulatory limits. The inspectors observed the preparation and administration of one cardiac stress test and the conduct of area surveys. The inspectors also verified the licensee's inventory of temporary implant brachytherapy seeds. The staff demonstrated the implementation of various licensee policies and procedures, including those for manual brachytherapy planning and treatment, receipt of packages containing radioactive material, waste handling, area surveys, and spill response. Through these observations, demonstrations and other discussions, the inspectors found that the licensee's staff was knowledgeable of radiation protection principles.

The inspectors also reviewed a selection of licensee records, including written directives and treatment plans for manual brachytherapy procedures, written directives and patient release calculations for I-131 capsule administrations, routine nuclear medicine records including training and dosimetry, brachytherapy source inventories, quarterly consultant audits, Radiation Safety Committee meeting minutes, and documentation of a voluntary radiological emergency drill involving licensed material, which was held in April 2015.

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