

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

McLaren

Port Huron Hospital
1221 Pine Grove Avenue
Port Huron, MI 48061

2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S) 2016001

3. DOCKET NUMBER(S)

030-18005

4. LICENSE NUMBER(S)

21-20137-01

5. DATE(S) OF INSPECTION

Nov 1, 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 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.

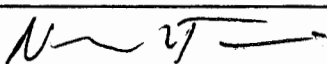
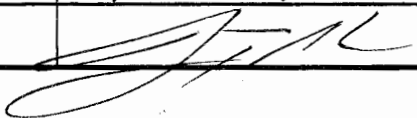
Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 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	Navid Tehrani		11/1/16
BRANCH CHIEF	Aaron McCraw		11/15/16

Docket File Information

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6. INSPECTION PROCEDURES USED

87131

7. INSPECTION FOCUS AREAS

3.01 - 3.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

David P. Tracy, M.D., RSO

4. TELEPHONE NUMBER

(810) 987-5000

- ☒ Main Office Inspection Next Inspection Date: 11/01/2019
- ☐ Field Office Inspection _____
- ☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a mid-sized hospital authorized to use licensed material permitted by 10CFR 35.100, 35.200, 35.300, and 35.400. The hospital employed four full-time nuclear medicine technologists who conducted studies five days a week from 6:30am to 5:30pm. The licensee conducted approximately 170 diagnostic studies per month, which included a full spectrum of studies. The technologists ordered unit and bulk doses from a local radiopharmacy. The hospital performed 2-4 therapeutic administrations (iodine -131) a month. Although authorized for brachytherapy, the licensee had not performed any administrations as of this inspection; however, the licensee plans to do so in the future. The licensee contracted an outside medical physics consultant to conduct quarterly audits of the radiation safety program.

Performance Observations

During the time of the inspection, the inspector observed two patient administrations: one lung and one bone scan. The inspector observed the technologist demonstrate: package receipt surveys and wipes; an inventory cross-check; daily surveys; daily calibrator QA/QC checks; ALARA techniques used when handling patient dosages; spill response procedures; and radioactive waste disposal. The inspector reviewed licensee records, including leak test results, Radiation Safety Committee meeting minutes, dosimetry results, daily survey results, radioactive waste disposal logs, audit results, weekly wipe test results, accuracy test results, instrument calibrations, linearity test results, hazmat training, and annual radiation safety training.

No violations of NRC requirements were identified during this inspection.