

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Hurley Medical Center
Department of Radiology
One Hurley Plaza
Flint, MI 48503

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)

030-01993

4. LICENSE NUMBER(S)

21-00338-02

5. DATE(S) OF INSPECTION

December 5-12, 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:

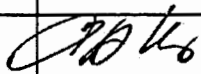

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Luis Nieves Folch		12/12/19
BRANCH CHIEF	Robert Ruiz		1/6/20

Docket File Information

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3. DOCKET NUMBER(S) 030-01993	4. LICENSE NUMBER(S) 21-00338-02	5. DATE(S) OF INSPECTION December 5-12, 2019	
6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS All		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02240	2. PRIORITY 2	3. LICENSEE CONTACT Anish Bansal - RSO	4. TELEPHONE NUMBER (810) 262-9835
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☒ Main Office Inspection Next Inspection Date: December 12, 2021

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of a regional hospital authorized to use byproduct material under 10 CFR 35.100, 200, 300, and 1000(Y-90) at its campus in Flint, Michigan. At the time of the inspection, the licensee performed a comprehensive spectrum of diagnostic and therapeutic administrations of radiopharmaceuticals in addition to approximately 12 administrations of Y-90 Thera-Spheres per year, 13 administrations of I-131 per year, and 20 diagnostic (Tc-99) administrations per week. The nuclear medicine department was staffed with two full-time nuclear medicine technologists from Mondays to Fridays. The hospital retains the services of a medical physics consultant to perform quarterly audits, instrument calibrations, inventories and leak tests.

PERFORMANCE OBSERVATIONS

The inspector toured the facilities to evaluate the licensee's measures for material security, hazard communication, and exposure control. The inspector observed the preparation and administration of two stress tests. The inspector conducted independent surveys and found no residual contamination or exposures to members of the public distinguishable from background. The technologist on staff demonstrated implementation of procedures for package receipt, area surveys, spill response, and waste handling. The technologist demonstrated adequate knowledge of radiation protection principals.

The inspector reviewed the licensee's records for administration of byproduct material requiring a written directive, including numerous I-131 and Y-90 therapies. The inspector also reviewed a selection of nuclear medicine records, personnel dosimetry, quarterly audits, inventory, leak tests, linearity, accuracy, and RSC meeting minutes.

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