NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Hurley Medical Center Department of Radiology One Hurley Place Flint, Michigan 48503 REPORT NUMBER(S) 2018001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-01993	21-00338-02	2/27/18

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 violations(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	Geoffrey Warren, Sr. HP		2/27/18
BRANCH CHIEF	Aaron McCraw		3/8/18

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-01993	21-00338-02	February 27, 2018

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87131	03.01 - 03.09

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02240	2	Anish Bansal, M.D., RSO	(810) 262-9835

☑ Main Office Inspection Next Inspection Date: 02/27/2020

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced routine inspection. The licensee was a 418-bed hospital facility located in Flint, Michigan, that performed licensed activities under 10 CFR 35.100, 35.200, and 35.300. The nuclear medicine department was staffed with two full-time nuclear medicine technologists and one nurse. The nuclear medicine staff typically administered 80 diagnostic doses monthly and around 10 iodine-131 therapy doses annually, with the iodine in capsule form. The diagnostic procedures included a wide variety of imaging and uptake studies using technetium-99m. The department received unit doses as needed from a licensed nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy. Although authorized to use materials under 10 CFR 35.1000, the licensee has not yet performed any microspheres procedures, but they may begin soon with supervision by manufacturer staff.

Performance Observations: The inspector observed four diagnostic administrations of licensed material, including dose preparation and disposal, as well as package receipt surveys and wipes. Nuclear medicine staff demonstrated or explained a variety of diagnostic and therapeutic procedures, well counter and survey meter QC, daily and weekly contamination surveys, and other procedures. The inspector noted no concerns with these activities. The inspector reviewed written directives for radiopharmaceutical therapies and identified no concerns. Radiation Safety Committee minutes indicated appropriate topics of discussion and good attendance by RSC members. Review of dosimetry records indicated no exposures of regulatory concern. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

No violations were identified during this inspection.