



**Docket File Information**  
**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) 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)  030-01993	4. LICENSE NUMBER(S)  21-00338-02	5. DATE(S) OF INSPECTION  October 19, 2015
--------------------------------------	---	--

6. INSPECTION PROCEDURES USED  87131, 87132	7. INSPECTION FOCUS AREAS  All
---	--------------------------------------

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02240	2. PRIORITY  2	3. LICENSEE CONTACT  Gurkan Ege, MD - RSO	4. TELEPHONE NUMBER  (810) 257-9000
---------------------------------	----------------------	---	---

Main Office Inspection                      Next Inspection Date: 10/19/2017

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced routine inspection of a 440-bed regional hospital authorized to use byproduct material for medical purposes at its facility in Flint, Michigan. At the time of the inspection, one full-time and one part-time technologist performed five to ten diagnostic administrations per day, Monday through Friday, and one or two therapeutic administrations of I-131 capsules per month. Although authorized to administer Y-90 microspheres, the licensee had not yet done so, and at the time of the inspection had no plans for any such administrations in the near future. The licensee retained the services of a medical physics consultant to review the content and implementation of the program quarterly. The licensee also had a quarterly Radiation Safety Committee that met quarterly.

**PERFORMANCE OBSERVATIONS**

The inspectors toured the facility in Flint 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 several diagnostic administrations of radiopharmaceuticals and the receipt of packages containing radioactive material. The staff also demonstrated the implementation of various licensee procedures, including I-131 in-patient care, waste handling, area surveys, and spill response. The inspectors found through these observations and discussions that the licensee's staff was knowledgeable of radiation protection principles.

The inspectors reviewed a selection of written directives for I-131 administrations, the accompanying treatment verifications, and the patient release calculations, and found that the licensee's procedures provided high confidence that each of these administrations had been performed in accordance with the written directive. The inspectors also reviewed a selection of routine nuclear medicine records, dosimetry, quarterly consultant audits, and Radiation Safety Committee meeting minutes.

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