

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Helen Newberry Joy Hospital  
502 West Harrie Street  
Newberry, MI 49868

REPORT NUMBER(S) 2013-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-34481

4. LICENSE NUMBER(S)

21-32004-01

5. DATE(S) OF INSPECTION

November 20, 2013

**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:

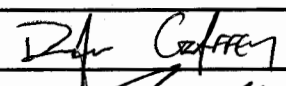

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		11/22/13
BRANCH CHIEF	Aaron McCraw		11/22/13

## Docket File Information

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## 6. INSPECTION PROCEDURES USED

87130

## 7. INSPECTION FOCUS AREAS

All

## SUPPLEMENTAL INSPECTION INFORMATION

## 1. PROGRAM CODE(S)

02121

## 2. PRIORITY

5

## 3. LICENSEE CONTACT

Chad Bruno, CNMT

## 4. TELEPHONE NUMBER

(906) 293-9169

☒ Main Office Inspection

Next Inspection Date: November 2018

☐ Field Office Inspection☐ Temporary Job Site Inspection

## PROGRAM SCOPE

This was a routine inspection of a hospital authorized to use unsealed byproduct material for diagnostic administrations of radiopharmaceuticals at its facility in Newberry, Michigan. The hospital employs one full-time nuclear medicine technologist who performs approximately 10-15 studies per week. The technologist administers stress tests on Tuesdays and Wednesdays and all other diagnostic studies on Thursdays, using unit doses provided by a radiopharmacy in Marquette, Michigan. The hospital retains the services of a medical physics consultant to perform instrument calibrations, leak tests, and quarterly audits of the radiation safety program.

## PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine lab and evaluated the licensee's measures for material security, radiological shielding and hazard communication. The technologist demonstrated adequate knowledge or radiation protection principles and licensee procedures through interviews and demonstrations of package receipt, area surveys, spill response and waste handling. The inspector observed two diagnostic administrations of radiopharmaceuticals while on-site, noting adequate use of time and shielding to maintain exposures ALARA and administration of doses within 10% of those approved by an authorized user (the RSO). Independent and confirmatory surveys of the hot lab and other areas of the department found no residual contamination or exposures to members of the public distinguishable from background.

The inspector also reviewed a selection of licensee records for instrument quality control, package receipt, dose preparation, sealed source inventory and leak testing, decay-in-storage waste disposal, training, quarterly audits, and dosimetry, which indicated that exposures from licensed activities were below regulatory limits.

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