

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Putnam County Hospital 1542 South Bloomington Street Greencastle, IN 46135  REPORT NUMBER(S) 2020-001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S)  030-32363	4. LICENSE NUMBER(S)  13-26028-02	5. DATE(S) OF INSPECTION  1/10/2020

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	Kevin G. Null	<i>K. G. Null</i>	1/10/2020
BRANCH CHIEF	Robert Ruiz	<i>R. Ruiz</i>	1/29/20

**Docket File Information**

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1542 South Bloomington Street  
Greencastle, IN 46135

REPORT NUMBER(S) 2020-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-32363

4. LICENSE NUMBER(S)

13-26028-02

5. DATE(S) OF INSPECTION

January 10, 2020

6. INSPECTION PROCEDURES USED

87130

7. INSPECTION FOCUS AREAS

All

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

2121

2. PRIORITY

5

3. LICENSEE CONTACT

Paul Sanders, Dir. of Radiology

4. TELEPHONE NUMBER

(765) 301-7323

☒ Main Office Inspection

Next Inspection Date: 01/10/2025

☐ Field Office Inspection

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine, unannounced inspection of a small community hospital that was authorized to use material described in 10 CFR 35.100, 35.200, and 10 CFR 31.11 for in vitro studies. The licensee employed 1 certified nuclear medicine technologist (CNMT) who performed 3 - 5 diagnostic nuclear medicine studies on Mondays, Wednesdays, and Fridays each week. The nuclear medicine department included 1 imaging room with 1 camera, and 1 hot lab. The licensee used unit doses that were provided by a local radiopharmacy. Radiopharmacy drivers were escorted by hospital staff to the hot lab for delivery of license material. No PET procedures were performed. The licensee contracted with a medical physics consultant who conducted quarterly audits of the licensee's radiation protection program.

**Performance Observations**

The inspector interviewed the CNMT and Director of Radiology, and observed the CNMT prepare a dose for a patient injection. The inspector noted that the CNMT wore appropriate protective clothing and used equipment that included a lab coat, gloves, syringe shield, and whole body and extremity dosimetry. The CNMT demonstrated daily constancy checks of the dose calibrator, and the inspector reviewed a random selection of dose calibrator QA/QC records created since the last inspection. The inspector observed the CNMT perform a physical inventory of sealed sources that were possessed by the licensee, and compared the inventory to the last inventory that was conducted by the licensee's consultant. All sources were accounted for. The inspector reviewed a random selection of records including dosimetry for 2018 and 2019, package receipt survey records, consultant audit reports, sealed source leak test results, and the licensee's radiation safety procedure manual. The inspector also performed independent surveys of the hot lab and imaging room. Radiation levels ranged from 0.03 mrem/hour - 0.05 mrem/hour.

No violations of NRC requirements were identified.