

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

IU Health Morgan  
2209 John R. Wooden Drive  
Martinsville, Indiana 46151  
*Martinsville*  
REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-12775

4. LICENSE NUMBER(S)

13-17449-01

5. DATE(S) OF INSPECTION

May 26, 2016

**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:

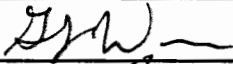
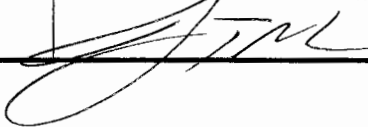
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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             | Geoffrey M. Warren |  | 5/26/16 |
| BRANCH CHIEF              | Aaron T. McCraw    |  | 6/3/16  |

**Docket File Information**

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|--------------------------------------|---|--|

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| 6. INSPECTION PROCEDURES USED<br><br>87131 | 7. INSPECTION FOCUS AREAS<br><br>03.01 - 03.09 |
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**SUPPLEMENTAL INSPECTION INFORMATION**

|                                 |                      |   |   |
|---------------------------------|----------------------|---|---|
| 1. PROGRAM CODE(S)<br><br>02120 | 2. PRIORITY<br><br>3 | 3. LICENSEE CONTACT<br><br>Matthew A. Hadden, RSO | 4. TELEPHONE NUMBER<br><br>(765) 349-6513 |
|---------------------------------|----------------------|---|---|

Main Office Inspection                      Next Inspection Date: May 2019  
 Field Office Inspection  
 Temporary Job Site Inspection

**PROGRAM SCOPE**

This was a routine, unannounced, inspection. The licensee was a outpatient medical facility located in Martinsville, Indiana, with authorization to use byproduct materials in Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist. The licensee's nuclear medicine staff typically administered 10 diagnostic doses monthly, including a variety of uptake and imaging procedures. Therapy doses included one samarium-153 dose and around 40 radium-223 chloride doses administered since the previous inspection; none have been performed in over a year. Doses were received as unit doses from an area nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy.

Performance Observations: No licensed activities were being performed at the time of the inspection. Licensee staff demonstrated morning checks, package receipt and return surveys and wipes, and daily and weekly contamination surveys, and described dose preparation, administration, and disposal, and emergency procedures. The inspector noted no concerns with these activities. The inspector reviewed written directives for radiopharmaceutical therapies and identified no concerns. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Dosimetry records indicated no exposures of regulatory concern. 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.