

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Dukes Health System, LLC  
d/b/a Dukes Memorial Hospital  
275 West 12th Street  
Peru, IN 46970-1698

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)

030-14065

4. LICENSE NUMBER(S)

13-18703-01

5. DATE(S) OF INSPECTION

February 18, 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:

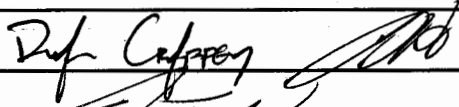
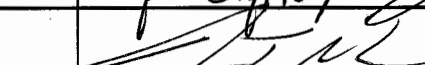
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey / Luis Nieves Folch		2/18/2016
BRANCH CHIEF	Aaron T. McCraw		2/20/16

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87131	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  3	3. LICENSEE CONTACT  Rik Stephens, M.D. - RSO	4. TELEPHONE NUMBER  (765) 472-8000
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Main Office Inspection                      Next Inspection Date: February 18, 2019

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

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of a community hospital authorized to perform diagnostic and therapeutic administrations of radiopharmaceuticals at its facility in Peru, Indiana. At the nuclear medicine department in Peru the licensee performed two to eight diagnostic administrations per day, which mostly consisted of cardiac imaging, and around one therapeutic administrations of I-131 a month. The department received unit doses as needed from a licensed nuclear pharmacy. Nuclear medicine procedures were performed from Monday to Friday. The nuclear medicine department was staffed with one full time nuclear medicine technologist.

**PERFORMANCE OBSERVATIONS**

The inspectors toured the nuclear medicine department and hot lab to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspectors conducted independent surveys of these areas, and found no exposures to members of the public distinguishable from background. The licensee demonstrated procedures for preparing and administering the material, surveys, spill cleanup and receiving packages, since they were no actual administrations to observe at that time. The inspectors reviewed a selection of written directives and treatment plans for I-131 administrations, in addition to routine nuclear medicine records, radiation safety committee meeting minutes, consultant audits, equipment calibration, training and dosimetry.

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