

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Indiana University Health Ball Memorial Physicians 2525 West University Avenue, Suite 300 Muncie, IN 47303 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-36069	4. LICENSE NUMBER(S) 13-32412-01	5. DATE(S) OF INSPECTION May 11, 2017	

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:

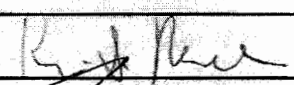
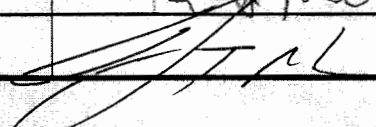
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		05/11/2017
BRANCH CHIEF	Aaron McCraw		5/19/17

Docket File Information

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REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-36069

4. LICENSE NUMBER(S)

13-32412-01

5. DATE(S) OF INSPECTION

May 11, 2017

6. INSPECTION PROCEDURES USED

87130

7. INSPECTION FOCUS AREAS

03.01 - 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

2201

2. PRIORITY

5

3. LICENSEE CONTACT

Holly Rausch

4. TELEPHONE NUMBER

(765) 281-2000

- Main Office Inspection Next Inspection Date: May 2022
- Field Office Inspection _____
- Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection of a nuclear medicine diagnostic imaging clinic that was authorized for material described in 10 CFR Parts 35.100 and 35.200. The licensee had ceased licensed activities in January 2017, and was preparing to terminate its NRC license. The last nuclear medicine studies were conducted on January 9, 2017. On January 16, 2017, the licensee's consultant performed a closeout survey that included radiation level surveys and wipes for contamination. Prior to January 9, the licensee received technetium-99m unit doses from a local, authorized radiopharmacy.

The inspector met with the radiation safety officer and toured the imaging rooms and hot lab. All equipment had been removed, and the licensee was preparing to submit a request to the NRC to terminate the license within the next 2 - 3 weeks. At the time of the inspection, the RSO was preparing to ship the last remaining reference source, a 4.18 millicurie cobalt-57 flood source manufactured by Eckert and Ziegler, for disposal. Two cesium-137 calibration/reference sources were transferred to NRC license number 13-00951-03.

During the inspection, the inspector reviewed dosimetry records. The maximum annual whole body and extremity doses noted since the last inspection were 130 millirems and 920 millirems, respectively. The inspector also reviewed dose calibrator QA/QC records, survey meter calibration documentation, results of daily and weekly area surveys, surveys of incoming radioactive materials packages, and records of waste stored for decay.

The inspector conducted independent surveys in the hot lab and imaging rooms with a Canberra Model MRAD213 survey meter, calibrated on 2/17/17. No radiation levels above background (0.02 mR/h - 0.05 mR/hr) and no residual radioactivity was identified. Based on results of the independent surveys, the inspector concluded that the nuclear medicine area appeared suitable for release for unrestricted use.

No violations of NRC regulations were identified during this inspection.