

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:		2. NRC/REGIONAL OFFICE	
Indiana University Health Saxony Hospital 13000 136th Street Fishers, IN 46037		Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
REPORT NUMBER(S) 2015-001			
3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION	
030-38481	13-32832-01	MARCH 31 <sup>ST</sup> 2015	

**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		3/31/15
BRANCH CHIEF	Aaron McCraw		4/7/15

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Indiana University Health Saxony Hospital 13000 136th Street Fishers, IN 46037  REPORT NUMBER(S) 2015-001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S)  030-38481	4. LICENSE NUMBER(S)  13-32832-01	5. DATE(S) OF INSPECTION  March 31, 2015
--------------------------------------	---	--

6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  All
--	--------------------------------------

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02121	2. PRIORITY  5	3. LICENSEE CONTACT  Robert Anger, MS - RSO	4. TELEPHONE NUMBER  (317) 370-2750
---------------------------------	----------------------	---	---

Main Office Inspection                      Next Inspection Date:                      March 2020

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

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of a community hospital authorized to use byproduct material for diagnostic nuclear medicine procedures at its facility in Fishers, Indiana. At the time of the inspection, two nuclear medicine technologists provided coverage of the licensee's nuclear medicine department weekdays from 7:45 am to 1:30 pm, performing approximately 30 procedures monthly. From July 2012 until October 2014, the licensee was also authorized to perform diagnostic administrations at temporary job sites within NRC jurisdiction. The licensee indicated that it had used this authorization approximately one day per week at the Indiana University (IU) Health Methodist Medical Plaza South in Greenwood, Indiana. In requesting removal for this authorization through correspondence dated July 25, 2014, the licensee stated that the service would eventually be transferred to and resumed by IU Health Saxony Non-Invasive Cardiovascular Testing (030-36670). The licensee retained the services of a medical physics consultant to conduct audits of the program on a quarterly basis.

**PERFORMANCE OBSERVATIONS**

The inspector toured the clinic to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys of the clinic, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector was unable to observe the administration of any radiopharmaceuticals. However, the technologist was able to demonstrate the preparation and administration of such materials, in addition to implementation of licensee procedures for package receipt, instrument quality control, waste handling and spill response. The licensee's RSO also described to the inspector the licensee's past practices for transportation of radioactive material to and conduct of licensed activities at temporary job sites. Through these demonstrations, the inspector found that the licensee's staff was knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements.

The inspector reviewed a selection of licensee records, including incident reports, training documentation, dosimetry, quarterly audits and sealed source inventories, the most recent of which matched the licensee's actual possession.

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