

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

St. John's Hospital - Springfield
Springfield, Missouri and Lebanon, Missouri

2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S) 2010-001

3. DOCKET NUMBER(S)

030-02285

4. LICENSEE NUMBER(S)

24-00866-02

5. DATE(S) OF INSPECTION

11/30-12/1 with review through
12/17/2010

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:

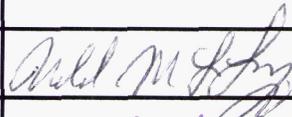
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

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	Michael LaFranzo		12/17/10
Branch Chief	Tamara E. Bloomer		12/10/10

Docket File Information
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1. LICENSEE St. John's Hospital - Springfield REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532	
3. DOCKET NUMBER(S) 030-02285	4. LICENSE NUMBER(S) 24-00866-02	5. DATE(S) OF INSPECTION 11/30-12/1 with review through 12/17/2010	
6. INSPECTION PROCEDURES 87130, 87131, 87132		7. INSPECTION FOCUS AREAS 03.01 - 03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 2120	2. PRIORITY 3	3. LICENSEE CONTACT Nick Lannutti - RSO	4. TELEPHONE NUMBER 417-820-7704
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Main Office Inspection Next Inspection Date: 12/2013
 Field Office Inspection Lebanon, MO Temporary Job Site Inspection

PROGRAM SCOPE

The licensee is permitted to use byproduct material pursuant to 10 CFR 35.100, 35.200, 35.300 and 35.400. The licensee also possesses a licensed material for the use of blood irradiation and a Cs-137 source for the calibration of survey instruments. The licensee is authorized for six locations of use. Each location is authorized for a variety of licensed activities. The main facility performs approximately 1200 diagnostic exams (nuclear medicine and PET) per month, 30 administrations involving I-131 per year, 4-6 administrations involving temporary Cs-137 implants per quarter, and 2-4 administrations of permanent seed (I-125) implants per quarter. The main facility also houses the blood irradiator and meter calibrator. The other facilities primarily are authorized for diagnostic studies. The main facility has 10 technicians while the other facilities have 2-3 technicians per location. The licensee has 10 authorized users and 3 medical physicists.

Performance Observations

The inspector observed several preparations for diagnostic administrations of licensed material; no abnormal issues were identified. The inspector reviewed the licensee's documentation associated with administration of licensed material including numerous written directives and audits regarding those written directives; no violations of NRC requirements were identified. The inspector reviewed documentation associated with the licensee's annual audit program, dosimetry records, inventories, leak tests, and survey meter calibrations; no violations of NRC requirements were identified. The licensee demonstrated calibration procedures for radiation survey instrumentation, no violations of NRC requirements were identified. The inspector performed independent radiation surveys of restricted and unrestricted areas; no abnormal radiation level or contamination was identified at the time of the inspection.

During interviews with licensee staff, the inspector noted that a technician was unable to successfully demonstrate the proper use of a radiation survey instrument. The inspector did not identify a violation of NRC requirements regarding the issue. However, the licensee committed to an annual performance based verification to ensure all technicians can properly use a survey instrument.

KRP