

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  
Monroe Hospital  
4011 South Monroe Medical Park Blvd.  
Bloomington, Indiana 47403

2. NRC/REGIONAL OFFICE  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532

REPORT NUMBER(S): 11-01

3. DOCKET NUMBER(S)  
030-38190

4. LICENSEE NUMBER(S)  
13-32773-01

5. DATE(S) OF INSPECTION  
January 12, 2011

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	Andrew M. Bramnik	<i>Andrew M Bramnik</i>	1/18/2011
BRANCH CHIEF	Tamara E. Bloomer	<i>Tamara Bloomer</i>	1/18/11

*Docket File Information*  
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6. INSPECTION PROCEDURES  87130	7. INSPECTION FOCUS AREAS  03.01 – 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 2121	2. PRIORITY 5	3. LICENSEE CONTACT Erin Bell, RSO	4. TELEPHONE NUMBER 812-825-0834
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Main Office Inspection

Next Inspection Date: January 2016

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

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

**PROGRAM SCOPE**

This was an initial inspection of a 32 bed hospital that performed approximately 18 diagnostic nuclear medicine procedures per month. One full time nuclear medicine technologist performed all patient procedures, with no procedures scheduled on Thursdays. The licensee obtained licensed material as unit doses from an area nuclear pharmacy, and did not use xenon-133, bulk doses, or molybdenum/technetium generators. The licensee exclusively performed cardiac scans, and was not authorized to perform or administer therapeutic doses.

**Performance Observations**

The inspector observed one stress dose and one resting dose of technicium-99m being administered to a patient. These observations, combined with interviews of available staff, revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures were successfully demonstrated. An outside consultant served as the Radiation Safety Officer and also performed quarterly program audits that were adequate to oversee the program.

Licensed material was adequately secured and not readily accessible to members of the general public. A survey meter was calibrated, operational, and performed well in side-by-side comparison with an NRC instrument.

Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body and extremity dosimetry were observed worn by the staff during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. Dosimetry records indicated that maximum whole body reading for 2010 was 25 millirem.

No violations were identified during this inspection.