

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Mary's Medical Center 201 West R.D. Mize Road Blue Springs, Missouri 64014 REPORT NUMBER(S) 2010-001	2. NRC/REGIONAL OFFICE Region III U.S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-18183	4. LICENSEE NUMBER(S) 24-20274-01	5. DATE(S) OF INSPECTION <i>June 28, 2010</i>
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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) was/were discussed involving the following requirement(s) and Corrective Action(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. (Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Geoffrey M. Warren	<i>[Signature]</i>	6/28/10

[Handwritten initials]

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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 03.01 – 03.08		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Patrick M. O'Toole, M.D., RSO	4. TELEPHONE NUMBER 816-655-5572
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Main Office Inspection Next Inspection Date: June 2013

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a 139-bed hospital facility located in Blue Springs, Missouri, with authorization to use byproduct materials in Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one full-time and two part-time nuclear medicine technologists. The licensee's nuclear medicine staff typically administered 120 diagnostic doses monthly and 20 iodine-131 therapy doses annually in capsule form. The diagnostic procedures were predominately technetium-99m hepatobiliary and bone imaging. The department received unit doses as needed from a licensed nuclear pharmacy or prepared doses from bulk technetium obtained from the nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy.

Performance Observations

No administrations of licensed materials were performed during the inspection. Licensee personnel demonstrated dose calibrator constancy checks, package receipt surveys and wipes, survey meter and wipe counter QC, kit preparation, and daily and weekly contamination survey; and described several diagnostic and therapeutic procedures, including dose preparation and disposal. The inspector noted no issues with these activities. The inspector reviewed written directives for iodine-131 therapy procedures and noted no concerns. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.