NRC FORM 591 PART 1
(10-2011)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Missouri Baptist Medical Center 3015 North Ballas Road St. Louis, Missouri 63131 REPORT NUMBER(S) 2013-01	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-08325	24-11128-02	04/18/2013

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 violations(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	Bill C. Lin		5/9/13
BRANCH CHIEF	T. Bloomer		5/16/13

NRC FORM 591M PART 3
(10-2011)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87130, 87131, 87132	3.01-3.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02230	2	Thomas J. Moenster	(314) 996-5397

☑ Main Office Inspection Next Inspection Date: October, 2014

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

EA-12-242

This was a follow-up inspection in response to a Notice of Violation dated January 29, 2013, transmitting a Severity Level III violation to the licensee for failure to have procedures that provide high confidence that administrations are in accordance with the written directives. The licensee had two instances that were identified by the inspector in which the prescribed dose was either entered wrong or had failed to be entered for the prescribed dose within the written directive.

Performance Observations

The inspector reviewed the licensee's written directives that were performed from December 2012 to April 2013. The inspector randomly selected 16 written directives ranging from yttrium-90 procedures, iodine-131 procedures, prostate seed implants, procedures involving samarium-153, and high dose remote afterloader procedures. For the applicable written directives, the inspector verified that a pre-treatment checklist for radiopharmaceutical procedures had been developed, 100 percent audit of all procedures with results reported quarterly to the radiation safety office and to the Radiation Safety Committee, revising the Radiopharmaceutical Therapy Record to add a block to compare the prescribed activity to the assayed activity, and train applicable hospital personnel on how to review written directives . The inspector also verified that the licensee's procedure for reviewing written directives had been updated. The inspector performed an in office review of the licensee's documentations for one of the selected prostate seed implant written directive. The inspector held a final telephone exit meeting with the licensee on May 2, 2013.

All aspect of the licensee's corrective actions were implemented, and the previous violation was closed.

No additional violations of NRC regulatory requirements were identified.