

NRC FORM 591M PART 1
(10-2003) TO CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Luke's Hospital, Radiology Department 232 South Woods Mill Road Chesterfield, Missouri 63017 REPORT NUMBER(S) 2009-001		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) 030-02305	4. LICENSEE NUMBER(S) 24-01570-03	5. DATE(S) OF INSPECTION July 23-24, 2009
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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)

Title 10 CFR 35.60(b) requires, in part, that a licensee calibrate instrumentation used to measure the activity of unsealed byproduct material before it is administered to patients in accordance with nationally recognized standards or the manufacturer's instructions. The licensee's procedure for dose calibrator quality control, which implements the manufacturer's instructions, requires that linearity checks be performed quarterly. Contrary to the above, between October 2, 2008, and July 24, 2009, the licensee failed to perform linearity checks on the dose calibrator at the Theodore Desloge Outpatient Service Building at 121 St. Luke's Center Drive, Chesterfield, Missouri. As corrective action, the licensee performed a linearity check on the dose calibrator on July 24, 2009, and added a reminder to their computer system to ensure the linearity check is performed at the required frequency in the future. In addition, licensee personnel will review the reminder systems at all licensed facilities to ensure that all requirements are included.

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	CHRISTOPHER DURBIN R.S.O	<i>Christopher Durbin, Ph.D.</i>	7/30/09
NRC INSPECTOR	Geoffrey M. Warren	<i>Geoff Warren</i>	7/30/09

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