BY

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

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Bates County Memorial Hospital 615 W. Nursery St. Butler, MO 64730 **REPORT NUMBER(S)** 2008-001	**U.S. Nuclear Regulatory Commission** **Region III** **2443 Warrenville Road, Suite 210** **Lisle, Illinois 60532-4351**

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-14114	24-18740-01	April 7, 2008

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:

[X] 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	G. M. Warren	4/17/08

NRC FORM 591M PART 3
(10-2003) 10 CFR 2.201

Docket File Information

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

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	Kenneth M. Jacob, M.D., RSO	660-679-4135

[X] Main Office Inspection — Next Inspection Date: April 2011

[ ] Field Office

[ ] Temporary Job Site Inspection

PROGRAM SCOPE

The licensee was a 60-bed hospital located in Butler, Missouri, which primarily served the local county. Licensee had authorization to use byproduct materials under 10 CFR 35.100, 35.200, and 35.300. While authorized to use Iodine-131 (I-131) under 35.300, no such procedures had been performed. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with one part-time nuclear medicine technologist, who worked at this facility on Mondays, Wednesdays, and Fridays. The licensee's nuclear medicine staff typically administered 50 diagnostic doses monthly. Doses were primarily technetium-99m for bone, hepatobiliary, and other studies, received as unit doses from a licensed radiopharmacy. In addition, licensee personnel occasionally performed thyroid uptake studies using less than 30 µCi of I-131. All waste was held for decay in storage or returned to the radiopharmacy.

Performance Observations

The inspector was unable to observe any administrations of licensed material during the inspection; no licensed activities were taking place because the nuclear medicine technologist was not present at that time. The technologist described by telephone: dose calibrator constancy, package surveys, daily and weekly contamination surveys, well counter and survey meter QC, dose preparation, administration, and disposal, and procedures that would be followed for an I-131 therapy administration. The inspector found no concerns with these activities. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.

The inspector determined that the licensee had moved the camera room in May 2007 and the hot lab in March 2008, but had not notified the NRC within 30 days of these changes because they sent the notifications to the old address for the Region III office (801 Warrenville Rd.). Because the licensee had not used any materials under 35.300 to date, this falls under the notification requirement in 10 CFR 35.14(b)(5) rather than the license amendment requirement in 10 CFR 35.13(e). In addition, because the licensee had sent the notifications to the wrong address rather than not submitting them, and resubmitted the notifications within a week after the inspection to the proper address, this is categorized as a minor violation. The inspector surveyed the areas which had been released, and identified no evidence of contamination. The new facilities were appropriate for the use of licensed materials.