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
Truman Medical Center Kansas City, MO REPORT 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 - 30130	24-25816-01	April 30, 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:

☐ 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)

Contrary to the licensee's procedures for "Safe Handling Practices for Radioactive Material," on April 30, 2008, a cup and an empty water bottle were stored in the cardiology camera room below a cabinet containing several spent cardiolite doses and one unused 30 mCi Cardiolite stress dose. The licensee will discuss this matter during the next RSC meeting and during a staff meeting with the nuclear medicine technologists.

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	CAROLE J. JONES		4/30/08
NRC INSPECTOR	Deborah A. Piskura		4/30/08

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

Docket File Information

U.S. NUCLEAR REGULATORY COMMISSION

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1. LICENSEE	2. NRC/REGIONAL OFFICE
Truman Medical Center REPORT NUMBER(S) 2008-001	**Region III** **2443 Warrenville Road, Suite 210** **Lisle, IL 60532**

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030-30130	24-25816-01	April 30, 2008

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87130, 87131	03.01 – 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	Lawrence Ricci, M.D. RSO	816-404-0760

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

[ ] Field Office

[ ] Temporary Job Site Inspection

PROGRAM SCOPE

This licensee was a large medical center authorized to use licensed material permitted by Sections 35.100, 35.200, and 35.300. The licensee employed three full-time technologists (assisted by part-time agency technologists) who collectively performed approximately 230-250 diagnostic nuclear procedures per month. The licensee performed a full spectrum of diagnostic studies. The licensee received unit doses from a licensed radiopharmacy. In addition, the licensee administered I-131 hyperthyroid and whole body CA follow up studies. Radioiodine was obtained from the pharmacy in capsule form. Each clinic administered 1-2 whole body studies and 4-5 hyperthyroid treatments annually. The licensee's consultant audited the radiation safety program on a quarterly basis.

This inspection consisted of interviews with licensee personnel, a review of select records, tour of the nuclear medicine department, and independent measurements. The inspection included observations of security of byproduct material, use of personnel monitoring, dose calibrator QA checks, and area surveys. The inspector observed licensee personnel prepare, assay and administer several unit dosages for various testing procedures. The inspector also observed the administration of a 30 mCi I-131 hyperthyroid treatment. The inspector reviewed the written directive for the procedure and observed the patient treatment. The inspector also interviewed the physician authorized user who attended the patient.

License Condition 15.A. of License No. 24-25816-01 references the licensee's renewal application dated July 23, 2003. Item 10 of this application refers to the licensee's established procures for "Safe Handling Practices fro Radioactive Material." Item 5 states, "Do not store food or drink in the same storage location as radioactive material." During the inspector's walk through of the hospital's cardiology department, she found a coffee cup and a vitamin water bottle (both containing residual amounts of coffee/water) on the desk in the camera room. Nuclear cardiology doses were stored in a cabinet above the counter where these items were found and radwaste was stored in a labeled container on the desktop near these personal effects. The licensee planned to take the following corrective actions: (1) discuss policies regarding eating/drinking in RAM areas with the nuclear medicine staff and (2) discuss this matter at the next RSC meeting.