

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
Truman Medical Center, Dept. of Radiology
2301 Holmes Street
Kansas City, Missouri 64108
REPORT NUMBER(S): 2011-001

2. NRC/REGIONAL OFFICE
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532

3. DOCKET NUMBER(S)
030-30130

4. LICENSEE NUMBER(S)
24-25816-01

5. DATE(S) OF INSPECTION
August 12, 2011

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) 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

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	Geoffrey M. Warren		8/12/11
Branch Chief	Tamara E. Bloomer		8/27/11

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE Truman Medical Center Kansas City, MO REPORT NUMBER(S) 2011-001	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
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3. DOCKET NUMBER(S) 030-30130	4. LICENSEE NUMBER(S) 24-25816-01	5. DATE(S) OF INSPECTION August 12, 2011
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6. INSPECTION PROCEDURES 87131	7. INSPECTION FOCUS AREAS 03.01 – 03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 02120	2. PRIORITY 3	3. LICENSEE CONTACT Lawrence Ricci, D.O., RSO	4. TELEPHONE NUMBER 816-404-0760
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- Main Office Inspection Next Inspection Date: August 2014
 Field Office Inspection 660 East 24th St., Kansas City, MO
 Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a 260-bed hospital in Kansas City, Missouri, with authorization to use byproduct materials in Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the locations indicated on the license. The licensee operated two nuclear medicine areas at the hospital: nuclear medicine and cardiology. The nuclear medicine area was staffed with two full-time technologists who performed approximately 120 diagnostic procedures monthly, primarily bone, hepatobiliary, gastric emptying, and other procedures, and approximately five iodine therapies monthly, with iodine in capsule form. The cardiology area was staffed with one full-time technologist who performed approximately 250 cardiology studies monthly, assisted by other personnel. The licensee received unit doses and bulk technetium-99m from a licensed radiopharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy.

Performance Observations

The inspector observed two diagnostic administrations of licensed material, including dose preparation and disposal, as well as package receipt surveys and wipes, and waste package surveys and storage. Licensee personnel demonstrated dose calibrator constancy, well counter and survey meter QC, daily and weekly contamination surveys, and kit preparation, and described a variety of therapeutic procedures and iodine therapies. The inspector noted no concerns with these activities. The inspector reviewed written directives for iodine-131 therapies. 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.

One violation was cited from the previous inspection, concerning the discovery of food and drink in the cardiology area contrary to licensee procedures. The inspector noted no evidence of such items in cardiology or nuclear medicine, and determined that personnel had been retrained not to allow such items in these areas. Based on this determination, the violation is considered closed.