NRC FORM 591M PART 1
(06-2010)
10 CFR 2.201

U.S NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Kirksville Missouri Hospital Company, LLC **d/b/a Northeast Regional Med. Center, Inc.** **800 West Jefferson** **Kirksville, MO 63501** REPORT NUMBER(S) **2011-01**	**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
030-02332	**24-05245-01**	January 25, 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	Robert P. Hays		1/25/11
Branch Chief	Tamara E. Bloomer		2/15/11

NRC FORM 591 M PART 3
(06-2010)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Kirksville Missouri Hospital Company 800 West Jefferson Kirksville, MO REPORT NUMBER(S) 2011-01	U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
03002332	24-05245-01	January 25, 2011

6. INSPECTION PROCEDURES	7. INSPECTION FOCUS AREAS
87132 (12/06/05)	03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1.PROGRAM	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
2120	3	Rusty Beeler, CNMT	660-785-1600

X Main Office Inspection — Next Inspection Date: January 2014

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a medical institution located in Kirksville, Missouri, and is authorized by the license for diagnostic and therapeutic nuclear medicine procedures, prostate seed implants using I-125 or Pd-103, and Gd-153 as sealed sources for attenuation correction.

The nuclear medicine department was staffed with one full-time nuclear medicine technologist (NMT). The NMT typically administered an average of 2-3 studies per week day and averaged 1-2 iodine-131 hyperthyroid therapy cases per year. The diagnostic procedures were predominately cardiac tests, bone imaging, In-111 studies, and I-123 uptakes. The nuclear medicine department received unit doses and bulk Tc-99m from an area nuclear pharmacy. No seed implants or other therapeutic drugs have been administered since the previous inspection. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. No change in RSO or NMT since the previous inspection. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

Performance Observations

During the inspection, the licensee's NMT demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) unit dose prep; (4) wipe test counting and lowest limit of detection (61 dpm); (5) dosimetry (<10% of Part 20 limits); (6) written directives; (7) waste handling; (8) sealed source inventories and leak tests; (9) routine security of licensed material; (10) 1-131 procedures; (11) dose calibrator tests; and (12) radiation safety program audits.