

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<b>1. LICENSEE/LOCATION INSPECTED:</b>  <b>Freeman Neosho Hospital</b> <b>113 West Hickory</b> <b>Neosho, MO 64850</b>  REPORT NUMBER(S)	<b>2. NRC/REGIONAL OFFICE</b>  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III</b> <b>2443 Warrenville Road</b> <b>Suite 210</b> <b>Lisle, Illinois 60532-4351</b>
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<b>3. DOCKET NUMBER(S)</b> <b>030-34412</b>	<b>4. LICENSEE NUMBER(S)</b> <b>24-26789-01</b>	<b>5. DATE(S) OF INSPECTION</b> <i>October 28, 2009</i>
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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)

**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	Robert P. Hays		10/28/09
NRC INSPECTOR			

**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

1. LICENSEE <b>Freeman Neosho Hospital</b> REPORT NUMBER(S) <b>2009-001</b>		2. NRC/REGIONAL OFFICE <b>Region III</b> <b>2443 Warrenville Road, Suite 210</b> <b>Lisle, IL 60532</b>	
3. DOCKET NUMBER(S) <b>03034412</b>	4. LICENSE NUMBER(S) <b>24-26789-01</b>	5. DATE(S) OF INSPECTION <b>October 28, 2009</b>	
6. INSPECTION PROCEDURES USED <b>87131 (10/24/02)</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>02121</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Paul Jones, M.D., RSO</b>	4. TELEPHONE NUMBER <b>417-455-4333</b>
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <b>October 2014</b>	
<input type="checkbox"/> Field Office		_____	
<input type="checkbox"/> Temporary Job Site Inspection		_____	

**PROGRAM SCOPE**

The licensee was a medical institution located in Neosho, Missouri, authorized by the license to use byproduct materials in 10 CFR 35.100, and 35.200, and 31.11 Licensed activities were conducted in the nuclear medicine suite as indicated on the license. The nuclear medicine department was staffed with one nuclear medicine technologist (NMT). The NMT routinely conducted an average of 2-3 diagnostic studies Monday thru Thursday each week with the majority of which being cardiac studies. The licensee received unit doses as ordered from a local licensed nuclear pharmacy. All waste was held for decay-in-storage (DIS) or returned to the nuclear pharmacy as a limited quantity shipment. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

**Performance Observations**

Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee's NMTs demonstrated/discussed: (1) unit dose prep and safe use; (2) package check-in and return procedures; (3) wipe test counting; (4) dose calibrator tests; (5) security of license materials; (6) radiation safety program reviews; (7) surveys; (8) sealed source inventory; (9) dosimetry; and (10) any minor contamination events (none)