

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>St. Alexius Hospital 3933 South Broadway St. Louis, MO 63118</p> <p>REPORT NUMBER(S) 13-01</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-02303</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-01381-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>7/19/13</p>

**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, 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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

**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	Claire E. Wellinghoff	<i>Claire Wellinghoff</i>	7/19/13
BRANCH CHIEF	Aaron McCraw	<i>Aaron McCraw</i>	7/19/13

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87130	7. INSPECTION FOCUS AREAS  03.01-03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02201	2. PRIORITY  5	3. LICENSEE CONTACT  Patrick Cabrera, D.O., RSO	4. TELEPHONE NUMBER  (314) 865-7000
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Main Office Inspection      Next Inspection Date: 07/09/2018

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee was a small hospital authorized to perform studies permitted by 10 CFR 35.100 and 35.200. Since the time of the last inspection, the licensee had added a new Radiation Safety Officer and discontinued their authorization for materials permitted by 10 CFR 35.300. The nuclear medicine department was staffed with 4 technologists who performed approximately 2 diagnostic nuclear medicine procedures each day. The licensee ordered unit doses from a local radiopharmacy and conducted a full spectrum of diagnostic imaging studies. Additionally, the licensee had a consulting physicist audit the radiation safety program on an annual basis.

**Performance Observations**

The inspection consisted of interviews with licensee personnel, reviews of select records, a tour of the nuclear medicine department, and independent measurements. The inspector observed a technologist perform two patient administrations; the inspector observed the technologist draw, assay, and administer a dose for a lung perfusion test and a thyroid scan. The inspection included observations of dose calibrator QA checks, package receipt procedures, area surveys, and inventory spot checks with no identified issues. Based on independent measurements taken in the nuclear medicine hot lab, imaging room, and treadmill, there were no reading above background. Additionally, the inspector reviewed annual audit reports, disposal logs, leak test records, meter calibrations, and dosimetry reports with no problems noted. The maximum whole body (TEDE) and extremity (SDE) exposures (in mrem) since the last inspection were 138 and 550 respectively.