

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Ste. Genevieve County Memorial Hospital 800 Ste. Genevieve Drive Ste. Genevieve, MO 63670</p> <p>REPORT NUMBER(S) 2018001</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>
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<p>3. DOCKET NUMBER(S)</p> <p>030-37003</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32589-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>April 25, 2018</p>
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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:


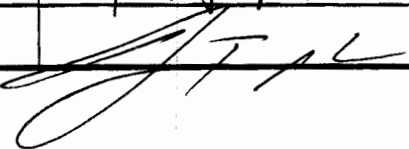
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, 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	Kevin G. Null		4/25/18
BRANCH CHIEF	Aaron T. McCreary		5/4/18

**Docket File Information**  
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6. INSPECTION PROCEDURES USED  87131	7. INSPECTION FOCUS AREAS  03-01 - 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  2120	2. PRIORITY  3	3. LICENSEE CONTACT  Tammy Meyer, Director of Imaging	4. TELEPHONE NUMBER  (573) 883-2751
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Main Office Inspection      Next Inspection Date: 04/26/2021

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

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

**PROGRAM SCOPE**

This was a routine, unannounced inspection of a small hospital located in Ste. Genevieve, Missouri. The hospital was authorized to use byproduct described in 10 CFR 35, Sections 35.100, 35.200, and 35.300. The licensee had not conducted any procedures authorized under 10 CFR 35.300 since the last inspection. The nuclear medicine department was staffed with 1 full-time certified nuclear medicine technologist (CNMT) who performed an average of 1 - 5 diagnostic procedures each day. The department included one imaging camera and hot lab area located in the same room. The room is locked and secured when the CNMT is not present. Unit doses were provided by a radiopharmacy located in St. Louis. The licensee had contracted with a health physics consultant, who audited the licensee's program quarterly and provided instrumentation calibration services.

**PERFORMANCE OBSERVATIONS**

The inspector interviewed the CNMT about radiation safety practices and procedures implemented in the nuclear medicine department, and observed her prepare and inject two unit diagnostic doses of technetium-99m. The CNMT was observed wearing protective clothing, proper whole body and extremity dosimetry, and disposable gloves. The CNMT used syringe shields to keep her radiation exposure ALARA. The CNMT described the daily calibration of the licensee's dose calibrator, demonstrated how she performed radiation surveys of incoming packages from the radiopharmacy, and discussed the performance of daily and weekly surveys of the nuclear medicine area for radiation levels and removable contamination. The CNMT also explained how she processed, surveyed, and disposed of radioactive waste that was held for decay. The CNMT verified and accounted for each sealed source that was documented on the last physical inventory record. The inspector reviewed a random selection of package receipt records and corresponding surveys, area surveys, and annual survey meter calibration records. The maximum exposure received by the CNMT for CY 2017 was 117 mrem whole body, and 365 mrem extremity.

No violations or NRC requirements were identified during this inspection.