

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Golden Valley Memorial Hospital  
1600 North Second Street  
Clinton, MO 64735

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

Region III  
U. S. Nuclear Regulatory Commission  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-11317

4. LICENSE NUMBER(S)

24-16597-01

5. DATE(S) OF INSPECTION

August 21<sup>st</sup>, 2015

**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:

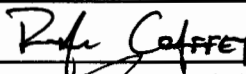
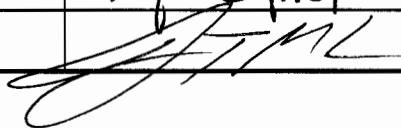
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		8/21/15
BRANCH CHIEF	Aaron McCraw		8/28/15

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Golden Valley Memorial Hospital 1600 North Second Street Clinton, MO 64735  REPORT NUMBER(S) 2015-001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S)  030-11317	4. LICENSE NUMBER(S)  24-16597-01	5. DATE(S) OF INSPECTION  August 21, 2015
--------------------------------------	---	---

6. INSPECTION PROCEDURES USED  87131	7. INSPECTION FOCUS AREAS  All
--	--------------------------------------

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  3	3. LICENSEE CONTACT  Michael Gilbert, DO - RSO	4. TELEPHONE NUMBER  (660) 885-5511
---------------------------------	----------------------	--	---

Main Office Inspection                      Next Inspection Date: 08/21/2018

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

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of a community hospital authorized to perform diagnostic and therapeutic administrations of radiopharmaceuticals at its facility in Clinton, Missouri. At the time of the inspection, three nuclear medicine technologists performed approximately six diagnostic administrations per day, Monday through Friday. The licensee received authorization for therapeutic administrations in May 2014, after removing a previous authorization for therapies in November 2012. The licensee has not yet performed any therapies since adding the authorization back onto its license. The licensee was also planning on moving the department in about a year to a new wing of the hospital currently under construction. The inspector reminded the licensee's technologists of the need to notify the NRC of this change in accordance with 10 CFR 35.14(b)(5). The technologist said that they would discuss this with their contract medical physicist. The inspector also found that a contract mobile nuclear medicine licensee performed mobile PET scans on-site every Wednesday morning.

**PERFORMANCE OBSERVATIONS**

The inspector toured the nuclear medicine department to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys of the facilities, and found no exposures to members of the public in excess of regulatory limits. The inspector identified the presence of slight contamination on the injection chair, and observed the technologists as they implemented licensee procedures for spill response. The inspector also observed the preparation and administration of two cardiac stress tests using Tc-99m, as well as demonstrations by licensee staff of package receipt, administration of Xe-133 for lung studies, waste handling, area surveys, the conduct of hazmat training and the administration of radiopharmaceuticals requiring a written directive, including patient release. Through these observations, demonstrations, and discussions, the inspector found the licensee's staff to be knowledgeable of regulatory requirements and licensee procedures.

The inspector also reviewed all I-131 written directives for therapeutic administration conducted since the last inspection but before the modality was removed in November 2012. The inspector also reviewed a selection of available nuclear medicine records, including those for package receipt, dose administration, area surveys and waste handling. No violations of NRC requirements were identified as a result of this inspection.