NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Golden Valley Memorial Hospital 1600 North Second Street Clinton, MO 64735 REPORT NUMBER(S) 2018001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-11317	24-16597-01	October 2, 2018

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 violations(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	Ryan Craffey	10/2/18
BRANCH CHIEF	Aaron McCraw		10/30/2018

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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

SUPPLEMENTAL INSPECTION INFORMATION

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

☑ Main Office Inspection Next Inspection Date: 10/02/2021

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced routine inspection of a community hospital in Clinton, Missouri, authorized to perform diagnostic and therapeutic administrations of radiopharmaceuticals. At the time of the inspection, two nuclear medicine technologists performed approximately six diagnostic administrations per day, Monday through Friday, using unit doses from a nearby radiopharmacy. The licensee has not yet performed any therapeutic administrations since adding the authorization back onto its license in May 2014, but had relocated its nuclear medicine department since the last inspection. The licensee retained the services of a consultant to perform quarterly audits of the program. Note that a contract mobile nuclear medicine licensee continued to perform mobile PET scans on site every Wednesday.

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 noted that the new department matched the description provided by the licensee in its September 2015 notification to the NRC. The inspector conducted independent and confirmatory surveys of the facility, and found no evidence of residual contamination in unrestricted areas, nor any exposures to members of the public in excess of regulatory limits. The inspector observed the preparation and administration of a cardiac stress test and a biliary scan, as well as demonstrations by licensee staff of package receipt, waste handling, and area surveys. The inspector found from these observations that the licensee's staff were knowledgeable of radiation principles and implemented adequate ALARA practices.

The inspector reviewed a selection quarterly program audits, package receipt documentation, and personnel dosimetry reports. The inspector noted that one technologist had recently received extremity exposures that were elevated relative the scope of licensed activities (around 5 rem in each of the last two quarters). The inspector discussed with the licensee its investigation into the elevated readings, the apparent root cause (minor hand contamination while preparing doses of radiopharmaceuticals) and corrective actions it has since taken to help the technologist improve contamination control.

No violations of NRC requirements were identified as a result of this inspection.