

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Madison Medical Center 611 W. Main Street Fredericktown, MO 63645 REPORT NUMBER(S) 2019001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S) 030-35673	4. LICENSE NUMBER(S) 24-32309-01	5. DATE(S) OF INSPECTION February 8, 2019

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	Dennis P. O'Dowd	<i>Dennis P. O'Dowd</i>	02/08/19
BRANCH CHIEF	Aaron T. McCraw	<i>ATM</i> for ATM	2/26/19

Docket File Information

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6. INSPECTION PROCEDURES USED 8713??	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 021221	2. PRIORITY 5	3. LICENSEE CONTACT Lisa Twidwell, CEO	4. TELEPHONE NUMBER (573) 783-3341
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 02/08/2024 <input type="checkbox"/> Field Office Inspection <input type="checkbox"/> Temporary Job Site Inspection			

PROGRAM SCOPE

This was a routine, unannounced inspection of a small community hospital (15 beds) authorized by the license to use byproduct material permitted by 10 CFR 35.100 and 35.200 at the location specified on the license. The nuclear medicine department was staffed with one part-time nuclear medicine technologist (NMT) who administered an average of 15-20 diagnostic studies per month, with the majority being cardiac studies. Nuclear medicine procedures were performed on Tuesday and Thursday each week. The nuclear medicine department received unit doses as ordered from a St. Louis nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. The licensee retained the services of a consultant who audited the radiation safety program on a quarterly basis.

Performance Observations

This inspection consisted of interviews with licensee personnel, a tour of the nuclear medicine department, a review of select records, and independent measurements. During the inspection, the licensee's NMT, demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) wipe test counting; (4) unit dosage preparation and safe use; (5) waste handling; (6) sealed source inventories and leak tests; (7) routine security of licensed material; (9) radiation safety program audits; (10) refresher training; (11) any contamination events (none); and (12) dosimetry. The inspector reviewed a selection of relevant records, including those for survey instrument calibration, leak tests, and dosimetry records. The review of dosimetry records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements, which indicated results consistent with licensee survey records and postings.

The inspector reviewed a violation (SLIV) cited during an inspection on September 17, 2014 (Inspection Report No. 03035673/2014001(DNMS)). The violation involved the licensee's failure to notify the NRC within 30 days that the licensee's former RSO permanently discontinued his duties under the license upon retirement on 07/01/14, and that, for a period of over two months, the licensee permitted an authorized user to function as a temporary RSO. The inspector determined that the licensee's corrective and preventative actions, as described in Inspection Report No. 03035673/2014001(DNMS), were completed, and that the violation had not recurred. Based on this review, this violation is considered closed.

No violations of NRC requirements were identified during this inspection.