

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>The Toledo Hospital Cardiac Testing Center Monroe 730 N. Macomb Street Monroe, MI</p> <p>REPORT NUMBER(S) 2019001</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>030-33455</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-26562-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>2/28/19, with in-office review through 3/5/19</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.

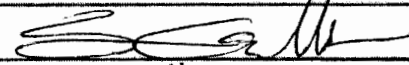
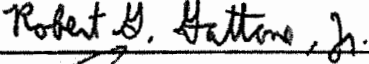
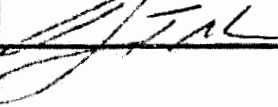
Non-cited violation(s) were discussed involving the following requirement(s):

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)

Contrary to 10 CFR 20.1801, on February 28, 2019, the licensee did not secure from unauthorized removal or limit access to 118.3 millicuries (mCi) of technetium-99m, 2.7 mCi of cobalt-57, 0.123 mCi of cesium-137, and 0.216 mCi of barium-133 located in a hot lab, which is a controlled area. The licensee's immediate corrective action to prevent a similar violation was to tell the nuclear medicine technologist to close and lock the door when leaving the hot lab unattended. In addition, the licensee installed an automatic door closure mechanism for the hot lab door, such that the automatic door closure mechanism closes the door and latches the door locked.

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	Sven L. Gallo		3/20/19
NRC INSPECTOR	Robert G. Gattone, Jr.		3/19/19
BRANCH CHIEF	Aaron T. McCraw		3/19/19

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 through 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02201	2. PRIORITY 5	3. LICENSEE CONTACT Donna Splan	4. TELEPHONE NUMBER (734) 242-7060
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Main Office Inspection Next Inspection Date: 02/28/2024

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced, routine inspection of the licensee's radiation protection program. The in-office review involved receipt of the licensee's long term corrective actions to prevent a similar violation of 10 CFR 20.1801. The licensee conducted technetium-99m (Tc-99m) Cardiolite scans only. There was one nuclear medicine technologist (NMT). The licensee received unit dosages only from an authorized nuclear pharmacy.

Performance Observations

The inspector: (1) noted that the radiation safety officer was as required; (2) noted that the authorized users were as required; (3) reviewed records of radiation protection program audits; (4) reviewed dosimetry badge reports for 2014 through 2018 and the whole body and extremity doses were well below the annual dose limits; (5) observed that the licensee properly disposed of licensed material by decay in storage; (6) used an NRC-owned, calibrated survey instrument to conduct an independent survey of selected surfaces in the hot lab and there were no concerns; (7) noted that the licensee had 2 calibrated survey instruments; (8) reviewed selected records of ambient exposure rate and contamination surveys of received packages and there were no concerns; (9) observed the NMT administer Tc-99m Cardiolite to a patient, including use of a syringe shield, whole body and ring dosimeter badges, and a required syringe label; and (10) reviewed selected records of ambient exposure rate and contamination surveys of packages for transfer to the radiopharmacy and there were no concerns.

One violation of NRC regulatory requirements was identified as a result of this inspection.