

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Michigan Department of Transportation MDOT - Lansing Transportation Service Center 2700 Port Lansing Road Lansing, MI 48906 REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Rd, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-04813	4. LICENSE NUMBER(S) 21-03039-01	5. DATE(S) OF INSPECTION August 17, 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 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	Zahid Sulaiman, Health Physicist	<i>Zahid Sulaiman</i>	8/17/18
BRANCH CHIEF	Geoffrey Warren, Acting Chief, MIB	<i>GJW</i>	9/13/18

Docket File Information

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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Thomas Killingsworth, RSO	4. TELEPHONE NUMBER (517) 332-6450
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Main Office Inspection Next Inspection Date: 08/17/2023

Field Office Inspection Lansing Transportation Service Center

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection of a field office for the Michigan Department of Transportation (MDOT) located at Lansing, MI. The MDOT was authorized to possess cesium-137 and americium-241 in Troxler and InstroTek moisture density gauges at the MDOT construction and technology division in Lansing, and at 27 transportation services centers throughout the State of Michigan. The scope of this inspection was limited to field office inspection. At the Lansing Transportation Service Center location, the licensee had two Troxler Model 3440 portable gauges. The gauges were stored inside a locked cabinet with two independent physical barriers at the licensee's facility. The licensee employed nine authorized users and five summer co-op students at this facility, all have completed the manufacturer's and DOT hazmat training.

Performance Observations

A representative from the State of Michigan, division of waste management & radiological health accompanied the inspector during this inspection. At the time of this inspection, the gauges were not in use. The inspector had an authorized user demonstrate gauge use and operations, security during transport, and the wipe test of the gauges. The authorized user demonstrated an adequate level of understanding of emergency and handling procedures. Security of gauges at temporary job-sites was described with no issues noted. The inspector observed that all gauges were adequately secured with two independent barriers while in storage. The inspector conducted an independent measurements and found no readings that would indicate residual contamination or exposures to members of the public in excess of regulatory limits. The licensee has also developed a custom Type A transportation container for its gauges to promote the uniform adherence to NRC and U.S. DOT requirements whenever its gauges are transported by authorized users. The inspector reviewed the annual audits, leak tests, utilization log, dosimetry records, radiation safety training, and DOT hazmat training, with no issues noted.

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

GW
9/13/18