

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Missouri Department of Transportation
105 West Capital Avenue
P.O. Box 270
Jefferson City, MO 65102

REPORT NUMBER(S) 2018002

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-18363

4. LICENSE NUMBER(S)

24-20415-01

5. DATE(S) OF INSPECTION

July 10, 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:

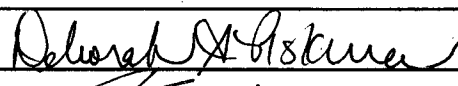
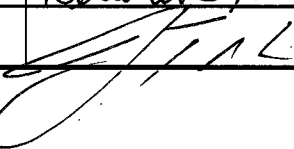
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Deborah A. Piskura, Senior Health Physicist		7/10/18
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB		7/19/18

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 Lydia Brownell, RSO	4. TELEPHONE NUMBER (573) 406-7985
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Main Office Inspection Next Inspection Date: no change

Field Office Inspection St. Charles, St. Louis & Chesterfield, MO

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection (in continuation of inspection efforts of IR 2018001) of a large state government DOT agency authorized to use portable moisture/density gauges for road construction projects. The licensee was authorized by License Condition 10 to designate and maintain a list of its field offices in the State of Missouri. This inspection reviewed the licensee's field offices in St. Louis, Chesterfield and St. Charles. Each field office had a designated individual who served as the local RSO. The licensee did not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer. Each gauge unit was stored utilizing two barriers in accordance with the requirements in 10 CFR paragraph 30.34(i). Gauge users were issued the keys to the gauges from the respective field office RSO. Each gauge user must also complete the utilization log/sign-out sheet which informed the office of the location of the job site where the device would be used. The licensee specifically instructed the gauge users not to leave the device unattended while at a job site. Gauges were also required to be returned to the office upon completion of the shift.

During this inspection, the NRC inspector toured the storage area at each field office where the gauges were kept when not in use; performed radiation surveys around the devices; reviewed selected records; and interviewed selected licensee personnel. The gauge users confirmed that the shipping papers were visible and within reach during transport. The gauge users informed the inspector how the devices were blocked and braced in the rear of the vehicle and confirmed that the devices were not transported within the passenger compartment. At the time of this inspection, the gauges were not in use therefore, no field inspection was performed.

No violations of NRC requirements were identified during this inspection.