

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Missouri Department of Transportation 105 West Capitol Avenue P.O. Box 270 Jefferson City, MO 65102 REPORT NUMBER(S) 2008-001	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-18363	4. LICENSEE NUMBER(S) 24-20415-01	5. DATE(S) OF INSPECTION MAY 22, 2008
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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, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

[Handwritten mark]

4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Sam Mulay	<i>[Signature]</i>	5/30/08

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AND COMPLIANCE INSPECTION

1. LICENSEE Missouri Department of Transportation (MoDOT) REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-18363	4. LICENSE NUMBER(S) 24-20415-01	5. DATE(S) OF INSPECTION May 22, 2008	
6. INSPECTION PROCEDURES USED 87124		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM 3121	2. PRIORITY E1-5	3. LICENSEE CONTACT Roger Wilson, RSO	4. TELEPHONE NUMBER 573-751-5081
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <u>May 2013</u>	
<input checked="" type="checkbox"/> Field Office		<u>Columbia Project Office, Columbia, MO (District 5)</u>	
<input type="checkbox"/> Temporary Job Site Inspection		_____	

PROGRAM SCOPE

The licensee possesses 96 Troxler Model Nos. 3400 and 4300 moisture density gauges, approximately 30 Troxler asphalt content gauges, and 2 NITON XL portable x-ray fluorescence analyzers each containing licensed material as authorized. The licensee maintains 10 District Project Offices (including the main location) throughout the State of Missouri each with varying numbers of devices for use at ongoing field construction projects. Each location has a designated Operations Engineer answerable to the RSO. Currently, the licensee employs about 450 authorized gauge users throughout the MoDOT program.

The RSO conducts program audits annually which include site visits to the various district office locations. In addition, the State Emergency Management Agency (SEMA), also performs random audits.

Performance Observations

The inspector toured the storage room used to house the devices at the central lab location when not in use. Security of licensed material appeared to be well maintained. Random reviews of device leak test results, inventories, user training documentation, device and package labeling, and selected program audits, did not indicate problems or issues with licensed activities.

The Columbia Project Office was also reviewed during the inspection. Security of observed gauges appeared well maintained. Interviews conducted with an authorized user revealed adequate knowledge of material handling techniques, emergency procedures and device job-site security. Shipping papers were reviewed and contained the required information. Work conducted at temporary job-sites was not performed at the locations inspected.

Independent radiation measurements obtained revealed, on average, about 8.0 mr/hr at gauge surface. Readings in restricted areas averaged about 0.8 mr/hr in the main storage area. Unrestricted areas did not exceed background levels (0.02mr/hr).

A review of personal dosimetry records reviewed for 2007 and YTD 2008, did not indicate exposures in excess of 10 CFR 20 limits.

TRANSMISSION VERIFICATION REPORT

TIME : 05/30/2008 09:22
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NRC FORM 386 (RNF)
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 5/30/08 NUMBER OF PAGES: 2
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SEND TO: Roger Wilson, RSO

LOCATION: Mo DOT - Jefferson City, MO.

FAX NUMBER: 573-526-4345 VERIFY BY CALLING SENDER

FROM: (SENDER) SAM MURRAY - U.S. NRC - REGION 3

TELEPHONE NUMBER: 630-829-9837 FAX NUMBER: 630-515-1259

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE
Rogger