

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**



1. LICENSEE/LOCATION INSPECTED:  
Indiana Department of Transportation  
110 W. South Boulevard  
Crawfordsville, IN 47933

2. NRC/REGIONAL OFFICE  
REGION III  
US NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532

REPORT 2006-001

3. DOCKET NUMBER(S)  
03032466

4. LICENSEE NUMBER(S)  
13-26344-01

5. DATE(S) OF INSPECTION  
March 23, 2006

**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):

- 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	Ed Kulzer		3/23/06

*Docket File Information*  
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AND COMPLIANCE INSPECTION**



1. LICENSEE <b>Indiana Department of Transportation</b> REPORT	2. NRC/REGIONAL OFFICE <b>Region III</b>
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6. INSPECTION PROCEDURES USED <b>87124</b>	7. INSPECTION FOCUS AREAS <b>03.01 - 03.07</b>
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM <b>03121</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Ron Fine</b>	4. TELEPHONE NUMBER <b>765.362.3700</b>
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<input checked="" type="checkbox"/> <b>Main Office Inspection</b>	<b>Next Inspection Date: <u>March 2011</u></b>
<input type="checkbox"/> <b>Field</b>	
<input type="checkbox"/> <b>Temporary Job Site</b>	

**PROGRAM SCOPE**

The licensee is a branch of the Indiana Department of Transportation, and employs 140 individuals. The licensee possesses 18 Troxler Model 3440 moisture density gauges for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs 104 authorized gauge users who have completed manufacturers training. The licensee stores the gauges in a vault in the licensee's office in Crawfordsville, Indiana.

**Performance Observations**

At the time of this inspection, three gauges were being stored at temporary job sites in Plainfield, Zionsville, and Terre Haute, Indiana. Fifteen of the gauges/cases were locked and chained in the storage room which was locked and labeled. The inspector interviewed an operator who demonstrated an adequate level of understanding of emergency and handling procedures during job-site interviews. Security during transport and at the job-site was described and observed respectively with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.