

(07-2012)  
10 CFR 2.201

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Ingham County Road Commission P.O. Box 38 / 301 Bush Street Mason, MI 48854  REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S)  030-18646	4. LICENSE NUMBER(S)  21-24465-01	5. DATE(S) OF INSPECTION  May 25, 2017	

## 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:

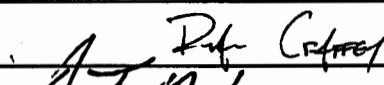

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Ryan Craffey		06/06/2017
BRANCH CHIEF	Aaron McCraw		06/15/2017

**Docket File Information**

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3. DOCKET NUMBER(S)  030-18646	4. LICENSE NUMBER(S)  21-24465-01	5. DATE(S) OF INSPECTION  May 25, 2017
6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  All	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Steven Lemorie - RSO	4. TELEPHONE NUMBER  (517) 676-9722
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 05/25/2022
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

**PROGRAM SCOPE**

This was an unannounced routine inspection of a county roads department authorized to possess and use portable nuclear density gauges at its facility in Mason, Michigan, and at temporary job sites throughout the county. At the time of the inspection, the licensee had two Troxler 3400 series gauges, and five individuals trained to use them. The licensee used these gauges on a near-daily basis each summer on local road construction projects.

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility in Mason to evaluate the licensee's measures for materials security, hazard communication and exposure control. When not under constant surveillance, both gauges were stored behind two independent controls that formed tangible barriers against unauthorized removal. Independent surveys in the vicinity of the storage location resulted in no readings above regulatory limits. Although the licensee had no work involving either gauge ongoing at the time of the inspection, an authorized user was still able to demonstrate to the inspector the implementation of licensee procedures for gauge transportation, use, and emergency response. Through these demonstrations and discussions with this and other authorized users, the inspector found the licensee's authorized users to be knowledgeable of radiation protection principles and established procedures for gauge use.

The inspector also reviewed a selection of records, including current leak tests results for both gauges, shipping papers, utilization logs, hazmat training certificates, evidence of survey meter calibration, and dosimetry.

The licensee was previously cited in IR 03016464/2012001(DNMS) for failure to ensure that its hazmat employees were trained as required by 10 CFR 71.5(a) and 49 CFR 172.704(c). The inspector reviewed the licensee's corrective actions, which appeared to be adequate, and identified no additional examples of this violation. This violation is closed.

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