

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED</p> <p>Marquette County Road Commission 1610 North Second Street Ishpeming, MI 49849</p> <p>REPORT NUMBER(S) 2012-001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-31712</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-26188-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>May 15, 2012</p>

**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	Ed Kulzer / Ryan Creedery	<i>E. L. Kulzer / Ryan Creedery</i>	5/15/12
BRANCH CHIEF	Tamara Bloomer	<i>Tamara Bloomer</i>	6/1/12

**Docket File Information**  
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3. DOCKET NUMBER(S)  030-31712	4. LICENSE NUMBER(S)  21-26188-01	5. DATE(S) OF INSPECTION  May 15, 2012
6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01 - 03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Kurt Taavola, RSO	4. TELEPHONE NUMBER  (906) 486-4491
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Main Office Inspection      Next Inspection Date: May 2017

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This licensee currently possesses two Troxler 3400 series moisture density gauges for use in density and compaction measurements at various job site locations throughout Marquette County, Michigan. The gauges are stored in a locked and labeled room in the basement of the Road Commission's office in Ishpeming, Michigan when not in use. There are two authorized users of the gauges, who are required to wear Troxler whole-body dosimetry when conducting licensed activities. All service and maintenance activities of the gauges are performed by the manufacturer. The licensee does not possess a survey meter, but intends to request one from the Michigan State Police in Negaunee should it become necessary in an emergency.

**Performance Observations**

The licensee demonstrated that adequate security measures were in place at the Ishpeming office. Independent confirmatory surveys identified no unexpected readings in the vicinity of the gauges. Although neither gauge was in use at the time, the licensee demonstrated an adequate knowledge of transportation requirements. Shipping papers were reviewed with no issues identified, and the designated vehicles were observed to be capable of meeting transportation requirements.

The licensee's dosimetry records indicated no exposure above the level of minimum delectability in 2009, 2010 or 2011. Leak test records conducted annually by a consultant indicated no leakage from either gauge. The licensee's inventory had remained unchanged since the time of last inspection, as demonstrated by semi-annual inventory records conducted every March and September. Training documentation was reviewed with no issues identified.

The licensee did not report any thefts, losses or other incidents involving licensed material since the time of last inspection.