



Materials Inspection Report

1. Licensee/Location Inspected: Road Commission for Oakland County 2420 Pontiac Lake Road Waterford, MI 48328 Report Number(s) 2023-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-09514	4. License Number(s) 21-15646-01	5. Date(s) of Inspection April 7 and 10, 2023
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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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

 - B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Ryan Craffey	 <small>Digitally signed by Ryan J. Craffey Date: 2023.04.24 17:20:15 -04'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2023.05.05 07:18:50 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Road Commission for Oakland County		2. Docket Number(s): 030-09514		3. License Number(s) 21-15646-01	
4. Report Number(s): 2023-001			5. Date(s) of Inspection: April 7 and 10, 2023		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03121	8. Priority: 5	9. Inspection Guidance Used: IP 87139	
10. Licensee Contact Name(s): Brian Kozlowicz - RSO		11. Licensee E-mail Address: bkozlowicz@rcoc.org		12. Licensee Telephone Number(s): 248-514-9131	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 04/07/2028 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: Main Office - 2420 Pontiac Lake Road, Waterford, MI Job Site - 14 Mile at Industrial Drive, Troy, MI					
17. Scope and Observations: <p>The Road Commission for Oakland County was authorized to store portable moisture density gauges containing byproduct material at its facility in Waterford, Michigan, and to use them at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee had five Troxler 3400 Series gauges and five individuals authorized to use them. The licensee used these gauges on a daily to weekly basis throughout the county during the construction season.</p> <p>On April 7, the inspector visited the facility in Waterford to find that the licensee's RSO was off for the remainder of the day and no other staff present had access to licensed material, which was in secure storage. The inspector then visited a temporary job site in Troy and met with a gauge user preparing to perform compaction testing on construction materials for a road reconstruction project. The gauge was adequately blocked, braced, and secured in his vehicle, and shipping papers were present and accessible as required. The gauge and its case were both in good condition. Independent surveys in the vicinity of the device were consistent with radiation profiles in the applicable SSDR safety evaluation (NC-646-D-130-S). The inspector interviewed the user to discuss radiation safety topics and response to emergencies involving licensed material. The inspector also observed the conduct of licensed activities. The user wore assigned personnel dosimetry, implemented adequate ALARA practices, and maintained control of the gauge throughout.</p> <p>On April 10, inspector returned to Waterford and toured the licensee's facility with the RSO. All areas were adequately posted, and all licensed material was adequately secured behind at least two barriers. Independent surveys in all unrestricted areas were well below regulatory limits to members of the public. All gauges in storage were in good condition, and surveys in the vicinity of each device were consistent with the aforementioned radiation profiles. The inspector observed demonstrations of sealed source leak test collection and discussed gauge maintenance with the RSO. The inspection also reviewed a selection of records related to the program, including utilization logs, leak test results, physical inventories, initial and refresher training materials, and annual program audits.</p>					


Materials Inspection Record (Continued)

The licensee was previously cited in 2018 for three SLIV violations of 10 CFR 71.5(a) regarding the failure to comply with USDOT requirements for transporting a gauge or gauges without: (1) the required labels on the package; (2) the required identification number on the shipping paper; and (3) the required transport index on the shipping paper. The inspector reviewed the licensee's corrective actions, which appeared adequate and effective, and identified no additional examples of these noncompliances. Therefore, all three violations are closed.

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

Signature and Date - Branch Chief



 Digitally signed by Rhex A. Edwards
Date: 2023.05.05 07:17:41 -05'00'