

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED

Houghton County Road Commission
20140 Gagnon Cir.
Hancock, MI 49930

2. NRC/REGIONAL OFFICE

Region 1
475 Allendale Rd
Suite 102
King of Prussia, PA 19406

REPORT NUMBER(S) 2023001

3. DOCKET NUMBER(S)

030-32245

4. LICENSE NUMBER(S)

21-26317-01

5. DATE(S) OF INSPECTION

05/22/2023 - 06/20/2023

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 the 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)

A. 10 CFR 30.34(c) requires each licensee to confine its possession and use of byproduct material to the locations and purposes authorized in the license. Specifically, License Condition 13.A. specifies that sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed 6 months, or at other intervals as specified.

Contrary to the regulation above, HCRC did not leak test portable gauges at the required frequency of 12 months. Specifically, HCRC possessed one Troxler Model 3440 portable gauge and one Troxler Model 3430 portable gauge. The portable gauges were last leak tested on 02/04/2022, which is in excess of one year. While it is noted that the gauges were returned to Troxler on 03/09/2023, HCRC did not leak test the gauges prior to returning them.

This is a severity Level IV Violation (NRC Enforcement Policy Section 6.3).

B. 10 CFR 30.34(c) requires each licensee to confine its possession and use of byproduct material to the locations and purposes authorized in the license. Specifically, License Condition 15 requires the licensee to conduct a physical inventory every 6 months or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 3 years from the date of the inventory, and shall include the radionuclides, quantities, manufacturer's name and model numbers and the date of the inventory.

Contrary to the regulation and license condition above, HCRC did not perform a six-month physical inventory to account for all sealed sources. Corrective action was noted since the licensee committed to implementing the inventory at the required interval in an electronic mailing dated May 24, 2023.

This is a severity Level IV Violation (NRC Enforcement Policy Section 6.3).

C. 10 CFR 71.5(a) requires each licensee who transports licensed material outside the site of usage, as specified in the NRC license, or where transport is on public highways, or who delivers licensed material to a carrier for transport, to comply with the applicable requirements of the DOT regulations in 49 CFR parts 107, 171 through 180, and 390 through 397, appropriate to the mode of transport. Specifically, 49 CFR 172.704(c)(1) requires that each hazmat employee needs to receive the training required by Subpart H of 49 CFR Part 172 at least once every three years.

Contrary to the regulation above, an HCRC authorized portable gauge user transported licensed material onto roadways for use at temporary

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jobsites without having received the required HAZMAT employee training. This is a repeat violation previously cited in 2017. Corrective action was noted on May 23, 2023 as documentation was provided demonstrating that the required training training was completed.

This is a severity Level IV Violation (NRC Enforcement Policy Section 6.8).

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	John Cima & Brandon Jurmu		
NRC INSPECTOR	Lisa Forney		
BRANCH CHIEF	Chris Cahill		