

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

CTI and Associates, Inc.
51331 W. Pontiac Trail
Wixom, MI 48393

REPORT NUMBER(S) 2012001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-12040

4. LICENSE NUMBER(S)

21-17007-01

5. DATE(S) OF INSPECTION

8/22/2012 with in-office review
through 9/7/2012

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)

10CFR 71.5(a) requires that a licensee who transports licensed material outside of 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, comply with the applicable requirements of the regulations appropriate to the mode of transport of the Department of Transportation (DOT) in 49 CFR 107, 171-180, and 390-397.

49 CFR 172.704(a) specifies the elements of hazmat employee training as: (1) general awareness/familiarization training, (2) function-specific training, and (3) safety training. 49 CFR 172.204(c) requires, in part, that a hazmat employee receive initial training, and recurrent training at least once every three years.

Contrary to the above, one of the licensee's authorized gauge users did not have hazmat training

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	Elizabeth Taylor	<i>Elizabeth A. Taylor</i>	9/21/12
NRC INSPECTOR	E.L. KULZER	<i>E.L. Kulzer</i>	9/20/12
BRANCH CHIEF	Tamara Boomer	<i>Tamara Boomer</i>	9/20/12

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(Continued)

between June 2003 and August 22, 2012, a second authorized gauge user did not have hazmat training between November 2007 and August 2012, therefore the licensee did not provide training for its hazmat employees that satisfied the requirements in Subpart H to 49 CFR Part 172, in that the recurrent training for its hazmat employees had not been conducted at least every three years, and the licensee otherwise meets the definition of hazmat employer in 49 CFR 171.8.

This is a Severity Level IV violation (Section 6.3(d)(4)).

As a corrective action, the RSO stated that the hazmat retraining would be completed by the end of the month.

Docket File Information
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6. INSPECTION PROCEDURES USED IP 87124	7. INSPECTION FOCUS AREAS 03.01-03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3121	2. PRIORITY 5	3. LICENSEE CONTACT Elizabeth Taylor	4. TELEPHONE NUMBER (248) 486-5100
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Main Office Inspection Next Inspection Date: 8/22/2017

Field Office Inspection

Temporary Job Site Inspection Madison St. in Ann Arbor, Michigan

PROGRAM SCOPE

This was a routine inspection of an environmental engineering firm that evaluates physical properties of materials at various construction sites in Michigan. The licensee possessed 28 Troxler Model 3400 Series and InstroTek, Inc. Model 3500 portable moisture density gauges, for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee did not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer. The licensee employed three authorized gauge users who have completed manufacturer's training. The licensee stored the gauges in a room in the licensee's office in Wixom, Michigan.

Performance Observations

The inspector observed operations at a temporary jobsite in Ann Arbor, Michigan. The operator possessed required shipping papers that contained all appropriate information and were accessible in the transport vehicle. Gauge/case were locked and chained to the rear of the vehicle during transport. The operator demonstrated an adequate level of understanding of emergency procedures during job-site interviews.

One violation was identified regarding recurrent hazmat training.