

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

CTI and Associates, Inc.
28001 Cabot Drive, Suite 250
Novi, MI 48377

REPORT NUMBER(S) 2016001

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

April 25 and July 11, 2016

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, Health Physicist	<i>R. Craffey</i>	7/26/16
BRANCH CHIEF	Aaron McCraw, Chief, MIB	<i>Robert D. Dalton, Jr. for ATM</i>	8/11/16

Docket File Information

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6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

FE 1, 3, 6, and 7

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Elizabeth Taylor - RSO

4. TELEPHONE NUMBER

(313) 258-0181

- ☐ Main Office Inspection Next Inspection Date: No Change
- ☒ Field Office Inspection 27280 Haggerty Road, Farmington Hills, MI
- ☒ Temporary Job Site Inspection Eureka Rd, west of John D Dingell Dr, Romulus, MI

PROGRAM SCOPE

This was an unannounced escalated enforcement follow-up inspection of an engineering services company authorized to possess portable moisture density gauges containing byproduct material at offices in Farmington Hills and Wixom, Michigan, and to use those gauges at temporary job sites in NRC jurisdiction. The purpose of this inspection was to verify the completion and assess the effectiveness of corrective actions for a Severity Level III violation identified during a special NRC inspection on July 23, 2015 (IR 03012040/2015001(DNMS)), which evaluated the conduct of licensed activities at a temporary job site at the Detroit Metropolitan Airport in Romulus, Michigan. The NRC cited the licensee in a final action dated November 23, 2015, for the failure to use a minimum of two independent physical controls that form tangible barriers against unauthorized removal, as required by 10 CFR 30.34(i).

PERFORMANCE OBSERVATIONS

On April 25, 2016, the inspector toured the temporary job site in Romulus to evaluate the licensee's measures for portable gauge security. At the time of this inspection, the licensee kept only one portable gauge on-site. Licensee personnel secured this gauge in a company truck with at least two barriers at all times when not in use. The licensee also maintained access to two construction trailers on-site. The licensee's staff used one trailer as office space, but had never stored a gauge there. Instead, the licensee kept a second trailer on-site, empty at the time of the inspection, but available for additional equipment storage if necessary. The staff demonstrated to the inspector the manner in which additional gauges would be secured within this trailer, should more than one be needed again on-site. The measures as described met regulatory requirements for gauge security, and furthermore demonstrated that the licensee's staff understood these requirements. The inspector also discussed with the licensee's staff the content of the August 6, 2015, safety meeting, and confirmed that the licensee had discussed the circumstances of the previous violation and expectations for gauge security, both on the job site as well as at specifically authorized locations of use. During this discussion, the staff indicated that the licensee was in the process of amending its license to revise these locations of use. On July 11, 2016, the inspector visited the newly authorized location in Farmington Hills, Michigan to confirm that the licensee moved and stored its gauges in accordance with NRC requirements. The inspector identified no additional examples of the previously cited violation, and furthermore determined that the licensee had implemented adequate corrective actions. Therefore, the NRC considers this violation to be closed.

BB for ATM