

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: CTI and Associates, Inc. 28001 Cabot Drive, Suite 250 Novi, MI 48377 Location Inspected: Job Site in Detroit, MI REPORT NUMBER(S) 2017001	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) 030-12040	4. LICENSE NUMBER(S) 21-17007-01	5. DATE(S) OF INSPECTION January 25, 2017
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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS FE 1-6
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Elizabeth Taylor, PE - RSO	4. TELEPHONE NUMBER (248) 560-0780
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Main Office Inspection Next Inspection Date: No Change
 Field Office Inspection _____
 Temporary Job Site Inspection Prentis Street & 2nd Avenue, Detroit, MI

PROGRAM SCOPE

This was an unannounced field inspection of an environmental, remediation, engineering and construction firm authorized to use and store portable moisture density gauges at its facility in Farmington Hills, Michigan, and at temporary job sites in NRC jurisdiction. The scope of this inspection was limited to the licensee's possession and transportation of a portable moisture density gauge on a fiber optic cable installation project along Prentis Street at the intersection of 2nd Avenue in Detroit, Michigan, and did not include an overall review of the licensee's radiation safety program.

PERFORMANCE OBSERVATIONS

The inspector originally visited the job site on Prentis Avenue to observe a different NRC licensee. Shortly after arriving, however, the inspector noted the arrival of a CTI and Associates truck containing a Troxler portable moisture density gauge. Prior to announcing his presence, the inspector observed the licensee's technician maintain control and constant surveillance of the portable gauge while unloading other equipment from the truck. The inspector then announced himself to the technician and examined the gauge. The inspector found that the technician had secured the gauge case for transport using adequate blocking and bracing, and maintained the ability to provide two independent physical controls to secure the gauge against unauthorized removal when not under constant surveillance, using a combination of locks and chains, and a locking truck bed cover. The inspector later noted, during observations of the other licensee on the job site, that the technician also relocated his truck periodically so as to maintain close surveillance of the vehicle, even with the gauge fully secured in the locked truck bed.

The inspector was unable to observe the use of this portable gauge, as the technician's work on this job site was of a different nature. Instead, the inspector interviewed the technician, and found that he was knowledgeable of radiation protection principles, relevant ALARA practices, emergency response measures, and that he possessed dosimetry as required by licensee procedures. The inspector also reviewed the technician's shipping papers, which were readily available in the cab, as well as the latest leak tests results for the the gauge.

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