NRC FORM 591M PART 1
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Soil and Materials Engineers, Inc. 43980 Plymouth Oaks Boulevard Plymouth, MI 48170 Location Inspected: Job Site in Fair Haven, MI REPORT NUMBER(S) 2016-001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-19574	21-17158-02	January 20, 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 violations(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	Ryan Craffey	2/1/16
BRANCH CHIEF	Aaron McCraw		2/3/16

NRC FORM 591M PART 3
(07-2012)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87124	FE 1-6

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
03121	5	Trevor Shaheen - RSO	(734) 454-9900

☐ Main Office Inspection Next Inspection Date: No Change

☐ Field Office Inspection

☑ Temporary Job Site Inspection 10021 Marine City Highway, Fair Haven, MI

PROGRAM SCOPE

This was an unannounced field inspection of a civil engineering company authorized to use and store portable moisture density gauges at various facilities in Michigan and Indiana, and at temporary job sites in NRC jurisdiction. The scope of this inspection was limited to the conduct of licensed activities in support of an expansion project at a Consumer's Energy natural gas compressor station, and did not include an overall review of the licensee's radiation safety program.

PERFORMANCE OBSERVATIONS

The inspector observed one of the licensee's technician perform several density measurements while at the site to observe a different NRC licensee. Prior to announcing his presence, the inspector observed the technician maintain control and constant surveillance of the licensee's portable gauge, and ensure that members of the public limited their exposure to the gauge during operations. After completion of this work, the inspector announced his presence to the technician, and noted that he had properly secured the gauge in its case for transport using a custom mounting bracket in the bed of his truck. The inspector also noted that the technician had secured the gauge in such a way to provide two independent controls to secure the gauge against unauthorized removal. The inspector reviewed the technician's shipping papers, which were readily available in the cab. The technician stated that the gauge was dispatched from the licensee's facility in Shelby Township, Michigan, and would be returning there at the end of the day for storage.

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