

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Hennessey Engineers, Inc.
13500 Reeck Road
Southgate, MI 48195

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-31333

4. LICENSE NUMBER(S)

21-26066-01

5. DATE(S) OF INSPECTION

July 20, 2015

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:

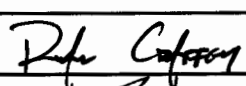
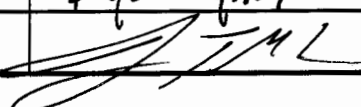
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		7/29/15
BRANCH CHIEF	Aaron McCraw		7/30/15

Docket File Information

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6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

All

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Ahmad Ali - RSO

4. TELEPHONE NUMBER

(734) 759-1600

- ☒ Main Office Inspection Next Inspection Date: 07/20/2020
- ☐ Field Office Inspection
- ☒ Temporary Job Site Inspection Fordline St north of Eureka Rd, Southgate, MI

PROGRAM SCOPE

This was a routine inspection of a civil engineering consulting firm authorized to use and store portable moisture density gauges containing byproduct material at its facility in Southgate, Michigan and at temporary job sites within NRC jurisdiction. At the time of the inspection, the licensee had four authorized users and two Troxler gauges, and possessed a radiation survey instrument for use in the event of an emergency.

PERFORMANCE OBSERVATIONS

The inspector observed the conduct of gauging operations at a road reconstruction project in Southgate, Michigan. The inspector found that the gauge user maintained control and constant surveillance of the gauge at all times during the inspection, and used two independent physical controls that formed tangible barriers to secure the gauge from unauthorized removal whenever the gauge was in transport or not under his surveillance. The gauge user maintained appropriate shipping labels and shipping papers for his gauge, and through discussions of ALARA practices, emergency procedures and other topics, demonstrated adequate knowledge of radiation protection principles and licensee procedures.

The inspector toured the Southgate facility to evaluate the licensee's measures for materials security, hazard communication and exposure control. Independent surveys of this facility with material in storage found no exposures to members of the public that were distinguishable from background. The inspector interviewed the RSO and another gauge user on a variety of topics including emergency response, survey meter use and leak test collection, and reviewed a selection of relevant records, including leak test results, dosimetry, hazmat training and annual program audits.

The licensee was previously cited in IR 03031333/10-01(DNMS) for six violations relating to the authorized location of use, possession or access to a survey meter, leak testing, accuracy of shipping papers, hazmat training, and audits of the radiation safety program. The inspector reviewed the licensee's corrective actions, which appeared to be adequate, and found the violations to be non-recurring. Therefore, the NRC considers all six of these violations to be closed.

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