

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Jacobi Geotechnical Engineering, Inc. 798 Hoff Road O'Fallon, MO 63366 REPORT NUMBER(S) 16-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Rd, Suite 210 Lisle, IL 60532
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3. DOCKET NUMBER(S) 030-35293	4. LICENSE NUMBER(S) 24-32231-01	5. DATE(S) OF INSPECTION January 29, 2016
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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	Zahid Sulaiman	<i>Zahid Sulaiman</i>	1/29/16
BRANCH CHIEF	Aaron T. McCraw	<i>[Signature]</i>	2/11/16

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Jacobi Geotechnical Engineering, Inc.
798 Hoff Road
O'Fallon, MO 63366

REPORT NUMBER(S) 16-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-35293

4. LICENSE NUMBER(S)

24-32231-01

5. DATE(S) OF INSPECTION

January 29, 2016

6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Carl L. Jacobi, RSO

4. TELEPHONE NUMBER

(636) 978-7112

Main Office Inspection

Next Inspection Date: 01/29/2021

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection of a small consulting engineering company. The licensee had total of 16 Humboldt Scientific Inc., Model 5001 series portable gauges; seven gauges are in use for daily soils engineering projects during construction season (March-November); and nine gauges are in storage and not used. The gauges were stored with two independent physical barriers at the licensee's facility. The licensee does not perform any service or maintenance activities on its gauge. The services were performed by the manufacturer or vendor. The licensee employs seven authorized users who have completed manufacturer training.

Performance Observations:

At the time of this inspection, the gauges were not in use. The inspector had an authorized user demonstrate gauge use and operations, and security during transport. The authorized user demonstrated an adequate level of understanding of emergency and handling procedures. Security of the gauge during transportation and at temporary job-sites was described with no issues noted. The authorized user possessed required shipping papers that contained all appropriate information and demonstrated that the shipping papers were accessible in the transport vehicle. The licensee had a consulting company conduct the calibration and the leak tests every six months. The inspector reviewed the utilization logs, inventories, leak tests, dosimetry records, and training records with no issues noted.

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