

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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|---|----------|--|--|
| 1. LICENSEE/LOCATION INSPECTED:<br>Engineering Surveys and Services, LLC<br>1113 Fay Street<br>Columbia, MO 65401 |          | 2. NRC/REGIONAL OFFICE<br><br>U.S. Nuclear Regulatory Commission<br>Region III<br>2443 Warrenville Road<br>Suite 210<br>Lisle, Illinois 60532-4351 |  |
| REPORT NUMBER(S)  | 2009-001 |  |  |

|                                  |                                      |  |
|----------------------------------|--------------------------------------|--|
| 3. DOCKET NUMBER(S)<br>030-17948 | 4. LICENSEE NUMBER(S)<br>24-20089-01 | 5. DATE(S) OF INSPECTION<br>02/03/2009 |
|----------------------------------|--------------------------------------|--|

**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, NUREG-1600, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)

**Licensee's Statement of Corrective Actions for Item 4, above.**

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             | E. Kulzer    | <i>E. L. Kulzer</i> | 02/31/2009 |

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| 1. LICENSEE<br>Engineering Surveys and Services, LLC<br>REPORT NUMBER(S) 2009001 |                                     | 2. NRC/REGIONAL OFFICE<br><b>Region III</b><br>2443 Warrenville Road, Suite 210<br>Lisle, IL 60532 |  |
| 3. DOCKET NUMBER(S)<br>030-17948   | 4. LICENSE NUMBER(S)<br>24-20089-01 | 5. DATE(S) OF INSPECTION<br>02/3 /2009   |  |
| 6. INSPECTION PROCEDURES USED<br>87124   |                                     | 7. INSPECTION FOCUS AREAS<br>02.03 thru 02.11; 02.13 thru 02.14; 02.16 thru 02.19; and 02.21       |  |

**SUPPLEMENTAL INSPECTION INFORMATION**

|                            |                  |                                     |                                      |
|----------------------------|------------------|-------------------------------------|--------------------------------------|
| 1. PROGRAM CODE(S)<br>3121 | 2. PRIORITY<br>5 | 3. LICENSEE CONTACT<br>Bruce Dawson | 4. TELEPHONE NUMBER<br>573.449.26469 |
|----------------------------|------------------|-------------------------------------|--------------------------------------|

Main Office Inspection      Next Inspection Date: 2/2014

Field Office \_\_\_\_\_

Temporary Job Site Inspection      Broadway Detension Basen, Columbia, MO

**PROGRAM SCOPE**

**Portable Gauge Programs**

**Program Scope**

The licensee is a small engineering firm that employs 30 individuals. The licensee possesses two Troxler Model 3400 and one Instro Tek Model 3500 moisture density gauges, for use daily/weekly during the construction season for soils engineering projects at the Columbia facility, two gauges at their Jefferson City facility, and one that their Sedonia facility. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs 6 authorized gauge users who have completed manufacturers training. The three gauges at the Columbia facility are stored in a locked room in the licensee's office.

**Performance Observations**

At the time of this inspection, the gauges were in use. The operator possessed required shipping papers which contained all appropriate information and were accessible in the transport vehicle. Gauge/case were locked and chained to the rear of the vehicle during transport. The authorized user demonstrated an adequate level of understanding of emergency and handling procedures at the job site during the interview. Security during transport and at the job-site was described with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.

*K9P*