

NRC FORM 891M PART 1 (10-2011) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
1. LICENSEE/LOCATION INSPECTED: Anderson & Associates Consulting Engineers, L.L.C. 1511 Watts Drive Rolla, MO 65401 REPORT NUMBER(S) 2012-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-18311	4. LICENSE NUMBER(S) 24-20371-01	5. DATE(S) OF INSPECTION 3/28/2012	
<p>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:</p> <p><input type="checkbox"/> 1. Based on the inspection findings, no violations were identified.</p> <p><input type="checkbox"/> 2. Previous violation(s) closed.</p> <p><input type="checkbox"/> 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.</p> <p>Non-cited violation(s) were discussed involving the following requirement(s):</p> <p><input checked="" type="checkbox"/> 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)</p> <p>Condition 12.A. of NRC License No. 24-20371-01 states Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.</p> <p>Contrary to the above, the licensee has not leak tested it's sealed sources in gauges since May 2009, a period greater than 6 months.</p> <p>Corrective actions will include having the calibration company perform leak tests during calibrations, and having them send reminders for leak tests between calibrations.</p>			
<p align="center">Statement of Corrective Actions</p> <p>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.</p>			
TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE	William E. Anderson	William E. Anderson	4/2/12
NRC INSPECTOR	E. L. Kulczak	E. L. Kulczak	3/28/12
BRANCH CHIEF	T E BLOOMER	T E Bloomer	4/6/12

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Anderson & Associates Consulting Engineers, L.L.C. 1511 Watts Drive Rolla, MO 65401 REPORT NUMBER(S) 2012-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-18311	4. LICENSE NUMBER(S) 24-20371-01	5. DATE(S) OF INSPECTION 3/28/2012	
6. INSPECTION PROCEDURES USED IP 87124	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT William E. Anderson	4. TELEPHONE NUMBER (573) 364-8900
---------------------------------	----------------------	------------------------------------------------	-------------------------------------------

- ☒ Main Office Inspection Next Inspection Date: 3/2017
- ☐ Field Office Inspection
- ☒ Temporary Job Site Inspection Maries County Bank, St. James, MO

PROGRAM SCOPE

The licensee is an engineering firm that employs 12 individuals. The licensee possesses five Campbell Pacific moisture density gauges, for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs four authorized gauge users who have completed manufacturers training. Device is stored in a cabinet in the licensee's office in Rolla, Missouri.

Performance Observations

The operator possessed required shipping papers which contained all appropriate information and were accessible in the transport vehicle. Gauge/case was locked and chained to the rear of the vehicle during transport. The operator demonstrated an adequate level of understanding of emergency and handling procedures during interviews. Security during transport was described and observed respectively, with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.