

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  
Schultz & Summers Engineering, Inc.  
4800 West Boulevard  
Poplar Bluff, MO 63901  
REPORT NUMBER(S): 11-01

2. NRC/REGIONAL OFFICE  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, Illinois 60532

3. DOCKET NUMBER(S)  
030-34973

4. LICENSEE NUMBER(S)  
24-32159-01

5. DATE(S) OF INSPECTION  
May 12, 2011

**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:

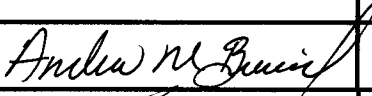


- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied

\_\_\_\_\_ Non-cited violation(s) 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

**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	Andrew M. Bramnik		5/17/2011
Branch Chief	Tamara E. Bloomer 		5/18/2011

*Docket File Information*  
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1. LICENSEE Schultz & Summers Engineering, Inc.  REPORT NUMBER(S) 11-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532
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3. DOCKET NUMBER(S) 030-34973	4. LICENSEE NUMBER(S) 24-32159-01	5. DATE(S) OF INSPECTION May 12, 2011
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6. INSPECTION PROCEDURES 87124	7. INSPECTION FOCUS AREAS 03.01 – 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 3121	2. PRIORITY 5	3. LICENSEE CONTACT Bari Chase, RSO	4. TELEPHONE NUMBER 573-686-0806
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Main Office Inspection  
 Field Office Inspection  
 Temporary Job Site Inspection

Next Inspection Date: May 2016

**PROGRAM SCOPE**

This was a routine inspection of an engineering and inspection company that utilized portable gauges for moisture and density testing. At the time of the inspection, the licensee possessed one Troxler Model No. 3400+ gauge at its main office in Poplar Bluff, MO. The licensee also possessed seven Troxler Model No. 3400 and 3400+ gauges at its field office in Kenner, LA, under a radioactive materials license from the State of Louisiana. Although the licensee maintained records for all of its gauges and employees at its main office in Missouri, the licensee had steadily transferred gauges to its Louisiana office since 2009. The licensee was not authorized to perform any non-routine maintenance or service activities on the gauges.

**PERFORMANCE OBSERVATIONS**

No work at temporary job sites was available for observation at the time of the inspection. Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. A gauge was observed as adequately secured with two independent barriers to removal while in storage. The licensee demonstrated how gauges were transported while using two independent barriers, as well as how gauges were tracked by utilization logs.

Independent measurements taken did not indicate readings in excess of Title 10 Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. Personal whole body dosimetry was observed during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits. The licensee had access to a radiation survey meter from a local hospital in the event of an incident involving a gauge. A records review indicated that required leak tests were performed at appropriate intervals. The inspector also verified that the licensee had never possessed more gauges than it was authorized for by its NRC license.

No violations were identified during this inspection.