

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Andrews Environmental Engineering, Inc.  
7486 Shadeland Station Way  
Indianapolis, IN 46256

REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-34711

4. LICENSE NUMBER(S)

13-32078-01

5. DATE(S) OF INSPECTION

July 27-August 3, 2017

**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	Deborah A. Piskura, Senior Health Physicist	<i>Deborah A. Piskura</i>	8/3/17
BRANCH CHIEF	Aaron T. McCraw, Chief, MIB	<i>A. T. McCraw</i>	8/3/17

**Docket File Information**

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6. INSPECTION PROCEDURES USED  87124	7. INSPECTION FOCUS AREAS  03.01 - 03.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03121	2. PRIORITY  5	3. LICENSEE CONTACT  Michael P. McConnell, RSO	4. TELEPHONE NUMBER  (217) 787-2334
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Main Office Inspection      Next Inspection Date: Aug. 3, 2022  
 Field Office Inspection \_\_\_\_\_  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was a routine unannounced inspection of an engineering and consulting company authorized to use portable gauges of various makes and models. The licensee operated four field offices within Indiana, Illinois, and Missouri, including its headquarters in Springfield, Illinois. On May 23, 2017, the licensee filed an amendment request to change its mailing address to its Springfield, Illinois corporate office. The issuance of the new license listing the Illinois mailing address and the termination action for the Indiana license were pending at the time of this inspection.

The licensee employed 4 individuals at its Indianapolis office. The Indianapolis office possessed one portable gauge which it used for DOT road projects and other construction projects daily during the construction season. At the time of this inspection, the gauge was stored at a field office in Illinois. Two individuals were authorized to use the gauge. The licensee did not perform any service or maintenance activities on its gauge; these services were performed by an authorized service company. The licensee used a dedicated, locked enclosure/cabinet to store the gauge unit. Gauge users were issued the keys to the gauge. Each gauge user must also complete the utilization log/sign-out sheet which informed the office of the exact job site where the device will be used. The licensee specifically instructed the gauge users not to leave the device unattended while at a job site. The licensee required gauge users to return the gauge to the authorized storage location upon completion of the shift.

During this inspection, the inspector toured the storage area where the gauge would be kept when not in use; performed radiation surveys around the devices; reviewed select records; and interviewed licensee personnel. The gauge users confirmed that the shipping papers were visible and within reach during transport. A gauge user demonstrated how the device would be secured and blocked and braced in the rear of the vehicle and confirmed that the devices would not be transported within the passenger compartment. At the time of this inspection, the gauge was not in use, therefore no field inspection was performed. This inspection included in-office review through August 3, 2017, to review information received on August 2, 2017, related to training, personnel monitoring, and audits. No violations of NRC requirements were identified during this inspection.