

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

PATRIOT ENGINEERING
1359 N. Aberdeen Ave
Terre Haute, IN 47804
REPORT NUMBER(S) 2009/001

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4351

3. DOCKET NUMBER(S)

030 - ~~335~~ 37878

4. LICENSEE NUMBER(S)

13-82725-01

5. DATE(S) OF INSPECTION

8/26/09

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.L. Kolzer

EL Kuhl

8/28/09

SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION

1. LICENSEE Patriot Engineering and Environmental REPORT 2009-001 NUMBER(S)		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-37878	4. LICENSE NUMBER(S) 13-32725-01	5. DATE(S) OF INSPECTION 8/26/2009	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3121	2. PRIORITY 5	3. LICENSEE CONTACT John Phillips	4. TELEPHONE NUMBER 812.466.5559
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 8/2014
<input type="checkbox"/> Field Office	
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

The licensee is an engineering firm that has five locations in Indiana. The company's main office is in Terre Haute, Indiana. The licensee possesses nine Seaman moisture density gauges (Radium-226) for use daily/weekly during the construction season (May-November) for soils engineering projects at the Terre Haute location. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs seven authorized gauge users who have completed manufacturers training. The gauges are stored in a room in the licensee's office in Terre Haute, Indiana.

Performance Observations

At the time of this inspection, the gauges were not in use at a job site in Edwardsport, Indiana which was one and a half hours south of the office. The inspector asked an authorized user to demonstrate the handling and transport of the gauge. The authorized user 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 operator demonstrated an adequate level of understanding of emergency and handling procedures. 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.

