

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Patriot Engineering and Environmental, Inc. 1359 North Aberdeen Avenue Terre Haute, IN 47804 REPORT NUMBER(S) 2014-003		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-37878	4. LICENSE NUMBER(S) 13-32725-01	5. DATE(S) OF INSPECTION June 12-13, 2014	

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:

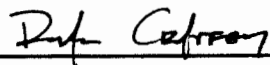

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Ryan Craffey		6/23/14
BRANCH CHIEF	Aaron McCraw		6/27/14

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Patriot Engineering and Environmental, Inc. 1359 North Aberdeen Avenue Terre Haute, IN 47804 REPORT NUMBER(S) 2014-003	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
--	---

3. DOCKET NUMBER(S) 030-37878	4. LICENSE NUMBER(S) 13-32725-01	5. DATE(S) OF INSPECTION June 12-13, 2014
--------------------------------------	---	--

6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS All
--	--------------------------------------

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Jeff Young - Site RSO	4. TELEPHONE NUMBER (812) 477-0050
---------------------------------	----------------------	--	---

Main Office Inspection Next Inspection Date: No change
 Field Office Inspection 103 S. Heidelberg Ave., Suite A, Evansville, IN
 Temporary Job Site Inspection Evansville, IN and Jeffersonville, IN

PROGRAM SCOPE

This was a routine inspection of an engineering consulting company authorized to use a variety of portable moisture density gauges at various field offices throughout Indiana, and at temporary job sites within NRC jurisdiction. This inspection was performed in order to assess the conduct of licensed activities at the Evansville, Indiana field office. At the time of the inspection, the licensee stored eight gauges at this location of use. The site RSO oversaw the use of gauges by eight authorized individuals, and possessed a survey meter in the event of an emergency. The licensee was considering an office relocation in August, and was aware of the need to request a license amendment prior to moving.

PERFORMANCE OBSERVATIONS

The inspector toured the licensee's facility in Evansville and found that the gauges were adequately posted and secured by two independent physical controls when not under constant surveillance by licensee staff. Independent and confirmatory surveys of unrestricted areas found no readings in excess of public dose limits. The inspector observed the conduct of licensed activities by personnel from this office at a temporary job site near the intersection of Heckel and Green River Road in Evansville. The user demonstrated the implementation of licensee procedures for gauge transportation, use, leak testing and emergency response. The user secured the gauge by means of constant surveillance during the inspection, but discussed with the inspector and site RSO how two barriers could be implemented with only minor modifications to the job box configuration. Through these and other discussions, the inspector found that licensee staff were knowledgeable of radiation protection principles and licensee procedures. The inspector also reviewed a selection of licensee records while on-site, including leak tests, shipping papers, dosimetry, and inventories.

The following day, the inspector also observed the licensee performing activities at 1302 Port Road in Jeffersonville. The company had dispatched two Troxler gauges from its office in Louisville, Kentucky for work on the I-265 extension. The inspector verified that both gauges were adequately secured, that leak tests were up to date, shipping papers were available, and that the gauge users were knowledgeable of radiation protection principles and NRC requirements. The users indicated that both gauges would be returned to the Louisville office at the end of the day.

No violations of NRC requirements were identified as a result of this inspection.