

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:
*PATRIOT ENGINEERING AND ENVIRONMENTAL
6330 E. 75th Street, Suite 216
INDIANAPOLIS, IN 46250*

2. NRC/REGIONAL OFFICE
Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

REPORT NUMBER(S) 15-01

3. DOCKET NUMBER(S)

030-37878

4. LICENSE NUMBER(S)

13-32725-01

5. DATE(S) OF INSPECTION

8/24/15

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	E.L. Kulzer	<i>E. L. Kulzer</i>	8/24/15
BRANCH CHIEF	<i>Alan T. McGowan</i>	<i>[Signature]</i>	8/28/15

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Patriot Engineering and Environmental, Inc. 6330 E. 75Th Street, Suite 216 Indianapolis, IN 46250 REPORT NUMBER(S) 15-01	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 8/24/2015
--------------------------------------	-----------------------------------------	-------------------------------------------

6. INSPECTION PROCEDURES USED IP 87121	7. INSPECTION FOCUS AREAS 03.01 through 03.07
-----------------------------------------------	------------------------------------------------------

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Brian King	4. TELEPHONE NUMBER (317) 576-8058
---------------------------------	----------------------	---------------------------------------	-------------------------------------------

Main Office Inspection Next Inspection Date: 8/4/2019

Field Office Inspection _____

Temporary Job Site Inspection "The Commons" downtown Indianapolis, IN

PROGRAM SCOPE

This was an escalated enforcement follow-up for failure to maintain constant control and surveillance of the gauge at a temporary job site that resulted in a crushed Seaman Model C-75-A portable gauge . The inspector reviewed the shipping papers for the damaged gauge that was returned to the vendor (see attached) and training records for all gauge users covering the licensee management's expectation that the gauges should never be left unattended in the field.

Performance Observations

The inspector went to a temporary job site to interview a gauge operator to determine the effectiveness of the training. The inspector requested the authorized user to simulate how the gauge was used in the field and how he would record gauge readings at the site. The inspector observed that the gauge was properly secured in the vehicle when the inspector arrived at the site.

The inspector requested the authorized user to demonstrate the use of the gauge. The authorized user demonstrated the use of the gauge and once gauge measurements were taken, the authorized user recorded the readings on papers he had in his pocket. Once the readings were written down along side the gauge, the authorized user picked up the gauge and returned it to his vehicle. The inspector observed that the shipping papers were properly stored in his vehicle.

No violations of NRC requirements were identified during the inspection.

Seaman Nuclear Corporation

7315 South First Street Oak Creek, WI 53154 USA

Tel 414-762-5100 Fax 414-762-5106

info@seamannuclear.com

Leak Test Certificate

August 21, 2014

A leak test has been performed on meter, serial number **7538**, a model C-75-A, containing the radionuclide Ra 226

Owned By: Patriot Eng. & Environmental Inc.
6330 E. 75th St., Suite 216
Indianapolis, IN 46250

Date Sample Collected: 8/15/14
Collected By: Bryan King
Date Sample Analyzed: 8/21/14
Analyzed By: K. Krysiak

Most regulatory agencies consider a source to be leaking if a leak test reveals the presence of more than 0.005 microcurie of removable contamination.

Analysis found contamination of less than 0.005 microcurie.

Analysis authorized by Wisconsin license 079-1257-01.

LEAK TEST DUE: 2/15/15



Scott C. Seaman
Radiation Safety Officer
Seaman Nuclear Corporation

Bill of Lading for R&L Carriers

To:
Seaman Nuclear Corporation
7315 South First Street
Oak Creek, WI 53154

From:
Patriot Eng. & Environmental Inc.
6330 E 75th St Suite 216
Indianapolis, IN 46250

24 hr Emergency Contact
Tel. 414-762-5100

Bill To: Seaman Nuclear Corporation

QTY HM Description

Serial #

1 case UN2915 Radioactive material, Type A package, 7, **Radium** 7538
226, solid, salt mixed with beryllium, 166.5 MBq. Radioactive
Yellow II label, all packed in one plastic shipping case,
dimensions 25 X 19 X 19 inches.

Item #164900, Sub-1, Class 70

Transport Index .7 Weight *Needs Weighed* lbs.

NO PLACARDS REQUIRED

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

SHIPPER'S SIGNATURE *[Signature]*

Received, subject to the classifications and lawfully filed tariffs in effect on the date of the issue to this Bill of Lading, the property described above in apparent good order, except as noted {contents and condition of contents of packages unknown}, marked, consigned, and destined as indicated above which said carrier {the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract} agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to be the shipper and accepted for himself and his assigns.

**** PLEASE SIGN BOTH COPIES ****

SHIPPER: Patriot Eng. & Environmental Inc.

CARRIER: R&L Carriers

[Signature] 9/3/14
Person Date

[Signature] 9-3-14
Person Date
15Kob