

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>ABNA Engineering, Inc. 4140 Lindell Blvd. St. Louis, MO 63108</p> <p>REPORT NUMBER(S) 2018001</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-36087</p>	<p>4. LICENSE NUMBER(S)</p> <p>24-32415-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>April 19, 2018 with in-office review through May 17, 2018</p>

**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	Jason D. Dwyer / Luis Nieves	<i>[Signature]</i>	5/22/18
BRANCH CHIEF	Aaron T. McCraw	<i>[Signature]</i> for ATM	5/22/18

**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  Raymond Bailey, RSO	4. TELEPHONE NUMBER  (314) 220-2378
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Main Office Inspection      Next Inspection Date: 04/19/2023

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a portable gauge licensee in St. Louis, MO. The licensee possessed four Campbell Pacific Nuclear (CPN) MC-1DR-P and one Seaman C-300 moisture density gauges, though at the time of inspection, one of the CPN gauges was offsite for calibration and the Seaman gauge had been in storage for the entirety of the time it has been on the licensee's license. The licensee has nine authorized users, however, no gauges were in use at temporary jobsites at the time of inspection. The licensee indicated that the gauges are mostly used during the summer months approximately 2-3 days per week.

**PERFORMANCE OBSERVATIONS**

The inspectors toured the licensee's storage facility, reviewed the security of the gauges, took independent dose measurements, noting no abnormal dose rates. Through interviews of and demonstrations by the RSO and other authorized users, the inspectors determined that the individuals were knowledgeable with respect to the use, transport, security, and radiation protection principles commensurate with their duties associated with the gauges. The inspectors reviewed records associated with inventory, leak tests, dosimetry, training, and audits, and didn't identify any issues.

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

GW for  
ATM  
5/22/18

## Draper, Jason

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**From:** Draper, Jason  
**Sent:** Tuesday, May 22, 2018 11:02 AM  
**To:** 'rbailey@abnaengineering.com'  
**Cc:** Nieves Folch, Luis  
**Subject:** NRC Inspection Report for ABNA Engineering, Inc.  
**Attachments:** NRC 591M part 1 signed.pdf

Ray,

As we discussed on our phone call on Thursday, May 17, 2018, attached is the inspection report for the routine NRC inspection at your main office in St. Louis, MO, on Thursday, April 19, 2018. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>.

Jason Draper  
Health Physicist (Inspector)  
NRC/RIII/DNMS/MIB  
(630) 829-9839  
[jason.draper@nrc.gov](mailto:jason.draper@nrc.gov)