

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Missouri Department of Conservation  
Design and Development  
P.O. Box 180  
Jefferson City, Mo 65102

REPORT NUMBER(S) 2016-001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

030-18214

## 4. LICENSE NUMBER(S)

24-20298-01

## 5. DATE(S) OF INSPECTION

May 18, 2016

## 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:

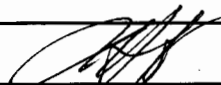

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Luis Nieves Folch		5/18/16
BRANCH CHIEF	Aaron T. McCraw		5/27/16

*Docket File Information*

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6. INSPECTION PROCEDURES USED

87124

7. INSPECTION FOCUS AREAS

03.01-03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Benjamin Rankin

4. TELEPHONE NUMBER

(573) 522-4115



Main Office Inspection

Next Inspection Date: May 18, 2021



Field Office Inspection



Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced, routine inspection of a nuclear gauge licensee that possessed four Troxler and two Humbolt portable moisture density gauges that contained americium-241/BE. for use daily/weekly during the construction season (May-November). The licensee stores the gauges in a locked cabinet in a locked building when not in use. The licensee transports these gauges in special metal boxes equipped with two locks. The licensee does not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer.

At the time of the inspection, the licensee employed four authorized gauge users who have completed manufacturers training.

**Performance Observations**

At the time of this inspection, three gauges were in use in remote areas and could not be observed the licensee demonstrated how to use the gauge, use ALARA practices in the field, and securing the gauge during transport while at the main office. The licensee had required shipping papers that contained all appropriate information and demonstrated how they can made accessible in the transport vehicle. The operator demonstrated an adequate level of understanding of emergency and handling procedures during interviews. The inspector reviewed annual audits, leak test, hazmat training, inventory, and usage logs.

No violations of NRC requirements were identified during this inspection.