

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Terracon Consultants, Inc.  
4765 West Junction Street  
Springfield, MO 65802

REPORT NUMBER(S) 2017001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-38835

4. LICENSE NUMBER(S)

24-35241-01

5. DATE(S) OF INSPECTION

September 13, 2017

**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:


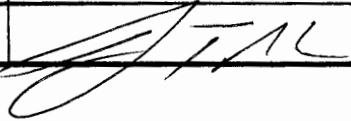
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☒ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Edward F. Harvey		9/13/17
BRANCH CHIEF	Aaron T. McCraw		9/28/17

## Docket File Information

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Terracon Consultants, Inc.  
4765 West Junction Street  
Springfield, MO 65802  
Location inspected: 2306 W. Phelps St, Springfield, MO

REPORT NUMBER(S) 2017001

## 2. NRC/REGIONAL OFFICE

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

## 3. DOCKET NUMBER(S)

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24-35241-01

## 5. DATE(S) OF INSPECTION

September 13, 2017

## 6. INSPECTION PROCEDURES USED

87121

## 7. INSPECTION FOCUS AREAS

All

## SUPPLEMENTAL INSPECTION INFORMATION

## 1. PROGRAM CODE(S)

03320

## 2. PRIORITY

1

## 3. LICENSEE CONTACT

Mike Donnelly, RSO

## 4. TELEPHONE NUMBER

(417) 864-5100

☒ Main Office Inspection

Next Inspection Date: September 13, 2018

☐ Field Office Inspection☐ Temporary Job Site Inspection

## PROGRAM SCOPE

This was an unannounced, routine inspection of a non-destructive testing company authorized to use radioactive material for industrial radiography at a fabrication shop in Springfield, Missouri, and at temporary job sites in NRC jurisdiction. At the time of the inspection, two radiographers worked full-time at the Springfield facility, conducting weld inspections of stainless steel vessels manufactured on-site within a designated area.

The inspector toured the fabrication shop and licensee's camera storage room to evaluate the licensee's measures for hazard communication and exposure control. The inspector was unable to observe radiographic operations as there were no exposures scheduled during the inspection. Instead, the inspector observed the radiographers demonstrate equipment checks, barrier setup for temporary job sites, and survey meter use. The inspector found the licensee's staff to be knowledgeable of radiation protection principles and licensee procedures, and noted that a selection of their dosimetry and survey instruments to be calibrated and operable. The inspector conducted independent surveys of the facility and found that exposures were below regulatory limits in areas accessible by members of the public.

The inspector also reviewed a selection of available safety-related records, including radiographer audits, utilization logs, quarterly equipment inspections, leak test results, equipment calibrations, shipping papers, and dosimetry.

No violations of NRC requirements were identified during this inspection.