

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Terracon Consultants, Inc. 4765 W. Junction St. Springfield, MO 65802 REPORT NUMBER(S) 2021001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-38835	4. LICENSE NUMBER(S) 24-35241-01	5. DATE(S) OF INSPECTION January 6, 2021
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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	Luis A. Nieves Folch <small>Digitally signed by Luis A. Nieves Folch Date: 2021.01.12 10:12:29 -06'00'</small>	
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2021.01.13 05:58:56 -06'00'</small>	



Materials Inspection Record

1. Licensee Name: Terracon Consultants, Inc.		2. Docket Number(s): 030-38835		3. License Number(s) 24-35241-01	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: January 6, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 03320	8. Priority: 1	9. Inspection Guidance Used: 87121	
10. Licensee Contact Name(s): Michael Donnelly, RSO		11. Licensee E-mail Address: Michael.Donnelly@terracon.com		12. Licensee Telephone Number(s): 417-761-3783	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office		01/06/2022 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended	
<input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		<input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, 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 and temporary job sites. In accordance with current agency policy during the Covid-19 public health emergency, this inspection was announced, and performed through telephonic and video conferencing interviews with the licensee's Radiation Safety Officer (RSO), and other licensee staff, observations by the inspector via video, and review of requested documentation provided by the licensee.

PERFORMANCE OBSERVATIONS

The inspector evaluate the licensee's measures for materials security, hazard communication, and exposure control virtually. The inspector reviewed a selection of the licensee's program documentation, including shipping papers, daily camera checks, field audits, dosimetry records, utilization logs, and leak test. At the time of the inspection, the NRC inspector did not have the opportunity to observe the performance of industrial radiography operation. The licensee demonstrated radiographic operations, performing camera checks, filling out the utilization logs, filling out the placards for the camera, equipment maintenance, survey meter use, barrier control, and emergency response. The inspector interviewed the licensee's radiation safety officer to discuss a variety of radiation safety topics, including the use of shielding during radiographic operations, and emergency response measures. The inspector further examined a selection of in-use pocket dosimeters, alarming rate meters, and survey instruments, and found all to be calibrated, operable, and properly used.

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