



Materials Inspection Report

1. Licensee/Location Inspected:

Terracon Consultants, Inc.
2306 W. Phelps St.
Springfield, Missouri 65802

Report Number(s) 2023001

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

January 11, 2023

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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.

(Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper Digitally signed by Jason D. Draper Date: 2023.02.02 09:57:35 -06'00'
BRANCH CHIEF	Rhex Edwards	 Digitally signed by Rhex A. Edwards Date: 2023.02.08 09:59:45 -06'00'



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): 2023001			5. Date(s) of Inspection: January 11, 2023		
6. Inspector(s): Jason Draper		7. Program Code(s): 03320		8. Priority: 1	9. Inspection Guidance Used: IP 87121
10. Licensee Contact Name(s): Michael Donnelly, RSO		11. Licensee E-mail Address: Michael.Donnelly@terracon.com		12. Licensee Telephone Number(s): (417) 864-5100	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 01/11/2024 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: 2306 W. Phelps St., Springfield, MO					
17. Scope and Observations: <p>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, the licensee employed two radiographers (including the RSO) and one radiographer's assistant who worked full-time at the Springfield facility, conducting weld inspections of stainless steel vessels manufactured on-site within a designated area as well as at temporary job sites in Missouri. The licensee was in the process of transitioning to exclusively x-ray radiography technology, had not received a new source since August 2022, and had not performed radiography under its NRC license since October 2022.</p> <p>During the inspection, the inspector toured the licensee's facility, including the material storage area, the designated radiography area, and the licensee's radiography truck to evaluate the licensee's measures for material security, access control, postings, and exposure control. During the tour, the inspector verified the licensee equipment and instrumentation appeared to be operational and in good material condition. There were no scheduled exposures to observe, but the inspector interviewed the RSO and other radiographer regarding the licensee's procedures for material receipt, inventory control, boundary control during radiographic operations, routine inspection and maintenance of equipment, source exchange and disposal, and emergency response procedures. The inspector also reviewed a selection of records associated with inventory, instrumentation calibration, dosimetry records, radiographer field audits, equipment inspections, leak test results, shipping papers, and periodic program reviews.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p>					
Signature and Date - Branch Chief   Digitally signed by Rhex A. Edwards Date: 2023.02.08 10:00:30 -06'00'					

From: [Jason Draper](#)
To: [Donnelly, Michael R](#)
Subject: NRC 591M - Terracon Consultants
Date: Thursday, February 9, 2023 8:39:00 AM
Attachments: [NRC 591M - Terracon Consultants 2023 jd_RAE.pdf](#)

Michael,

As we discussed following my inspection, attached is the inspection report for the routine NRC inspection that was performed at your facility in Springfield, Missouri, on January 11, 2023. 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, its enclosure, and your response, if you choose to provide one, 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>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Jason Draper

Health Physicist (Inspector)

NRC / Region III / DRSS / MIB

(630) 829-9839

jason.draper@nrc.gov