NRC FORM 591M PART 1 U.S. NUCLEAR REGULATORY COMMISSION 10 CFR 2,201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
LICENSEE/LOCATION INSPECTED: 2. NRC/REGIONAL OFFICE								
Terracon Consultants, Inc. 4765 West Junction Street Springfield, MO 65802 REPORT NUMBER(S) 2018001			Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352					
3. DOCKET NUMBER(S) 4. LICENSE NU			(\$)	5. DATE(S) OF INSPECT	TION			
030-38835		24-35241-01	10/17/18		F.			
1. Based on 2. Previous 3. The violar non-reper discretion 4. During thickled in ac with 10 C	an examination of the activities conduction (NRC) rules and regulations and the esentative records, interviews with person the inspection findings, no violations with violation(s) closed. Itions(s), specifically described to you be litive, and corrective action was or is bein, were satisfied. Non-cited violation(s) were discussive the modern of your activities, accordance with NRC Enforcement Policific FR 19.11. Is and Corrective Actions)	e conditions of your I onnel, and observati vere identified. y the inspector as no sing taken, and the re ed involving the follo	icense. The inspection consiste ons by the inspector. The inspector on the inspector of the	ed of selective examinated and formula in the control of the cause they we forcement Policy, to example of the cause they we have a control of the cause they we concerned the cause they we concerned the cause they we concerned the cause they were concerned to the cause they were cause they are caused to the cause they were caused the cause they are caused to the caused	ations of ollows: ere self-identified, ercise			
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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	Kevin G. Null		JUNIE TE	a	74/17/1			
BRANCH CHIEF	Amon T. McCray		The Indan for	ATM	11/7/18			

NRC FORM 591M PART 3)		CLEAR REGULATORY COMMISSION				
07-2012) 10 CFR 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
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REPORT NUMBER(S) 2018001								
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION				
030-38835		24-35241-01		October 17, 2018				
6. INSPECTION PROCEDURES US	ED	7. INSPECTION FOCUS AREAS						
87121		All						
SUPPLEMENTAL INSPECTION INFORMATION								
1. PROGRAM CODE(S) 3320	2. PRIORITY	3. LICENSEE CONTACT 4 Michael Donnelly		4. TELEPHONE NUMBER (417) 864-5100				
✓ Main Office Inspec	etion	Next Inspection Date: 10/17/2						
Field Office Inspection								
Temporary Job Site Inspection								
PROGRAM SCOPE This was a routine, unannounced inspection of a licensee authorized to conduct industrial radiography at a permanent radiographic installation (PRI) at its facility located at 2306 West Phelps Street, Springfield, Missouri, and at temporary job sites under NRC jurisdiction. The licensee manufactured large steel vessels and conducted gamma radiography in the PRI about 1 - 2 times per week to verify the quality of welds. The licensee had one PRI where about 85% of its radiography work was performed. Periodically, the licensee performed radiography at temporary job sites at various locations in Springfield, Missouri. The licensee was staffed by a radiation safety officer (RSO)/radiographer and one other radiographer.								
Performance Observations								
The inspector toured the licensee's facility and the PRI, interviewed the RSO and the other radiographer, and observed both individuals perform a mock setup for an exposure. Both individuals demonstrated pre-radiogaphic equipment safety checks and post-exposure surveys of the guide tube and camera. The inspector noted that both radiographers utilized appropriate personal dosimetry including a whole body badge, and a properly calibrated pocket ion chamber (PIC) and alarming rate dosimeter. They also demonstrated operable audible/visible alarming systems in the PRI, and the use of properly calibrated survey instrumentation. The inspector reviewed both radiographer's certification cards and training records, sealed source leak test and physical inventory records, survey meter and PIC calibration records, personal dosimetry for calendar years 2017 and 2018 to date, and records of safety checks of equipment. Using a calibrated Canberra model RadEyeG gamma survey meter, the inspector performed independent surveys in the area where the exposure devices were being stored, as well as areas immediately adjacent to the storage area. No violations or NRC requirements were identified.								