



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

August 25, 2023

David P. Rhoades  
Senior Vice President  
Constellation Energy Generation, LLC  
President and Chief Nuclear Officer (CNO)  
Constellation Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: UPDATED INSPECTION PLAN AND ASSESSMENT FOLLOW-UP LETTER  
FOR QUAD CITIES NUCLEAR POWER STATION (REPORT  
05000254/2023005; 05000265/2023005)

Dear David Rhoades:

The enclosed inspection plan lists the inspections scheduled through June 30, 2025, for the Quad Cities Nuclear Power Station. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 630-829-9732 with any questions you have regarding this letter.

Sincerely,



Signed by Ruiz, Robert  
on 08/25/23

Robert Ruiz, Chief  
Reactor Projects Branch 1  
Division of Operating Reactor Safety

Docket Nos. 05000254 and 05000265

License Nos. DPR-29 and DPR-30

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to David Rhoades from Robert Ruiz dated August 25, 2023.

SUBJECT: UPDATED INSPECTION PLAN AND ASSESSMENT FOLLOW-UP LETTER FOR QUAD CITIES NUCLEAR POWER STATION (REPORT 05000254/2023005; 05000265/2023005)

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# Site Inspection Activity Plan

## 07200053 - Quad Cities (ISFSI)

07/01/2023 - 06/30/2025

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Cask Loading Inspection</b>						2
	7/29/2024	8/2/2024	IP 60855	001001	Operation Of An ISFSI	

# Site Inspection Activity Plan

## Quad Cities

07/01/2023 - 06/30/2025

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Safety Conscious Work Environment Issues of Concern</b>						4
1,2	7/31/2023	8/4/2023	IP 93100	000921	Safety-Conscious Work Environment Issue of Concern Followup	
<b>Security Baseline Inspection</b>						1
1,2	9/5/2023	9/8/2023	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Quad Cities 2023 Licensed Operator Biennial Requalification Program Inspection</b>						2
1,2	10/9/2023	10/14/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Comprehensive Engineering Team Inspection</b>						7
1,2	10/16/2023	11/3/2023	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
<b>Emergency Preparedness Baseline Inspection / Performance Indicator Verification</b>						1
1,2	10/23/2023	10/27/2023	IP 71114.02	000717	Alert and Notification System Testing	
1,2	10/23/2023	10/27/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	10/23/2023	10/27/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	10/23/2023	10/27/2023	IP 71151	001397	Performance Indicator Verification	
<b>Radiation Protection Baseline Inspection</b>						1
1,2	11/13/2023	11/17/2023	IP 71151	000746	Performance Indicator Verification	
1,2	11/27/2023	12/1/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>Triennial Material Control and Accountability Inspection</b>						2
1,2	1/1/2024	12/31/2024	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>Corporate Security Baseline Inspection</b>						3
1,2	1/22/2024	1/26/2024	IP 71130.01	000733	Access Authorization	
<b>Emergency Preparedness Exercise Inspection / Performance Indicator Verification</b>						5
1,2	2/26/2024	3/1/2024	IP 71114.07	000722	Exercise Evaluation - Hostile Action (HA) Event	
1,2	2/26/2024	3/1/2024	IP 71151	001397	Performance Indicator Verification	
<b>Security Baseline Inspection</b>						1
1,2	2/26/2024	3/1/2024	IP 71130.01	000733	Access Authorization	
1,2	2/26/2024	3/1/2024	IP 71130.02	000734	Access Control	
1,2	2/26/2024	3/1/2024	IP 71130.09	001656	Security Plan Changes	
1,2	2/26/2024	3/1/2024	IP 71151	001338	Performance Indicator Verification	
1,2	4/1/2024	4/5/2024	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
<b>Inservice Inspection Unit 2</b>						1
2	3/18/2024	3/29/2024	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	

**Radiation Protection Baseline Inspection**

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# Site Inspection Activity Plan

1,2	3/18/2024	3/22/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	3/18/2024	3/22/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>Quad Cities May 2024 Initial License Exam</b>						<b>4</b>
1,2	4/21/2024	4/27/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2	5/26/2024	6/1/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
1,2	6/2/2024	6/7/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Radiation Protection Baseline Inspection</b>						<b>1</b>
1,2	6/24/2024	6/28/2024	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1,2	6/24/2024	6/28/2024	IP 71151	000746	Performance Indicator Verification	
<b>Functional Engineering Inspection - Aging of Structures, Systems, and Components</b>						<b>3</b>
1,2	8/5/2024	8/23/2024	IP 71111.21N.04	001832	Age-Related Degradation	
<b>Biennial Problem Identification and Resolution Inspection</b>						<b>4</b>
1,2	9/9/2024	9/27/2024	IP 71152B	000747	Problem Identification and Resolution	
<b>Force-on-Force Planning and Exercises - QUAD</b>						<b>5</b>
1,2	10/7/2024	10/11/2024	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1,2	10/28/2024	11/1/2024	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>Radiation Protection Baseline Inspection</b>						<b>1</b>
1,2	11/4/2024	11/8/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>Inservice Inspection Unit 1</b>						<b>1</b>
1	3/10/2025	3/21/2025	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Security Baseline Inspection</b>						<b>2</b>
1,2	4/28/2025	5/2/2025	IP 71130.02	000734	Access Control	
1,2	4/28/2025	5/2/2025	IP 71130.05	000737	Protective Strategy Evaluation	