



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

September 1, 2021

Mr. David Rhoades
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: UPDATED INSPECTION PLAN FOR QUAD CITIES NUCLEAR POWER
STATION (Report 05000254/2021005 AND 05000265/2021005)

Dear Mr. Rhoades,

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

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 Kenneth Riemer at 630-829-9628 with any questions you have regarding this letter.

Sincerely,

/RA/

Kenneth R. Riemer, Chief
Branch 1
Division of Reactor Projects

Docket Nos. 05000254 and 05000265
License Nos. DPR-29 and DPR-30

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to David Rhoades from Kenneth Riemer dated September 1, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR QUAD CITIES NUCLEAR POWER STATION (Report 05000254/2021005 AND 05000265/2021005)

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IP 22b Site Inspection Activity Plan

07200053 - Quad Cities (ISFSI)

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
ISFSI Security Inspection						1
1	4/24/2023	4/28/2023	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	

IP 22b Site Inspection Activity Plan

Quad Cities

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Force-On-Force Planning and Exercise Weeks -QC						6
1, 2	7/12/2021	7/16/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Radiation Protection Baseline Inspection						1
1, 2	7/28/2021	8/27/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Security Baseline Inspection						1
1, 2	10/1/2021	12/31/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	10/18/2021	10/22/2021	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	10/18/2021	10/22/2021	IP 71130.07	000739	Security Training	
Radiation Protection Baseline Inspection						1
1, 2	10/25/2021	10/29/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	10/25/2021	10/29/2021	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Design Basis Assurance Inspection (Programs)						3
1, 2	11/1/2021	11/19/2021	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Quad Cities 2021 Biennial Licensed Operator Requalification Program Inspection						2
1, 2	11/14/2021	11/20/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
1, 2	11/29/2021	12/3/2021	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	11/29/2021	12/3/2021	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	11/29/2021	12/3/2021	IP 71114.05	000720	Maintenance of Emergency Preparedness	
Triennial Heat Sink Inspection						2
1, 2	12/6/2021	12/10/2021	IP 71111.07T	000700	Heat Sink Performance	
Inservice Inspection Quad Cities Unit 2						1
2	3/21/2022	4/1/2022	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP Baseline Inspection						1
1	3/28/2022	4/1/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	3/28/2022	4/1/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	3/28/2022	4/1/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
Evaluations of Changes, Test, and Experiments Inspection						3
1, 2	5/23/2022	5/27/2022	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
RP Baseline Inspection						1
1	6/6/2022	6/10/2022	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	

IP 22b Site Inspection Activity Plan

Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	7/11/2022	7/15/2022	IP 71114.01	000716	Exercise Evaluation	
1, 2	7/11/2022	7/15/2022	IP 71151	001397	Performance Indicator Verification	
Security Baseline Inspection						2
1, 2	7/18/2022	7/22/2022	IP 71130.02	000734	Access Control	
1, 2	7/18/2022	7/22/2022	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	9/19/2022	9/23/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	9/19/2022	9/23/2022	IP 71151	001338	Performance Indicator Verification	
1, 2	10/3/2022	12/31/2022	IP 71130.09	001656	Security Plan Changes	
Triennial Fire Protection						3
1, 2	7/25/2022	8/12/2022	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
RP Baseline Inspection						1
1	9/19/2022	9/23/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Biennial Problem Identification and Resolution Inspection						4
1, 2	9/19/2022	10/7/2022	IP 71152B	000747	Problem Identification and Resolution	
License Renewal Phase 4						4
1, 2	11/14/2022	11/18/2022	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Quad Cities January 2023 Initial License Exam						4
1, 2	1/2/2023	1/7/2023	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	1/29/2023	2/4/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
1, 2	2/5/2023	2/10/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Corporate Security Baseline Inspection						3
1, 2	1/23/2023	1/27/2023	IP 71130.08	000740	Fitness For Duty Program	
Security Baseline Inspection						1
1, 2	2/27/2023	3/3/2023	IP 71130.02	000734	Access Control	
1, 2	2/27/2023	3/3/2023	IP 71130.08	000740	Fitness For Duty Program	
1, 2	3/27/2023	3/31/2023	IP 71130.07	000739	Security Training	
1, 2	4/24/2023	4/28/2023	IP 71130.09	001656	Security Plan Changes	
1, 2	4/24/2023	4/28/2023	IP 71151	001338	Performance Indicator Verification	
Unit 1 Inservice Inspection						1
1	3/27/2023	4/14/2023	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Radiation Protection Baseline Inspection						1
1, 2	4/3/2023	4/7/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Cyber Security Inspection						4
1, 2	5/15/2023	5/19/2023	IP 71130.10P	000741	Cyber Security	
Radiation Protection Baseline Inspection						1

IP 22b Site Inspection Activity Plan

1, 2 6/5/2023 6/9/2023 IP 71124.04 000728 Occupational Dose Assessment
