



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

August 28, 2019

Mr. Bryan C. Hanson  
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, UNITS 1 AND 2 (REPORT 05000254/2019005 AND  
05000265/2019005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the Quad Cities Nuclear Power Station, Units 1 and 2. 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me 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. 50-254; 50-265 and 72-053  
License Nos. DPR-29 and DPR-30

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Bryan Hanson from Kenneth Riemer dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR QUAD CITIES NUCLEAR POWER  
STATION, UNITS 1 AND 2 (REPORT 05000254/2019005 AND  
05000265/2019005)

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OFFICE	RIII		RIII				
NAME	CPhillips:bw		KRiemer				
DATE	8/21/2019		8/22/2019				

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# IP 22 Inspection Activity Plan Report

## 07200053 - Quad Cities (ISFSI)

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Security Inspection</b>						1
1	04/14/2021	04/16/2021	IP 81311	001006	Physical Security Requirements for Independent Spent Fuel Storage Installations	

# IP 22 Inspection Activity Plan Report

## Quad Cities

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Radiation Protection Baseline Inspection</b>						1
1	09/16/2019	09/20/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>Biennial Requalification Program Inspection</b>						2
1, 2	10/21/2019	10/25/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>Triennial Fire Protection Inspection</b>						3
1	11/04/2019	12/06/2019	IP 71111.05T	000696	Fire Protection	
<b>Emergency Preparedness Baseline Inspection / Performance Indicator Verification</b>						1
1, 2	11/04/2019	11/08/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	11/04/2019	11/08/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	11/04/2019	11/08/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	11/04/2019	11/08/2019	IP 71151	001397	Performance Indicator Verification	
<b>Radiation Protection Baseline Inspection</b>						1
1	12/02/2019	12/06/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>Corporate Security Baseline Inspection</b>						4
1, 2	01/14/2020	01/16/2020	IP 71130.08	000740	Fitness For Duty Program	
<b>Security Baseline Inspection</b>						1
1, 2	02/03/2020	02/07/2020	IP 71130.02	000734	Access Control	
1, 2	02/03/2020	02/07/2020	IP 71130.08	000740	Fitness For Duty Program	
<b>Cyber Security Inspection</b>						4
1, 2	02/10/2020	02/28/2020	IP 71130.10P	000741	Cyber Security	
<b>Quad Cities March 2020 Initial Exam</b>						4
1, 2	02/17/2020	02/22/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	03/15/2020	03/28/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Inservice Inspection Unit 2</b>						1
2	03/30/2020	04/10/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	

# IP 22 Inspection Activity Plan Report

## Quad Cities

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Radiation Protection Baseline Inspection</b>						2
1, 2	04/06/2020	04/10/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/06/2020	04/10/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/06/2020	04/10/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/06/2020	04/10/2020	IP 71124.04	000728	Occupational Dose Assessment	
<b>ISFSI Cask Loading Inspection 3Q2020</b>						2
1, 2	07/13/2020	07/17/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>Design Bases Assurance Inspection (Team)</b>						6
1, 2	08/10/2020	08/14/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	08/24/2020	08/28/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>Emergency Preparedness Exercise Inspection / Performance Indicator Verification</b>						4
1, 2	08/10/2020	08/14/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	08/10/2020	08/14/2020	IP 71151	001397	Performance Indicator Verification	
<b>Security Baseline Inspection</b>						1
1, 2	08/31/2020	09/04/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	08/31/2020	09/04/2020	IP 71151	001338	Performance Indicator Verification	
1, 2	09/28/2020	10/02/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
<b>Biennial Problem Identification and Resolution Inspection</b>						4
1, 2	10/05/2020	10/23/2020	IP 71152B	000747	Problem Identification and Resolution	
<b>Radiation Protection Baseline Inspection</b>						1
1, 2	10/19/2020	10/23/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>License Renewal Phase 4</b>						3
1, 2	11/02/2020	11/06/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Corporate Security Baseline Inspection</b>						3
1, 2	01/05/2021	01/07/2021	IP 71130.01	000733	Access Authorization	
<b>Security Baseline Inspection</b>						1
1, 2	02/15/2021	02/19/2021	IP 71130.01	000733	Access Authorization	
1, 2	02/15/2021	02/19/2021	IP 71130.02	000734	Access Control	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

## Quad Cities

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Security Baseline Inspection</b>						1
1, 2	02/15/2021	02/19/2021	IP 71151	001338	Performance Indicator Verification	
<b>Radiation Protection Baseline Inspection</b>						1
1, 2	03/15/2021	03/19/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>Inservice Inspection Quad Cities Unit 1</b>						1
1	03/18/2021	03/26/2021	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>Radiation Protection Baseline Inspection</b>						2
1, 2	06/07/2021	06/11/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/07/2021	06/11/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>Force-on-Force Planning and Exercises</b>						5
1, 2	06/21/2021	06/25/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	