



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

August 28, 2017

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 05000254/2017005 AND 05000265/2017005)**

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Quad Cities Nuclear Power Station, Units 1 and 2. The U.S. Nuclear Regulatory Commission (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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

The NRC staff plans to perform Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communications/Staffing/Multi-Unit Dose Assessment Plans," at Quad Cities Nuclear Power Station to confirm full implementation of Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." In addition to the Temporary Instruction inspection, the NRC also plans to perform the biennial Operator Requalification Program inspection and the Design Basis Assurance inspection in November 2017.

This letter and its enclosure 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 630-829-9731 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Karla Stoedter, Chief  
Branch 1  
Division of Reactor Projects

Docket Nos. 50-254; 50-265  
License Nos. DPR-29; DPR-30

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Bryan C. Hanson from Karla Stoedter dated August 28, 2017

SUBJECT: UPDATED INSPECTION PLAN FOR QUAD CITIES NUCLEAR POWER STATION,  
UNITS 1 AND 2 (REPORT 05000254/2017005 AND 05000265/2017005)

DISTRIBUTION:

Jeremy Bowen  
RidsNrrDorLpl3  
RidsNrrPMQuadCities Resource  
RidsNrrDirIrib Resource  
Cynthia Pederson  
James Trapp  
Richard Skokowski  
Allan Barker  
Carole Ariano  
Linda Linn  
DRPIII  
DRSIII  
[ROPAssessment.Resource@nrc.gov](mailto:ROPAssessment.Resource@nrc.gov)

ADAMS Accession Number: ML17240A2066

OFFICE	RIII	N					
NAME	KStoedter:tt						
DATE	8/23/2017						

**OFFICIAL RECORD COPY**

**Quad Cities**  
**Inspection / Activity Plan**  
**09/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>ISFSI - ISFSI PAD INSPECTION</b>		<b>1</b>
1, 2	09/01/2017	11/30/2017	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	09/18/2017	09/22/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	09/18/2017	09/22/2017	IP 71124.07	Radiological Environmental Monitoring Program	
			<b>OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1, 2	10/16/2017	10/20/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/13/2017	11/17/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>BI ENG - DBA TEAM</b>		<b>6</b>
1, 2	11/13/2017	12/01/2017	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	12/11/2017	12/15/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	03/19/2018	03/23/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	03/19/2018	03/23/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	03/19/2018	03/23/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/19/2018	03/23/2018	IP 71124.04	Occupational Dose Assessment	
			<b>ISI - INSERVICE INSPECTION UNIT 2</b>		<b>1</b>
2	03/19/2018	04/04/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>OL PREP - PRE-ONSITE VALIDATION OF NRC-WRITTEN EXA</b>		<b>1</b>
1	05/21/2018	05/25/2018	W90378	OL - INITIAL EXAM - 2018 JUN-JULY - QUAD CITIES	
			<b>ISFSI - ISFSI CASK LOADING INSPECTION</b>		<b>1</b>
1, 2	06/01/2018	09/01/2018	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>OL PREP - INITIAL PREP JUNE/JULY 2018</b>		<b>3</b>
1	06/18/2018	06/22/2018	W90378	OL - INITIAL EXAM - 2018 JUN-JULY - QUAD CITIES	
			<b>OL EXAM - INITIAL EXAM JULY 2018</b>		<b>3</b>
1	07/16/2018	07/27/2018	W90378	OL - INITIAL EXAM - 2018 JUN-JULY - QUAD CITIES	
			<b>BI ENG - DBA PROGRAMS</b>		<b>4</b>
1, 2	08/20/2018	09/07/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>4</b>
1, 2	09/10/2018	09/28/2018	IP 71152B	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

**Quad Cities**  
**Inspection / Activity Plan**  
**09/01/2017 - 06/30/2019**

Unit Number	Planned Dates Start      End	Inspection Activity	Title	No. of Staff on Site
		<b>BI HS</b>	<b>- TRIENNIAL HEAT SINK INSPECTION</b>	<b>2</b>
1, 2	11/05/2018    11/09/2018	IP 7111107T	Heat Sink Performance	
		<b>FLEX</b>	<b>- FLEX/MITIGATING STRATEGIES/SFP</b>	<b>4</b>
1, 2	11/26/2018    11/30/2018	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
		<b>EP</b>	<b>- EP EXERCISE/PI VERIFICATION</b>	<b>2</b>
1	12/03/2018    12/07/2018	IP 7111401	Exercise Evaluation	
1	12/03/2018    12/07/2018	IP 7111406	Drill Evaluation	
1	12/03/2018    12/07/2018	IP 7111408	Exercise Evaluation – Scenario Review	
1	12/03/2018    12/07/2018	IP 71151	Performance Indicator Verification	
		<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>
1	12/10/2018    12/14/2018	IP 71124.02	Occupational ALARA Planning and Controls	
		<b>BI 50.59</b>	<b>- TRIENNIAL 50.59 INSPECTION</b>	<b>3</b>
1	01/14/2019    01/18/2019	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
		<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>
1	03/18/2019    03/22/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
		<b>ISI</b>	<b>- INSERVICE INSPECTION UNIT 1</b>	<b>1</b>
1	03/18/2019    04/03/2019	IP 7111108G	Inservice Inspection Activities - BWR	
		<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>2</b>
1	06/03/2019    06/07/2019	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/03/2019    06/07/2019	IP 71124.07	Radiological Environmental Monitoring Program	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.