



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

September 3, 2013

Mr. Michael J. Pacilio  
Senior Vice President, Exelon Generation Co., LLC  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR QUAD CITIES  
NUCLEAR POWER STATION, UNITS 1 AND 2  
(REPORT 05000254/2013006 AND 05000265/2013006)**

Dear Mr. Pacilio:

On August 14, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Quad Cities Nuclear Power Station, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012 through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Quad Cities Nuclear Power Station, Units 1 and 2, during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014, including temporary instruction (TI) 182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks" and inspection procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation (ISFSI) at Operating Plants." Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security related inspections, which will be sent via separate, non-publicly available correspondence.

M. Pacilio

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management 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) 829-9703 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Christine A. Lipa, Chief  
Branch 1  
Division of Reactor Projects

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

Enclosure: Quad Cities Nuclear Power Station  
Inspection/ Activity Inspection Plan

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M. Pacilio

-2-

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Letter to from M. Pacilio from Lipa dated September 3, 2013

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR QUAD CITIES  
NUCLEAR POWER STATION, UNITS 1 AND 2  
(REPORT 05000254/2013006 AND 05000265/2013006)

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**Quad Cities**  
**Inspection / Activity Plan**  
**09/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>TI 182 - TI 182 BURIED PIPE INSPECTION PHASE 2</b>		<b>1</b>
1, 2	08/26/2013	09/30/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	09/16/2013	09/20/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>2</b>
1	10/21/2013	10/25/2013	IP 7111402	Alert and Notification System Testing	
1	10/21/2013	10/25/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	10/21/2013	10/25/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	10/21/2013	10/25/2013	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1, 2	10/21/2013	10/25/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/21/2013	10/25/2013	IP 71124.04	Occupational Dose Assessment	
			<b>BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1	10/21/2013	10/25/2013	IP 7111111B	Licensed Operator Requalification Program	
			<b>STRIKE - STRIKE CONTINGENCY-OPS/RP/MAINT</b>		<b>3</b>
1, 2	11/25/2013	12/30/2013	IP 92709	Licensee Strike Contingency Plans	
			<b>OL PREP - INITIAL EXAM - 04/2014</b>		<b>3</b>
1	03/31/2014	04/04/2014	W90292	OL - INITIAL EXAM - 2014 MARCH/APRIL - QUAD	
			<b>ISI INSP - ISI BASELINE</b>		<b>1</b>
1	04/07/2014	04/26/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1, 2	04/14/2014	04/18/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			<b>OL EXAM - INIT EXAM FOR QUAD CITIES - APRIL 2014</b>		<b>3</b>
1	04/21/2014	05/02/2014	W90292	OL - INITIAL EXAM - 2014 MARCH/APRIL - QUAD	
			<b>ISFSI - ISFSI INSPECTION AT OPERATING RX</b>		<b>1</b>
1, 2	05/01/2014	05/30/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI EPX - EP EXERCISE INSPECTION/PI VERIFICATION</b>		<b>2</b>
1	08/25/2014	08/29/2014	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	06/09/2014	06/13/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	08/04/2014	08/08/2014	IP 71124.05	Radiation Monitoring Instrumentation	

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

**Quad Cities**  
**Inspection / Activity Plan**  
**09/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>1</b>
1	09/08/2014	09/26/2014	IP 71152B	Problem Identification and Resolution	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	10/20/2014	10/24/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1	10/20/2014	10/24/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	10/20/2014	10/24/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/20/2014	10/24/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI ENG - COMPONENT DESIGN BASIS INSPECTION</b>		<b>7</b>
1, 2	11/03/2014	12/05/2014	IP 7111121	Component Design Bases Inspection	

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