



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

September 2, 2014

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

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR LASALLE COUNTY STATION
UNITS 1 AND 2**

Dear Mr. Pacilio:

On August 5, 2014, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of LaSalle County Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2013, through June 30, 2014. 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 LaSalle County Station, Unit 1, during the most recent quarter, and for the previous three quarters, was within the Licensee Response Column (Column 1) 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).

The NRC determined the performance at LaSalle County Station, Unit 2, for the most recent quarter, and for the three previous quarters was within the Regulatory Response Column (Column 2) of the NRC's ROP Action Matrix because of a White Inspection Finding in the Initiating Events Cornerstone. The Inspection Finding correlated to one of the scrams included in the White PI for Unplanned Scrams with Complications that crossed the green to white threshold in the second quarter of 2013. The White PI was not considered an Action Matrix input in this assessment period since one of the scrams was attributed to the event that resulted in the White Inspection Finding.

In our annual assessment letter, the NRC informed you that it would complete a supplemental inspection at your facility for both the White PI and White Inspection Finding. On March 21, 2014, the NRC completed a 95001 supplemental inspection at your facility to evaluate the corrective actions taken by members of your staff to prevent recurrence and address the white performance indicator and white inspection finding. The NRC determined you met the objectives of that inspection and documented the results in NRC Inspection Report and Assessment Follow-up Letter 05000374/2014009 (ADAMS Accession Number ML14122A124). In that letter, the NRC also updated its assessment of LaSalle County Station, Unit 2, and informed you that LaSalle Unit 2 would transition back to the Licensee Response Column (Column 1) of the ROP Action Matrix, beginning the third quarter of 2014.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 reflect this revision to Inspection Manual Chapter (IMC) 0310. Cross-cutting aspects identified in 2013 using the 2013 terminology were converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through December 31, 2015. 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.

The NRC also plans on performing special and infrequently performed inspections including: Inspection Procedure (IP) 71111.05T, "Fire Protection (Triennial)," IP 71152B, "Problem Identification and Resolution (Biennial)," and IP 71111.17T, "Evaluations of Changes, Tests and Experiments and Permanent Plant Modifications (Triennial)," and IP 71002, "License Renewal Inspection."

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is being coordinated with your staff. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

M. Pacilio

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In accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding," 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 Mr. Michael Kunowski, Branch 5 Chief, Division of Reactor Projects, at 630-829-9618 with any questions you may have regarding this letter.

Sincerely,

/RA/

Anne T. Boland, Director
Division of Reactor Projects

Docket Nos. 50-373; 50-374
License Nos. NPF-11; NPF-18

Enclosure:
LaSalle County Station, Units 1 and 2
Inspection/Activity Plan

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Inspection/Activity Plan

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LaSalle
Inspection / Activity Plan
09/01/2014 - 12/31/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP		3
1, 2	11/03/2014	12/05/2014	IP 7111105T	Fire Protection [Triennial]	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/29/2014	10/03/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			OL PREP - INITIAL EXAM - 10/2014		3
1	09/29/2014	10/03/2014	W90306	OL - INITIAL EXAM - 2014 JULY-MAR - LASA	
			OL EXAM - INIT EXAM FOR 10/2014		3
1	10/20/2014	10/31/2014	W90306	OL - INITIAL EXAM - 2014 JULY-MAR - LASA	
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
1	03/23/2015	03/27/2015	IP 7111402	Alert and Notification System Testing	
1	03/23/2015	03/27/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	03/23/2015	03/27/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	03/23/2015	03/27/2015	IP 71151	Performance Indicator Verification	
			BI ISI - ISI INSPECTION UNIT 2		1
2	02/02/2015	02/20/2015	IP 7111108G	Inservice Inspection Activities - BWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	03/16/2015	03/20/2015	IP 71124.05	Radiation Monitoring Instrumentation	
1	03/16/2015	03/20/2015	IP 71151-BI01		
			BI HS - TRIENNIAL HEAT SINK INSPECTION		2
1, 2	04/20/2015	04/24/2015	IP 7111107T	Heat Sink Performance	
			BI PIR - BIENNIAL PROBLEM IDENTIFICATION AND RES		4
1, 2	05/04/2015	05/22/2015	IP 71152B	Problem Identification and Resolution	
			ISFSI - ISFSI OPERATION INSPECTION		2
1, 2	05/01/2015	05/31/2015	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	06/22/2015	06/26/2015	IP 71124.07	Radiological Environmental Monitoring Program	
1	06/22/2015	06/26/2015	IP 71151-PR01		
			BI MODS - MODIFICATIONS / 50.59 INSPECTION		3
1, 2	06/29/2015	07/17/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	08/31/2015	09/04/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/31/2015	09/04/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1	08/31/2015	09/04/2015	IP 71151-OR01		

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

LaSalle
Inspection / Activity Plan
09/01/2014 - 12/31/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			RENEWAL - LICENSE RENEWAL INSPECTION 71002		7
1, 2	09/21/2015	10/09/2015	IP 71002	License Renewal Inspection	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/28/2015	10/02/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/28/2015	10/02/2015	IP 71124.05	Radiation Monitoring Instrumentation	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1, 2	11/16/2015	11/20/2015	IP 7111111B	Licensed Operator Requalification Program	

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