



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

March 4, 2013

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION,  
UNITS 1 AND 2 (REPORT 05000373/2012001; 05000374/2012001)

Dear Mr. Pacilio:

On February 13, 2013, the NRC completed its end-of-cycle performance review of LaSalle County Station, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012, through December 31, 2012. 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 that overall, LaSalle County Station, Units 1 and 2, operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance 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. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections in the last 12 months of the inspection plan are tentative and may be revised at the mid-cycle 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.

In addition to the ROP baseline, an inspection is planned using Independent Spent Fuel Storage Installation (ISFSI) Inspection Procedure 60855.1, "Operation of an ISFSI at Operating Plants."

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), 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) 829-9618 with any questions you have regarding this letter.

Sincerely,

**/RA/**

Michael A. Kunowski, Chief  
Branch 5  
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

cc w/encl: Distribution via ListServ™

M. Pacilio

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**LaSalle**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>2</b>
1	04/22/2013	04/26/2013	IP 7111402	Alert and Notification System Testing	
1	04/22/2013	04/26/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/22/2013	04/26/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/22/2013	04/26/2013	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	03/11/2013	03/15/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1	03/11/2013	03/15/2013	IP 71151-BI01	Reactor Coolant System Activity	
			<b>BI PI&amp;R - BIENNIAL PROBLEM IDENTIFICATION RES</b>		<b>5</b>
1	05/13/2013	05/31/2013	IP 71152B	Problem Identification and Resolution	
			<b>ISFSI - ISFSI INSPECTION</b>		<b>1</b>
1	06/01/2013	06/30/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	06/24/2013	06/28/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	06/24/2013	06/28/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	06/24/2013	06/28/2013	IP 71124.07	Radiological Environmental Monitoring Program	
1	06/24/2013	06/28/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI CDBI - COMPONENT DESIGN BASIS INSPECTION</b>		<b>8</b>
1	09/23/2013	10/25/2013	IP 7111121	Component Design Bases Inspection	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	09/30/2013	10/04/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/30/2013	10/04/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/30/2013	10/04/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	09/30/2013	10/04/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>STRIKE - STRIKE CONTINGENCY-OPS/RP/MAINT</b>		<b>3</b>
1, 2	09/30/2013	10/29/2013	IP 92709	Licensee Strike Contingency Plans	
			<b>BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1, 2	11/18/2013	11/22/2013	IP 7111111B	Licensed Operator Requalification Program	
			<b>BI ISI - INSERVICE INSPECTION UNIT 1</b>		<b>1</b>
1	02/10/2014	03/01/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/17/2014	02/21/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/17/2014	02/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	

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

**LaSalle**  
**Inspection / Activity Plan**  
**03/01/2013 - 12/31/2014**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/17/2014	02/21/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			<b>BI EPX - EP EXERCISE INSPECTION/PI VERIFICATION</b>		<b>2</b>
2	05/19/2014	05/23/2014	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	03/17/2014	03/21/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	03/17/2014	03/21/2014	IP 71124.04	Occupational Dose Assessment	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	06/16/2014	06/20/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/16/2014	06/20/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	06/16/2014	06/20/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	07/28/2014	08/01/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	07/28/2014	08/01/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>OL PREP - INITIAL EXAM - 10/2014</b>		<b>3</b>
1	09/29/2014	10/03/2014	W90306	OL - INITIAL EXAM - 2014 JULY-MAR - LASA	
			<b>OL EXAM - INIT EXAM FOR 10/2014</b>		<b>3</b>
1	10/20/2014	10/31/2014	W90306	OL - INITIAL EXAM - 2014 JULY-MAR - LASA	
			<b>BI FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP</b>		<b>3</b>
1, 2	11/03/2014	12/05/2014	IP 7111105T	Fire Protection [Triennial]	