



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 5, 2012

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION,  
UNITS 1 AND 2 (REPORT 05000373/2011007 AND 05000374/2011007)**

Dear Mr. Pacilio:

On February 14, 2012, 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 through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

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 June 30, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections in the last 9 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.

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."

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 will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document 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 630-829-9618 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Michael A. Kunowski, Branch Chief  
Branch 5  
Division of Reactor Projects

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

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

cc w/encl: Distribution via ListServe

M. Pacilio

-2-

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Letter to M. Pacilio from M. Kunowski dated March 5, 2012

SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION,  
UNITS 1 AND 2 (REPORT 05000373/2011007 AND 05000374/2011007)

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**LaSalle**  
**Inspection / Activity Plan**  
**01/01/2012 - 06/30/2013**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>BI ISI - INSERVICE INSPECTION - UNIT 1</b>		<b>1</b>
02/13/2012	02/17/2012	IP 7111108G	Inservice Inspection Activities - BWR	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
02/27/2012	03/02/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
02/27/2012	03/02/2012	IP 71124.02	Occupational ALARA Planning and Controls	
		<b>ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT</b>		<b>1</b>
04/01/2012	07/31/2012	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>
05/07/2012	05/11/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
05/07/2012	05/11/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		<b>TI-182 - TI-2515/182 PHASE I - BURIED PIPING</b>		<b>1</b>
07/02/2012	07/05/2012	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		<b>BI HS - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
07/16/2012	07/20/2012	IP 7111107T	Heat Sink Performance	
		<b>TI-177 - TI-2515/177 - GAS VOIDING IN ECCS PIPING</b>		<b>2</b>
07/30/2012	08/17/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	
		<b>BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>2</b>
07/30/2012	08/03/2012	IP 7111401	Exercise Evaluation	
07/30/2012	08/03/2012	IP 71151	Performance Indicator Verification	
		<b>BI MODS - TRIENNIAL PERM MODS/50.59</b>		<b>3</b>
09/03/2012	09/21/2012	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
09/24/2012	09/28/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
09/24/2012	09/28/2012	IP 71151-BI01	Reactor Coolant System Activity	
		<b>OL PREP - LASALLE INIT PREP - 10/2012</b>		<b>3</b>
10/01/2012	10/05/2012	W90267	OL - INITIAL EXAM - 2012 SEPT/OCT - LASA	
		<b>OL EXAM - LASALLE INIT EXAM - 10/2012</b>		<b>3</b>
10/22/2012	11/02/2012	W90267	OL - INITIAL EXAM - 2012 SEPT/OCT - LASA	
		<b>BI OLRQ - REQUALIFICATION PROGRAM INSPECTION</b>		<b>1</b>
11/05/2012	11/09/2012	IP 7111111A	Licensed Operator Requalification Program - Annual Review	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
12/10/2012	12/14/2012	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
12/10/2012	12/14/2012	IP 71124.04	Occupational Dose Assessment	

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		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
12/10/2012	12/14/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
		<b>BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION</b>		<b>2</b>
04/22/2013	04/26/2013	IP 7111402	Alert and Notification System Testing	
04/22/2013	04/26/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
04/22/2013	04/26/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
04/22/2013	04/26/2013	IP 71151	Performance Indicator Verification	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
03/18/2013	03/22/2013	IP 71124.05	Radiation Monitoring Instrumentation	
03/18/2013	03/22/2013	IP 71151-BI01	Reactor Coolant System Activity	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
06/24/2013	06/28/2013	IP 71124.07	Radiological Environmental Monitoring Program	
06/24/2013	06/28/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	