



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 1, 2010

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

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
LASALLE COUNTY STATION UNITS 1 AND 2**

Dear Mr. Pacilio:

On August 5, 2010, the NRC staff completed its performance review of the LaSalle County Station Units 1 and 2. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2009, through June 30, 2010. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the Security Cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at LaSalle County Station Units 1 and 2 was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2011. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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 Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

M. Pacilio

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact Kenneth Riemer at (630) 829-9628 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kenneth Riemer, Chief
Branch 2
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 ListServe

M. Pacilio

-2-

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Letter to M. Pacilio from K. Riemer dated September 1, 2010

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
LASALLE COUNTY STATION UNITS 1 AND 2

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LaSalle
Inspection / Activity Plan
09/01/2010 - 12/31/2011

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		ISFSI - ISFSI INSPECT. - SCHEDULE DEPENDENT		2
07/01/2010	09/30/2010	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
09/13/2010	09/17/2010	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
		OL EXAM - LASALLE INIT EXAM - SEPT. 2010		3
09/13/2010	09/24/2010	W90220	OL - INITIAL EXAM - SEPT 2010 - LASA	
		BI ENG - COMPONENT DESIGN BASES INSPECTION		6
10/18/2010	11/19/2010	IP 7111121	Component Design Bases Inspection	
		BI ENG - HEAD DROP ANALYSIS		1
10/18/2010	11/05/2010	IP 7111120	Refueling and Other Outage Activities	
		BI ENG - INSERVICE INSPECTION - UNIT 2		1
02/21/2011	03/16/2011	IP 7111108G	Inservice Inspection Activities - BWR	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/07/2011	03/11/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
03/07/2011	03/11/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
03/07/2011	03/11/2011	IP 71124.02	Occupational ALARA Planning and Controls	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
04/25/2011	04/29/2011	IP 71124.05	Radiation Monitoring Instrumentation	
		BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		2
06/27/2011	07/01/2011	IP 7111402	Alert and Notification System Testing	
06/27/2011	07/01/2011	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
06/27/2011	07/01/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
06/27/2011	07/01/2011	IP 71151-EP01	Drill/Exercise Performance	
06/27/2011	07/01/2011	IP 71151-EP02	ERO Drill Participation	
06/27/2011	07/01/2011	IP 71151-EP03	Alert & Notification System	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
07/18/2011	07/22/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
07/18/2011	07/22/2011	IP 71124.07	Radiological Environmental Monitoring Program	
		BI PI&R - BIENNIAL PI&R INSPECTION		2
09/12/2011	09/30/2011	IP 71152B	Identification and Resolution of Problems	
		BI ENG - TRIENNIAL FIRE PROTECTION INSPECTION		3
10/17/2011	11/18/2011	IP 7111105T	Fire Protection [Triennial]	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
10/31/2011	11/04/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	

LaSalle
Inspection / Activity Plan
09/01/2010 - 12/31/2011

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
10/31/2011	11/04/2011	IP 71151	Performance Indicator Verification	
		BI OL - BIENNIAL REQUAL PROGRAM INSPECTION		2
11/07/2011	11/10/2011	IP 7111111B	Licensed Operator Requalification Program	