



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2011

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 05000373/2011001 AND 05000374/2011001)**

Dear Mr. Pacilio:

On February 17, 2011, 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, 2010, through December 31, 2010. 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, 2012. 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 mid-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.

In addition to the ROP baseline, inspections are planned for Temporary Instructions 177, "Gas Accumulation in Emergency Core Cooling System Piping," and 179, "Inventories of Material Tracked in the National Source Tracking System."

M. Pacilio

-2-

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be 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).

Please contact me at 630-829-9628 with any questions you have regarding this letter.

Sincerely,

/RA/

Kenneth Riemer, Chief
Reactor 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 List Serve

M. Pacilio

-2-

In accordance with 10 CFR 2.390 of the NRC's Rules of Practice, a copy of this letter will be 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).

Please contact me at 630-829-9628 with any questions you have regarding this letter.

Sincerely,

/RA/

Kenneth Riemer, Chief
Reactor 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 List Serve

DISTRIBUTION:
See next page

DOCUMENT NAME: G:\DRPIII\1-Secy\1-Work In Progress\2010 EOC Letters\LaSalle 2010 EOC Letter.docx

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

**To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl
"E" = Copy with attach/encl "N" = No copy**

OFFICE	RIII	N	RIII	N	RIII		RIII	
NAME	NShah		KRiemer:cs					
DATE	03/01/11		03/03/11					

OFFICIAL RECORD COPY

Letter to M. Pacilio from K. Riemer dated March 4, 2011

SUBJECT: ANNUAL ASSESSMENT LETTER FOR LASALLE COUNTY STATION,
UNITS 1 AND 2 (REPORT 05000373/2011001 AND 05000374/2011001)

DISTRIBUTION:

Daniel Merzke

RidsNrrDorLpl3-2 Resource

RidsNrrPMLaSalle

RidsNrrDirslrib Resource

Cynthia Pederson

Steven Orth

Jared Heck

Allan Barker

Carole Ariano

Linda Linn

DRPIII

DRSIII

Patricia Buckley

Tammy Tomczak

ROPAssessment.Resource@nrc.gov

LaSalle
Inspection / Activity Plan
03/01/2011 - 06/30/2012

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI ENG - INSERVICE INSPECTION - UNIT 2		1
02/14/2011	03/07/2011	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	
		ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT		2
06/01/2011	06/30/2011	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		1
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	Performance Indicator Verification	
		BI PI&R - BIENNIAL PI&R INSPECTION		5
07/11/2011	07/29/2011	IP 71152B	Identification and Resolution of Problems	
		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 RP - RADIATION PROTECTION BASELINE INSPECTION		1
09/26/2011	09/30/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	
09/26/2011	09/30/2011	IP 71124.05	Radiation Monitoring Instrumentation	
		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	
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	
		BI ENG - INSERVICE INSPECTION - UNIT 1		1
02/13/2012	03/09/2012	IP 7111108G	Inservice Inspection Activities - BWR	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
02/20/2012	02/24/2012	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
02/20/2012	02/24/2012	IP 71124.02	Occupational ALARA Planning and Controls	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
05/07/2012	05/11/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	

LaSalle
Inspection / Activity Plan
03/01/2011 - 06/30/2012

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
05/07/2012	05/11/2012	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		TI - TEMPORARY INSTRUCTION 2515/177		2
06/11/2012	06/29/2012	IP 2515/177	Managing Gas Accumulation In Emergency Core Cooling, Decay Heat Removal & Containment Spray System	