



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

September 1, 2009

Mr. Charles G. Pardee  
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. Pardee:

On August 20, 2009, the NRC staff completed its performance review of the LaSalle County Station Units 1 and 2 for the first half of the calendar year 2009 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. 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 security, scheduled through December 31, 2010. 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. Of note, the plan includes a triennial Fire protection inspection, a biennial PI&R inspection, and an Engineering modifications inspection. 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).

C. Pardee

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The NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me 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

**DISTRIBUTION:**

See next page

Letter to C. Pardee from K. Riemer dated September 1, 2009

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

cc w/encl: Site Vice President - LaSalle County Station  
Plant Manager - LaSalle County Station  
Manager Regulatory Assurance - LaSalle County Station  
Senior Vice President - Midwest Operations  
Senior Vice President - Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director - Licensing and Regulatory Affairs  
Manager Licensing - Braidwood, Byron and LaSalle  
Associate General Counsel  
Document Control Desk - Licensing  
Assistant Attorney General  
J. Klinger, State Liaison Officer  
Illinois Emergency Management Agency  
Chairman, Illinois Commerce Commission  
Grundy County Board Chairman  
Mayor of Ottawa  
Mayor of Streator  
City Manager of Streator  
Director, Grundy County Emergency Management  
Agency  
Mayor of Seneca  
Mayor of Grand Ridge  
Mayor of Ransom  
Sheriff, LaSalle County  
LaSalle County Board Chairman  
Director, LaSalle County Emergency Management  
Agency  
Mayor of Marseilles  
Mayor of Verona  
Mayor of Kinsman  
G. Mortensen, INPO

C. Pardee

-2-

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OFFICE	RIII						
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DATE	08/27/09						

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Letter to C. Pardee from K. Riemer dated September 1, 2009

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LASALLE COUNTY STATION UNITS 1 AND 2

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**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2009 - 12/31/2010**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>ISFSI - ISFSI - DRY RUN &amp; INITIAL LOADING</b>		<b>1</b>
08/01/2009	10/31/2009	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
08/01/2009	10/31/2009	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		<b>HD DROP - SMART SAMPLE OPESS2007-03, REV. 2</b>		<b>1</b>
08/10/2009	09/04/2009	IP 7111120-Rfl	Refueling Activities	
		<b>BI ENG - ENGINEERING MODIFICATIONS / 50.59 INSP.</b>		<b>3</b>
08/31/2009	09/18/2009	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
09/21/2009	09/25/2009	IP 7112101	Access Control to Radiologically Significant Areas	
09/21/2009	09/25/2009	IP 7112102	ALARA Planning and Controls	
		<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>5</b>
11/02/2009	11/20/2009	IP 71152B	Identification and Resolution of Problems	
		<b>BI OL - LIC. OPERATOR REQUAL. PROGRAM EVALUATION</b>		<b>2</b>
11/16/2009	11/20/2009	IP 7111111B	Licensed Operator Requalification Program	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
11/30/2009	12/04/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
11/30/2009	12/04/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
		<b>BI ENG - ENGINEERING INSERVICE INSPECTION</b>		<b>1</b>
02/15/2010	02/26/2010	IP 7111108G	Inservice Inspection Activities - BWR	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
02/22/2010	02/26/2010	IP 7112101	Access Control to Radiologically Significant Areas	
02/22/2010	02/26/2010	IP 7112102	ALARA Planning and Controls	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
04/26/2010	04/30/2010	IP 7112101	Access Control to Radiologically Significant Areas	
04/26/2010	04/30/2010	IP 7112102	ALARA Planning and Controls	
		<b>BI EP - EP EXERCISE / PI VERIFICATION</b>		<b>3</b>
07/26/2010	07/30/2010	IP 7111401	Exercise Evaluation	
07/26/2010	07/30/2010	IP 71151-EP01	Drill/Exercise Performance	
07/26/2010	07/30/2010	IP 71151-EP02	ERO Drill Participation	
07/26/2010	07/30/2010	IP 71151-EP03	Alert & Notification System	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
08/02/2010	08/06/2010	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
08/02/2010	08/06/2010	IP 71151-BI01	Reactor Coolant System Activity	
08/02/2010	08/06/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	

**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2009 - 12/31/2010**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>OL PREP - LASALLE INIT PREP - AUG. 2010</b>		<b>2</b>
08/23/2010	08/27/2010	W90220	OL - INITIAL EXAM - SEPT 2010 - LASA	
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
09/13/2010	09/17/2010	IP 7112202	Radioactive Material Processing and Transportation	
		<b>OL EXAM - LASALLE INIT EXAM - SEPT. 2010</b>		<b>2</b>
09/13/2010	09/24/2010	W90220	OL - INITIAL EXAM - SEPT 2010 - LASA	
		<b>BI ENG - HEAD DROP ANALYSIS</b>		<b>1</b>
09/20/2010	10/08/2010	IP 7111120	Refueling and Other Outage Activities	
		<b>BI ENG - COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>
10/18/2010	11/19/2010	IP 7111121	Component Design Bases Inspection	