



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

March 4, 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: ANNUAL ASSESSMENT LETTER - LASALLE COUNTY STATION,  
UNITS 1 AND 2 (05000373/2009001; 05000374/2009001)

Dear Mr. Pardee:

On February 11, 2009, the NRC staff completed its performance review of 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 January 1 through December 31, 2008. 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 Related Information" will include the Security Cornerstone review and resultant inspection plan.

Overall, LaSalle County Station, Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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, including baseline and other infrequently conducted inspections, less those related to security, scheduled through June 30, 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. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the mid-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 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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this 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 Inspection/Activity Plan

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

**LaSalle**  
**Inspection / Activity Plan**  
**03/01/2009 - 06/30/2010**

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
03/09/2009	03/13/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
03/09/2009	03/13/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
03/09/2009	03/13/2009	IP 71151-BI01	Reactor Coolant System Activity	
03/09/2009	03/13/2009	IP 71151-OR01	Occupational Exposure Control Effectiveness	
03/09/2009	03/13/2009	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		<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>
09/14/2009	10/02/2009	IP 7111117B	Evaluations of Changes, Tests, or Experiments & 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>
02/22/2010	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	

C. Pardee

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Sincerely,

Kenneth Riemer, Chief  
Branch 2  
Division of Reactor Projects

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City Manager of Streator  
Director, Grundy County Emergency Management Agency  
Mayor of Seneca  
Mayor of Grand Ridge  
Mayor of Ransom  
Sheriff, LaSalle County  
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Mayor of Verona  
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G. Mortensen, INPO

**See Previous Concurrence**

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Letter to C. Pardee from K. Riemer dated March 4, 2009

SUBJECT: ANNUAL ASSESSMENT LETTER - LASALLE COUNTY STATION,  
UNITS 1 AND 2 (05000373/2009001; 05000374/2009001)

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