



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

September 2, 2008

Mr. Charles G. Pardee  
Chief Nuclear Officer and  
Senior Vice President  
Exelon Generation Company, LLC  
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 14, 2008, the NRC staff completed its performance review of the LaSalle County Station Units 1 and 2 for the first half of the calendar year 2008 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, 2009. 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 nine 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), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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  
Reactor Projects 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 2, 2008

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  
Regulatory Assurance Manager - LaSalle County Station  
Chief Operating Officer and Senior Vice President  
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  
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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  
LaSalle County Board Chairman  
Director, LaSalle County Emergency Management  
Agency  
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G. Mortensen, INPO

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Letter to C. Pardee from K. Riemer dated September 2, 2008

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LASALLE COUNTY STATION UNITS 1 AND 2

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**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2008 - 12/31/2009**

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
<b>ISFSI</b>	<b>- PAD CONSTRUCTION</b>	<b>1</b>			
IP 60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants		08/01/2008	10/31/2008	Other Routine
<b>TI</b>	<b>- TEMPORARY INSTRUCTION 2515/171</b>	<b>2</b>			
IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		09/29/2008	10/03/2008	Generic Safety Inspectio
<b>OA</b>	<b>- OTHER ROUTINE - RPV HEAD DROP</b>	<b>1</b>			
IP 7111120	Refueling and Other Outage Activities		09/29/2008	10/03/2008	Baseline Inspections
<b>BI ENG</b>	<b>- FIRE PROTECTION INFO GATHERING TRIP</b>	<b>3</b>			
IP 7111105T	Fire Protection [Triennial]		10/20/2008	10/24/2008	Baseline Inspections
<b>BI ENG</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	<b>4</b>			
IP 7111105T	Fire Protection [Triennial]		11/03/2008	11/17/2008	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112202	Radioactive Material Processing and Transportation		12/08/2008	12/12/2008	Baseline Inspections
<b>BI EP</b>	<b>- EP ROUTINE INSPECTION / PI VERIFICATION</b>	<b>1</b>			
IP 7111402	Alert and Notification System Testing		01/12/2009	01/16/2009	EP Baseline Inspection
IP 7111403	Emergency Response Organization Augmentation Testing		01/12/2009	01/16/2009	EP Baseline Inspection
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		01/12/2009	01/16/2009	EP Baseline Inspection
IP 71151-EP01	Drill/Exercise Performance		01/12/2009	01/16/2009	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		01/12/2009	01/16/2009	Baseline Inspections
IP 71151-EP03	Alert & Notification System		01/12/2009	01/16/2009	Baseline Inspections
<b>BI ENG</b>	<b>- ENGINEERING INSERVICE INSPECTION</b>	<b>1</b>			
IP 7111108G	Inservice Inspection Activities - BWR		01/18/2009	01/22/2009	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		01/26/2009	01/30/2009	Baseline Inspections
IP 7112102	ALARA Planning and Controls		01/26/2009	01/30/2009	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		03/09/2009	03/13/2009	Generic Safety Inspectio
IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		03/09/2009	03/13/2009	Baseline Inspections
<b>BI ENG</b>	<b>- ENGINEERING MODIFICATIONS / 50.59 INSP.</b>	<b>3</b>			
IP 7111117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications		09/15/2009	10/02/2009	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		09/21/2009	09/25/2009	Baseline Inspections
IP 7112102	ALARA Planning and Controls		09/21/2009	09/25/2009	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		09/21/2009	09/25/2009	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		09/21/2009	09/25/2009	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		09/21/2009	09/25/2009	Baseline Inspections

**LaSalle**  
**Inspection / Activity Plan**  
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Inspection Activity	Title	No. of Staff on Site	Planned Dates Start      End		Inspection Type
<b>ISFSI</b>	<b>- ISFSI - DRY RUN &amp; INITIAL LOADING</b>	<b>1</b>			
IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants		10/01/2009	12/31/2009	Other Routine
IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		10/01/2009	12/31/2009	Other Routine
<b>BI PI&amp;R</b>	<b>- BIENNIAL PI&amp;R INSPECTION</b>	<b>4</b>			
IP 71152B	Identification and Resolution of Problems		11/02/2009	11/20/2009	Baseline Inspections
<b>BI OL</b>	<b>- BIENNIAL REQUAL. PROGRAM INSPECTION</b>	<b>2</b>			
IP 7111111B	Licensed Operator Requalification Program		11/16/2009	11/20/2009	Baseline Inspections
<b>BI RP</b>	<b>- RADIATION PROTECTION BASELINE INSPECTION</b>	<b>1</b>			
IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative		11/30/2009	12/04/2009	Generic Safety Inspectio
IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		11/30/2009	12/04/2009	Baseline Inspections