

August 31, 2006

Mr. Christopher M. Crane  
President and Chief Nuclear Officer  
Exelon Nuclear  
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. Crane:

On August 7, 2006, the NRC staff completed its performance review of the LaSalle County Station, Units 1 and 2 for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed the 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 physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter at the 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 March 31, 2008. Significant inspections planned include a Component Design Basis Inspection in August 2007, and a Problem Identification and Resolution Inspection (PI&R) in November 2007. 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), 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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (630) 829-9629 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Bruce Burgess, Chief  
Reactor Projects Branch 2  
Division of Reactor Projects

Docket Nos. 50-373; 50-374  
License Nos. NPF-11; NPF-18

Enclosure:  
LaSalle Inspection/Activity Plan

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C. Crane

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cc w/encl: Site Vice President - LaSalle County Station  
LaSalle County Station Plant Manager  
Regulatory Assurance Manager - LaSalle County Station  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Senior Vice President - Mid-West Regional  
Operating Group  
Vice President - Mid-West Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing - Mid-West Regional  
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Grundy County Board Chairman  
Mayor of Ottawa  
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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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**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2006 - 03/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>HS</b>	<b>- HEAT SINK INSPECTION</b>	<b>3</b>			
1,2	IP 7111107B	Heat Sink Performance		08/28/2006	09/01/2006	Baseline Inspections
	<b>BI</b>	<b>- RAD INSTRUMENTATION</b>	<b>1</b>			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/25/2006	09/29/2006	Baseline Inspections
	<b>FY 2007</b>	<b>- LASALLE INIT PREP 10/2006</b>	<b>3</b>			
1	W90146	OL - INITIAL EXAM - LASALLE - OCT/NOV 2006		10/23/2006	10/27/2006	Not Applicable
	<b>IP 71114</b>	<b>- EP EXERCISE BASELINE</b>	<b>3</b>			
1,2	IP 7111401	Exercise Evaluation		11/13/2006	11/17/2006	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/13/2006	11/17/2006	Baseline Inspections
	<b>FY 2007</b>	<b>- LASALLE INIT EXAM 11/2006</b>	<b>3</b>			
1	W90146	OL - INITIAL EXAM - LASALLE - OCT/NOV 2006		11/13/2006	11/21/2006	Not Applicable
	<b>71122.02</b>	<b>- TRANSPORTATION</b>	<b>1</b>			
1,2	IP 7112202	Radioactive Material Processing and Transportation		01/22/2007	01/26/2007	Baseline Inspections
	<b>ISI</b>	<b>- ISI BASELINE INSPECTION</b>	<b>1</b>			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/05/2007	03/09/2007	Baseline Inspections
	<b>BI</b>	<b>- OUTAGE ACCESS CONTROL AND ALARA</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/12/2007	03/16/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/12/2007	03/16/2007	Baseline Inspections
	<b>MOD5059</b>	<b>- MODIFICATIONS/50.59 INSPECTION</b>	<b>1</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/30/2007	05/18/2007	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		04/30/2007	05/18/2007	Baseline Inspections
	<b>BI</b>	<b>- GAS AND LIQUID EFFLUENTS</b>	<b>1</b>			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/21/2007	05/25/2007	Baseline Inspections
	<b>EP BI</b>	<b>- BASELINE EP INSPECTION</b>	<b>1</b>			
1,2	IP 7111402	Alert and Notification System Testing		07/23/2007	07/27/2007	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		07/23/2007	07/27/2007	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/23/2007	07/27/2007	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		07/23/2007	07/27/2007	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		07/23/2007	07/27/2007	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		07/23/2007	07/27/2007	Baseline Inspections
	<b>BI</b>	<b>- REMP</b>	<b>1</b>			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		07/09/2007	07/13/2007	Baseline Inspections
	<b>CDBI</b>	<b>- COMPONENT DESIGN BASES INSPECTION</b>	<b>5</b>			
1,2	IP 7111121	Component Design Bases Inspection		08/27/2007	09/28/2007	Baseline Inspections

This report does not include INPO and OUTAGE activities.  
This report shows only on-site and announced inspection procedures.

## LaSalle

## Inspection / Activity Plan

09/01/2006 - 03/31/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>71111.11</b>	<b>- LIC OPERATOR REQUAL PROGRAM EVALUATION</b>	<b>2</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		11/05/2007	11/09/2007	Baseline Inspections
	<b>PI&amp;R</b>	<b>- PI&amp;R BIENNIAL INSPECTION</b>	<b>3</b>			
1,2	IP 71152B	Identification and Resolution of Problems		11/26/2007	12/14/2007	Baseline Inspections
	<b>ISI</b>	<b>- ISI INSPECTION</b>	<b>1</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/12/2008	02/27/2008	Baseline Inspections
	<b>BI</b>	<b>- OUTAGE ACCESS CONTROL AND ALARA</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/18/2008	02/22/2008	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/18/2008	02/22/2008	Baseline Inspections