

August 31, 2007

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 14, 2007, the NRC staff completed its performance review of the LaSalle County Station Units 1 and 2 for the first half of the calendar year 2007 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, 2008. 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 component design bases inspection, a biennial PI&R inspection, and a triennial fire protection 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).

C. Crane

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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,  
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:  
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C. Crane

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OFFICE	RIII						
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DATE	08/31/07						

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Letter to C. Crane from K. Riemer dated August 31, 2007

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

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  
Operating Group  
Manager Licensing - Clinton and LaSalle  
Senior Counsel, Nuclear, Mid-West Regional  
Operating Group  
Document Control Desk - Licensing  
Assistant Attorney General  
Illinois Emergency Management Agency  
State Liaison Officer  
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  
INPO

Letter to C. Crane from K. Riemer dated August 31, 2007

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LASALLE COUNTY STATION UNITS 1 AND 2

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DRSIII

PLB1

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**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	End	Inspection Type
<b>BI ENG - COMPONENT DESIGN BASES INSPECTION</b>		<b>6</b>			
IP 7111121	Component Design Bases Inspection		08/27/2007	09/28/2007	Baseline Inspections
<b>BI OL - BIENNIAL REQUAL. PROGRAM INSPECTION</b>		<b>2</b>			
IP 7111111B	Licensed Operator Requalification Program		11/26/2007	11/30/2007	Baseline Inspections
<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>3</b>			
IP 71152B	Identification and Resolution of Problems		11/26/2007	12/14/2007	Baseline Inspections
<b>BI ENG - ENGINEERING INSERVICE INSPECTION</b>		<b>1</b>			
IP 7111108G	Inservice Inspection Activities - BWR		02/11/2008	03/07/2008	Baseline Inspections
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		02/18/2008	02/22/2008	Baseline Inspections
IP 7112102	ALARA Planning and Controls		02/18/2008	02/22/2008	Baseline Inspections
<b>BI ENG - BIENNIAL MAINTENANCE EFFECTIVENESS INSP.</b>		<b>1</b>			
IP 7111112B	Maintenance Effectiveness		03/24/2008	03/28/2008	Baseline Inspections
<b>BI EP - EP EXERCISE INSPECTION / PI VERIFICATION</b>		<b>3</b>			
IP 7111401	Exercise Evaluation		04/28/2008	05/02/2008	Baseline Inspections
IP 71151-EP01	Drill/Exercise Performance		04/28/2008	05/02/2008	Baseline Inspections
IP 71151-EP02	ERO Drill Participation		04/28/2008	05/02/2008	Baseline Inspections
IP 71151-EP03	Alert & Notification System		04/28/2008	05/02/2008	Baseline Inspections
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/19/2008	05/23/2008	Baseline Inspections
IP 71151-BI01	Reactor Coolant System Activity		05/19/2008	05/23/2008	Baseline Inspections
IP 71151-OR01	Occupational Exposure Control Effectiveness		05/19/2008	05/23/2008	Baseline Inspections
IP 71151-PR01	RETS/ODCM Radiological Effluent		05/19/2008	05/23/2008	Baseline Inspections
<b>BI ENG - BIENNIAL HEAT SINK INSPECTION</b>		<b>1</b>			
IP 7111107B	Heat Sink Performance		05/26/2008	05/30/2008	Baseline Inspections
<b>OL EXAM - LASALLE INITIAL LICENSE EXAM VALIDATION</b>		<b>3</b>			
W90184	LASALLE - INITIAL EXAM - JULY/AUG 2008		07/28/2008	08/01/2008	Not Applicable
<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>			
IP 7112101	Access Control to Radiologically Significant Areas		08/25/2008	08/29/2008	Baseline Inspections
IP 7112102	ALARA Planning and Controls		08/25/2008	08/29/2008	Baseline Inspections
<b>OL EXAM - LASALLE INITIAL LICENSE EXAMINATION</b>		<b>3</b>			
W90184	LASALLE - INITIAL EXAM - JULY/AUG 2008		08/18/2008	08/29/2008	Not Applicable
<b>BI OL - BIENNIAL REQUAL. PROGRAM INSPECTION</b>		<b>2</b>			
IP 7111111B	Licensed Operator Requalification Program		10/20/2008	10/24/2008	Baseline Inspections

**LaSalle**  
**Inspection / Activity Plan**  
**09/01/2007 - 12/31/2008**

Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
			Start	End	
<b>BI ENG</b>	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b>	<b>3</b>			
IP 7111105T	Fire Protection [Triennial]		12/01/2008	12/19/2008	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