

March 2, 2007

Mr. Christopher M. Crane
President and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: ANNUAL ASSESSMENT LETTER - LASALLE COUNTY STATION,
UNITS 1 AND 2 (REPORT 05000373/2007001, 05000374/2007001)

Dear Mr. Crane:

On February 14, 2007, the Nuclear Regulatory Commission (NRC) staff completed its performance review of the 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, 2006. 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 as "Exempt from Public Disclosure in Accordance with 10 CFR 2.390" and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Overall, the 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 baseline inspections at your facility.

Additionally, on March 31, 2006, the staff issued a Severity Level III Notice of Violation in accordance with the NRC's Enforcement Policy. It was for a willful violation of station High-Radiation Area Technical Specification requirements by Venture pipefitters during the Unit 2 refuel outage in February 2005.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through June 30, 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. 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 L. Burgess, 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

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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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LaSalle
Inspection / Activity Plan
03/01/2007 - 06/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	ISI	- ISI BASELINE INSPECTION	1			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/02/2007	03/06/2007	Baseline Inspections
	BI	- OUTAGE ACCESS CONTROL AND ALARA	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/01/2007	03/09/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/01/2007	03/09/2007	Baseline Inspections
	MOD	- MODIFICATION/50.59 INSPECTION	2			
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
	BI	- GAS AND LIQUID EFFLUENTS	1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/21/2007	05/25/2007	Baseline Inspections
	EP BI	- BASELINE EP INSPECTION	1			
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
	BI	- REMP	1			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		07/16/2007	07/20/2007	Baseline Inspections
	CDBI	- COMPONENT DESIGN BASES INSPECTION	6			
1,2	IP 7111121	Component Design Bases Inspection		08/27/2007	09/28/2007	Baseline Inspections
	7111111B	- LIC OPERATOR REQUAL PROGRAM EVALUATION	2			
1,2	IP 7111111B	Licensed Operator Requalification Program		11/26/2007	11/30/2007	Baseline Inspections
	PI&R	- PI&R BIENNIAL INSPECTION	5			
1,2	IP 71152B	Identification and Resolution of Problems		11/26/2007	12/14/2007	Baseline Inspections
	ISI	- ISI INSPECTION	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/11/2008	03/07/2008	Baseline Inspections
	RP BI	- OUTAGE ACCESS CONTROL AND ALARA	1			
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
	EP	- EP EXER AND PI	1			
1,2	IP 7111401	Exercise Evaluation		04/28/2008	05/02/2008	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		04/28/2008	05/02/2008	Baseline Inspections
	MAINRULE	- MAINTENANCE EFFECTIVENESS INSPECTION	1			
1,2	IP 7111112B	Maintenance Effectiveness		03/24/2008	03/28/2008	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
03/01/2007 - 06/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
RP INST - RAD PROTECTION INSTRUMENTATION			2			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/19/2008	05/23/2008	Baseline Inspections
HEATSINK - HEAT SINK INSPECTION			1			
1,2	IP 7111107B	Heat Sink Performance		05/19/2008	06/06/2008	Baseline Inspections

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