

March 2, 2005

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 NUCLEAR POWER STATION
(REPORT 05000373/200501; 05000374/200501)

Dear Mr. Crane:

On February 9, 2005, the NRC staff completed its end-of-cycle plant performance assessment of the LaSalle County Station. The end-of-cycle review for the LaSalle County Station involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

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.

Overall, LaSalle Nuclear Power Station 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 only reactor oversight process (ROP) baseline inspections at your facility through September 30, 2006.

Additionally, the substantive cross-cutting issue in the area of human performance, identified during the mid-cycle assessment, continued as a regulatory concern during the end-of-cycle assessment. Plant performance in this cross-cutting area was assessed by expending efforts to review problem identification and resolution (PI&R) issues during routine baseline inspections.

Our inspection staff identified ten GREEN findings/violations where human performance was not adequate during the assessment period. Seven of these were previously evaluated as part of the twelve findings considered during the mid-cycle assessment, while three are new. Of

these ten findings/violations, three are in the reactor safety strategic performance area (SPA) (two mitigating systems cornerstone, and one barrier integrity cornerstone), and the remaining seven are in the radiation safety SPA (all in the occupational radiation safety cornerstone).

In our mid-cycle assessment letter dated August 30, 2004, we advised you of our identification of a substantive human performance cross-cutting issue. In response to the identification of human performance deficiencies, you have developed a comprehensive human performance plan and have begun execution of that plan. Each of the individual performance errors was entered into your corrective action program and you have completed root cause analyses on a department by department basis for certain human performance issues. However, the effectiveness of these corrective actions is still indeterminate, as evidenced by the continued occurrence of human performance events/issues at LaSalle County Station.

Because of continued concerns with human performance at LaSalle County Station, we request that you discuss this substantive cross-cutting issue during the end-of-cycle meeting and that you provide a written response to the NRC, within 60 days of the date of this letter, detailing corrective actions taken, the effectiveness of implemented corrective actions, and any additional corrective actions needed as a result of the continued occurrence of issues having human performance as a significant causal factor or contributing cause.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through September 30, 2006. The biennial PI&R inspection is scheduled for October 2005. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved 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 meeting.

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). ADAMS is 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) 829-9600 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark A. Satorius, Director
Division of Reactor Projects

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

Enclosure: LaSalle Inspection/ Activity Plan

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 Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

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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 Department of Nuclear Safety
State Liaison Officer
Chairman, Illinois Commerce Commission

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Institute of Nuclear Power Operations (INPO)

LaSalle
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	FY 2005 - LASALLE INIT EXAM 03/2005		2			
1	W90114	OL - INITIAL EXAM - LASALLE - JAN/FEB 2005		03/07/2005	03/11/2005	Not Applicable
	71114 - BASELINE EP INSP		1			
1,2	IP 7111402	Alert and Notification System Testing		03/28/2005	04/01/2005	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		03/28/2005	04/01/2005	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		03/28/2005	04/01/2005	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		03/28/2005	04/01/2005	Baseline Inspections
	MAINT - BIENNIAL MAINTENANCE RULE INSPECTION		1			
1,2	IP 7111112B	Maintenance Effectiveness		05/02/2005	05/06/2005	Baseline Inspections
	INSPECT - RETS LIQUID AND GASEOUS EFFLUENTS		1			
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/06/2005	06/10/2005	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/06/2005	06/10/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/06/2005	06/10/2005	Baseline Inspections
	SSDPC - LASALLE SSDPC, MOD, 50.59 INSPECTION		6			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/27/2005	07/15/2005	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		06/27/2005	07/15/2005	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		06/27/2005	07/15/2005	Baseline Inspections
	FPI - TRIENNIAL FIRE PROTECTION INSPECTION		3			
1,2	IP 7111105T	Fire Protection		08/15/2005	09/02/2005	Baseline Inspections
	INSPECT - RADWASTE AND TRANSPORTATION		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/12/2005	09/16/2005	Baseline Inspections
1,2	IP 7112202	Radioactive Material Processing and Transportation		09/12/2005	09/16/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/12/2005	09/16/2005	Baseline Inspections
	PI&R - BIENNIAL PI&R		1			
1,2	IP 71152B	Identification and Resolution of Problems		10/10/2005	10/28/2005	Baseline Inspections
	71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION		2			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/24/2005	10/28/2005	Baseline Inspections
	BI - OUTAGE ACCESS CONTROL AND ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/20/2006	02/24/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/20/2006	02/24/2006	Baseline Inspections
	ISI - LASALLE UNIT 1 ISI INSPECTIN		1			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/27/2006	03/03/2006	Baseline Inspections
	BI - REMP		1			
1,2	IP 7112203	Radiological Environmental Monitoring Program		06/05/2006	06/09/2006	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
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End	Inspection Type
	HS	- HEAT SINK INSPECTION	2		
1,2	IP 7111107B	Heat Sink Performance		08/28/2006 09/01/2006	Baseline Inspections
	BI	- RAD INSTRUMENTATION	1		
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/18/2006 09/22/2006	Baseline Inspections

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