

August 30, 2004

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

Dear Mr. Crane:

On August 11, 2004, the NRC staff completed its mid-cycle plant performance assessment of LaSalle County Station. The mid-cycle review for LaSalle County Station involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2004 assessment cycle. The process included a review of 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 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.

Plant performance for the most recent quarter 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 March 31, 2006.

During this assessment period, the staff identified a substantive cross-cutting issue in the area of human performance. This human performance cross-cutting issue was identified by assessing plant performance utilizing Inspection Procedures (IP) 71152 to review problem identification and resolution (PI&R) issues during routine baseline inspections and during the biennial PI&R inspection.

Over the course of the assessment period, the inspectors identified twelve GREEN findings/violations where human performance was not adequate. Six of these were in the reactor safety strategic performance area (SPA) (two initiating events and four mitigating

systems cornerstones), four were in the radiation safety SPA (all in the occupational radiation safety cornerstone) and two more were unresolved issues in the radiation safety SPA (occupational radiation safety cornerstone). Specifically, the findings/violations were attributed to inadequate human performance in manipulation of plant equipment outside of the normal work control processes and without permission from the control room (three), failing to comply with procedural requirements (three), failure to comply with contaminated and high radiation area posting requirements (four), and failure to post radiation or high radiation signs on scaffolding platforms (two). In addition to the twelve findings, another eighteen additional minor issues were identified with human performance as the primary or contributing cause. All of these issues were in the reactor safety SPA (five in the initiating events, nine in the mitigating systems, and four more in the barrier integrity cornerstones).

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 human performance errors discussed above 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.

We plan to conduct reactor oversight process baseline inspections at your facility through March 31, 2005. In addition, we plan to perform a focused inspection using IP 71152, "Identification and Resolution of Problems." This inspection will select human performance issues for a more in-depth review. This includes use of the inspection guidance contained in IP 95001, "Inspection For One Or Two White Inputs In A Strategic Performance Area," as an aid in assessing the adequacy of your root cause analyses of human performance issues at your facility through February 28, 2005.

The enclosed inspection plan details the inspections scheduled through March 31, 2006. The inspection plan was 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 12 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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).

C. Crane

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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
Branch 2
Division of Reactor Projects

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

Enclosure: LaSalle County Station 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
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Manager Licensing - Clinton and LaSalle
Senior Counsel, Nuclear, Mid-West Regional
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Document Control Desk - Licensing
Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
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Senior Counsel, Nuclear, Mid-West Regional
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Document Control Desk - Licensing
Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
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LaSalle
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	HT SNK B - HEAT SINK BIENNIAL (DRS)		1			
1, 2	IP 7111107B	Heat Sink Performance		12/06/2004	12/10/2004	Baseline Inspections
	ACCESS - ACCESS CONTROL/ALARA		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		12/13/2004	12/17/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		12/13/2004	12/17/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		12/13/2004	12/17/2004	Baseline Inspections
	FY 2005 - LASALLE INIT PREP 02/2005		2			
1	W90114	OL - INITIAL EXAM - LASALLE - JAN/FEB 2005		02/07/2005	02/11/2005	Not Applicable
	ISI - UNIT 2 ISI INSPECTION		1			
2	IP 7111108G	Inservice Inspection Activities - BWR		02/14/2005	02/18/2005	Baseline Inspections
	INSPECT - ACCESS CONTROL AND ALARA		1			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		02/14/2005	02/18/2005	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		02/14/2005	02/18/2005	Baseline Inspections
	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		05/16/2005	05/20/2005	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

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

LaSalle

Inspection / Activity Plan

09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	INSPECT	- RADWASTE AND TRANSPORTATION	1			
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
	ISI	- LASALLE UNIT 1 ISI INSPECTION	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/21/2006	03/08/2006	Baseline Inspections