

August 30, 2005

Mr. Christopher M. Crane
President and CNO
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
LIMERICK GENERATING STATION

Dear Mr. Crane:

On August 4, 2005, the NRC staff completed its performance review of Limerick Generating Station Units 1 and 2 for the first half of the calendar year 2005 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve 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 at Limerick Units 1 and 2 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 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, 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 nine months of the inspection plan are tentative and may be revised during 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 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).

Mr. Christopher M. 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 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mohamed Shanbaky, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos. 50-352; 50-353
License Nos. NPF-39, NPF-85

Enclosure: Limerick Inspection/Activity Plan

cc w/encl

Chief Operating Officer, Exelon Generation Company, LLC
Site Vice President - Limerick Generating Station
Plant Manager, Limerick Generating Station
Regulatory Assurance Manager - Limerick
Senior Vice President - Nuclear Services
Vice President - Mid-Atlantic Operations
Vice President - Operations Support
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Director - Licensing and Regulatory Affairs, Exelon Generation Company, LLC
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Vice President, General Counsel and Secretary
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SISP Review Complete: ALB (Reviewer's Initials)

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NAME	SHansell/ALB for MShanbaky			
DATE	08/24/05		08/30/05	

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Limerick
Inspection / Activity Plan
08/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71114	- EP PROGRAM INSPECTION	1			
1,2	IP 7111402	Alert and Notification System Testing		08/01/2005	08/05/2005	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		08/01/2005	08/05/2005	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/01/2005	08/05/2005	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/01/2005	08/05/2005	Baseline Inspections
	711111B	- LO REQUAL PROG. INSP. & PASS/FAIL RESULTS	3			
1,2	IP 711111B	Licensed Operator Requalification Program		10/10/2005	10/14/2005	Baseline Inspections
1,2	IP 711111B	Licensed Operator Requalification Program		10/17/2005	10/21/2005	Baseline Inspections
	7111121	- SSDI	6			
1,2	IP 7111121	Safety System Design and Performance Capability		10/17/2005	10/21/2005	Baseline Inspections
1,2	IP 7111121	Safety System Design and Performance Capability		10/31/2005	11/04/2005	Baseline Inspections
	7111401	- EXERCISE EVALUATION & EP PI VERIFICATION	5			
1,2	IP 7111401	Exercise Evaluation		11/14/2005	11/18/2005	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/14/2005	11/18/2005	Baseline Inspections
	7112201	- PUB RAD SAFETY - RETS	1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/14/2005	11/18/2005	Baseline Inspections
	7112101	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/03/2006	01/06/2006	Baseline Inspections
	7111108G	- INSERVICE INSPECTION - UNIT 1	1			
1	IP 7111108G	Inservice Inspection Activities - BWR		03/06/2006	03/10/2006	Baseline Inspections
	7112102	- OCC RAD SAFETY - ALARA	1			
1	IP 7112102	ALARA Planning and Controls		03/13/2006	03/17/2006	Baseline Inspections
	71152B	- PI&R	4			
1,2	IP 71152B	Identification and Resolution of Problems		06/05/2006	06/09/2006	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		06/19/2006	06/23/2006	Baseline Inspections
	7112202	- PUB RAD SAFETY - RADWASTE	1			
1,2	IP 7112202	Radioactive Material Processing and Transportation		07/10/2006	07/14/2006	Baseline Inspections
	71151	- EP PI VERIFICATION	1			
1,2	IP 71151	Performance Indicator Verification		08/07/2006	08/11/2006	Baseline Inspections
	7111107B	- HEAT SINK	2			
1,2	IP 7111107B	Heat Sink Performance		08/21/2006	08/25/2006	Baseline Inspections
	7111112B	- MAINTENANCE RULE	1			
1,2	IP 7111112B	Maintenance Effectiveness		09/18/2006	09/22/2006	Baseline Inspections
	10/23EXM	- OPERATOR LICENSE INITIAL EXAMS	3			
1	U01601	LIMERICK UNIT 1 & 2 INITIAL EXAM (10/07)		09/25/2006	09/29/2006	Not Applicable

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

Limerick
Inspection / Activity Plan
08/01/2005 - 03/31/2007

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	10/23EXM	- OPERATOR LICENSE INITIAL EXAMS	3			
1	U01601	LIMERICK UNIT 1 & 2 INITIAL EXAM (10/07)		10/23/2006	11/03/2006	Not Applicable
	MODS	- MODS AND 50.59	3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/23/2006	10/27/2006	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		10/23/2006	10/27/2006	Baseline Inspections
	7112103	- OCC RAD SAFETY - INSTRUMENTS	1			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		11/27/2006	12/01/2006	Baseline Inspections
	7112101	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/08/2007	01/12/2007	Baseline Inspections
	7111108G	- INSERVICE INSPECTION	1			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/12/2007	03/16/2007	Baseline Inspections
	7112102	- OCC RAD SAFETY	1			
1,2	IP 7112102	ALARA Planning and Controls		03/26/2007	03/30/2007	Baseline Inspections