



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

September 1, 2009

Mr. Charles G. Pardee
Senior Vice President, Exelon Generation Company, LLC
President and Chief Nuclear Officer, Exelon Nuclear
4300 Winfield Rd
Warrenville, IL 60555

SUBJECT: MID-CYCLE ASSESSMENT LETTER - LIMERICK GENERATING STATION

Dear Mr. Pardee:

On August 13, 2009, the NRC staff completed its performance review of Limerick Generating Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2008 through June 30, 2009. 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, 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 (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through December 31, 2010. 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 at the end-of-cycle review.

In accordance with 10 CFR Part 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).

As you may know, the NRC is currently evaluating the scope and frequency of all the baseline inspection procedures as part of our biennial review of the ROP. 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 (610) 337-5120 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Paul G. Krohn, Chief
Division of Reactor Projects
Projects Branch 4

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

Enclosure: Limerick Inspection/ Activity Plan

cc w/encl:

C. Crane, President and Chief Operating Officer, Exelon Corporation
M. Pacilio, Chief Operating Officer, Exelon Nuclear
C. Mudrick, Site Vice President, Limerick Generating Station
E. Callan, Plant Manager, Limerick Generating Station
R. Kreider, Regulatory Assurance Manager, Limerick
J. Grimes, Acting Senior Vice President, Mid-Atlantic Operations
K. Jury, Vice President, Licensing & Regulatory Affairs
P. Cowan, Director, Licensing
D. Helker, Licensing
B. Fewell, Associate General Counsel, Exelon
Correspondence Control Desk
D. Allard, Director, PA Dept of Environmental Protection
J. Johnsrud, National Energy Committee, Sierra Club
Chairman, Board of Supervisors of Limerick Township

Limerick
Inspection / Activity Plan
07/01/2009 - 12/31/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			7112103 - RMS & SCBA		1
1	08/03/2009	08/07/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
			7112103 - OCC RAD SAFETY - INSTRUMENTS		1
1,2	08/03/2009	08/07/2009	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment	
			71122.01 - PUB RAD SAFETY - RETS & ANNUAL ISFSI		1
1,2	08/17/2009	08/21/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
1,2	08/17/2009	08/21/2009	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	
			7111121 - CDBI		8
1,2	10/19/2009	10/23/2009	IP 7111121	Component Design Bases Inspection	
1,2	10/26/2009	10/30/2009	IP 7111121	Component Design Bases Inspection	
			EP EXER - EP EXERCISE INSPECTION		4
1,2	11/16/2009	11/20/2009	IP 7111401	Exercise Evaluation	
1,2	11/16/2009	11/20/2009	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	11/16/2009	11/20/2009	IP 71151-EP01	Drill/Exercise Performance	
1,2	11/16/2009	11/20/2009	IP 71151-EP02	ERO Drill Participation	
1,2	11/16/2009	11/20/2009	IP 71151-EP03	Alert & Notification System	
			TI-178 - SURVEILLANCE FREQUENCY CONTROL PROGRAM		2
1,2	11/30/2009	12/04/2009	IP 2515/178	Risk Management Technical Specifications Initiative 5b Surveillance Frequency Control Program	
			71121 - OCC RAD SAFETY		1
1,2	01/04/2010	01/08/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1,2	01/04/2010	01/08/2010	IP 7112102-7112102R	ALARA - Required	
			6/07EXAM - LSRO INITIAL OPERATOR LICENSING EXAM		3
1	06/07/2010	06/18/2010	U01796	FY-10 LIMERICK EXAM FOR LIMERICK GENERATING STATION 6/7/2010	
			7111108G - U1 INSERVICE INSPECTION		1
1	03/29/2010	04/02/2010	IP 7111108G	Inservice Inspection Activities - BWR	
			71121 - OCC RAD SAFETY		1
1	04/05/2010	04/09/2010	IP 7112101	Access Control to Radiologically Significant Areas	
1	04/05/2010	04/09/2010	IP 7112102-7112102R	ALARA - Required	
			TRI FIRE - TRIENNIAL FIRE PROTECTION INSPECTION		3
1,2	05/10/2010	05/14/2010	IP 7111105T	Fire Protection [Triennial]	
1,2	05/24/2010	05/28/2010	IP 7111105T	Fire Protection [Triennial]	
			10/4EXAM - OPERATOR LICENSING INITIAL EXAMS		4
1	09/06/2010	09/10/2010	U01767	FY11 - LIMERICK UNITS 1&2 INITIAL OPERATOR LICENSING EXAM	
1	10/04/2010	10/15/2010	U01767	FY11 - LIMERICK UNITS 1&2 INITIAL OPERATOR LICENSING EXAM	

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

Limerick
Inspection / Activity Plan
07/01/2009 - 12/31/2010

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			7112202 - PUB RAD SAFETY - RADWASTE		1
1,2	06/07/2010	06/11/2010	IP 7112202	Radioactive Material Processing and Transportation	
			7111111B - REQUAL INSP WITH P/F RESULTS		3
1,2	11/15/2010	11/19/2010	IP 7111111B	Licensed Operator Requalification Program	
			71152B - PI&R		5
1,2	11/01/2010	11/05/2010	IP 71152B	Identification and Resolution of Problems	
1,2	11/15/2010	11/19/2010	IP 71152B	Identification and Resolution of Problems	
			EP PROGR - EP PROGRAM INSPECTION		1
1,2	12/06/2010	12/10/2010	IP 7111402	Alert and Notification System Testing	
1,2	12/06/2010	12/10/2010	IP 7111403	Emergency Response Organization Augmentation Testing	
1,2	12/06/2010	12/10/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	12/06/2010	12/10/2010	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1,2	12/06/2010	12/10/2010	IP 71151	Performance Indicator Verification	

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