



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 2, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer (CNO) and Senior Vice President
Exelon Generation Company, LLC
Chief Nuclear Officer (CNO)
AmerGen Energy Company, LLC
200 Exelon Way
Kennett Square, PA 19348

SUBJECT: MID-CYCLE ASSESSMENT LETTER - LIMERICK GENERATING STATION

Dear Mr. Pardee:

On August 7, 2008, 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, 2007 through June 30, 2008. 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.

Overall, Limerick Generating 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 (ROP) baseline inspections at your facility. We also plan to conduct Independent Spent Fuel Storage Installation inspections.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2009. The inspection plan also details inspections of your Independent Spent Fuel Storage Installation. 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 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/readingrm/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 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, Executive Vice President and Chief Operating Officer, Exelon Generation
M. Pacilio, Chief Operating Officer, Exelon Generation Company, LLC
C. Mudrick, Site Vice President, Limerick Generating Station
E. Callan, Plant Manager, Limerick Generating Station
R. Kreider, Regulatory Assurance Manager, Limerick
R. DeGregorio, 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
J. Powers, Director, PA Office of Homeland Security
R. French, Dir, PA Emergency Management Agency

Limerick
Inspection / Activity Plan
08/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	ISFSI	- ISFSI INSPECTIONS	1			
1,2	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants		01/28/2008	10/31/2008	Other Routine
1,2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		01/28/2008	10/31/2008	Other Routine
	7111111B	- LSRO REQUAL INSPECTION	3			
1,2	IP 7111111B	Licensed Operator Requalification Program		08/03/2008	08/08/2008	Baseline Inspections
	10/20EXM	- INITIAL OPERATOR LICENSING EXAMS	5			
1	U01745	FY09 - LIMERICK INITIAL OPERATOR LICENSING EXAM		09/15/2008	09/19/2008	Not Applicable
1	U01745	FY09 - LIMERICK INITIAL OPERATOR LICENSING EXAM		10/20/2008	10/31/2008	Not Applicable
	71152B	- PI&R	4			
1,2	IP 71152B	Identification and Resolution of Problems		08/25/2008	08/29/2008	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		09/08/2008	09/12/2008	Baseline Inspections
	TI 171	- TI 171	3			
1,2	IP 2515/171	Verification of Site Specific Implementation Of B.5.b Phase 2 & 3 Mitigating Strategies		08/18/2008	08/22/2008	Generic Safety Inspecti
	EP	- EP PROGRAM INSPECTION	1			
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/25/2008	08/29/2008	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		08/25/2008	08/29/2008	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		08/25/2008	08/29/2008	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		08/25/2008	08/29/2008	Baseline Inspections
	7111111	- BIENNIEL REQUAL INSPECT WITH P/F RESULTS	3			
1,2	IP 7111111B	Licensed Operator Requalification Program		11/17/2008	11/21/2008	Baseline Inspections
	7111107T	- HEAT SINK INSP	1			
1,2	IP 7111107T	Heat Sink Performance		09/29/2008	10/03/2008	Baseline Inspections
	TI 176	- TI 176	2			
1,2	IP 2515/176	Emergency Diesel Generator Tech Spec Surveillance Requirements Re: Endurance & Margin		10/20/2008	10/24/2008	Generic Safety Inspecti
	MODS	- PERMANENT PLANT MODIFICATIONS	4			
1,2	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		11/03/2008	11/07/2008	Baseline Inspections
1,2	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications		11/17/2008	11/21/2008	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		01/05/2009	01/09/2009	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		01/05/2009	01/09/2009	Baseline Inspections
	71122.03	- PUB RAD SAFETY - REMP	1			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program		03/09/2009	03/13/2009	Baseline Inspections
	7111108G	- U2 INSERVICE INSPECTION	1			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/30/2009	04/03/2009	Baseline Inspections

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

Limerick
Inspection / Activity Plan
08/01/2008 - 12/31/2009

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71121	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/13/2009	04/17/2009	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/13/2009	04/17/2009	Baseline Inspections
	ISFSI	- ANNUAL SAMPLE - ISFSI INSPECTION	1			
1	IP 60855	Operation Of An ISFSI		07/01/2009	09/30/2009	Other Routine
	7112103	- OCC RAD SAFETY - INSTRUMENTS	1			
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/03/2009	08/07/2009	Baseline Inspections
	7111111B	- BIENNIAL REQUAL INSP WITH P/F RESULTS	3			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/26/2009	10/30/2009	Baseline Inspections
	71122.01	- PUB RAD SAFETY - RETS	1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/17/2009	08/21/2009	Baseline Inspections
	7111121	- CDBI	6			
1,2	IP 7111121	Component Design Bases Inspection		10/05/2009	10/09/2009	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		10/19/2009	10/23/2009	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		10/26/2009	10/30/2009	Baseline Inspections
	EP EXER	- EP EXERCISE INSPECTION	2			
1,2	IP 7111401	Exercise Evaluation		11/15/2009	11/21/2009	EP Baseline Inspection
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		11/15/2009	11/21/2009	EP Baseline Inspection
1,2	IP 71151-EP01	Drill/Exercise Performance		11/15/2009	11/21/2009	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		11/15/2009	11/21/2009	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		11/15/2009	11/21/2009	Baseline Inspections