

March 2, 2004

Mr. Christopher M. Crane  
President and CNO  
Exelon Nuclear  
Exelon Generation Company, LLC  
200 Exelon Way KSA 3-E  
Kennett Square, PA 19348

SUBJECT: ANNUAL ASSESSMENT LETTER - LIMERICK GENERATING STATION  
(REPORT 05000352/2004001 AND 05000353/2004001)

Dear Mr. Crane:

On February 10, 2004, the NRC staff completed its end-of-cycle plant performance assessment of the Limerick Generating Station. The review involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2003. 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.

Overall, Limerick 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, 2005.

The enclosed inspection plan details the inspections scheduled through September 30, 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of order implementation combined with newly developed portions of the security baseline inspection program.

Mr. Christopher M. Crane

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

Sincerely,

*/RA/*

Mohamed Shanbaky, Chief  
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  
Vice President - Licensing and Regulatory Affairs  
Director - Licensing, Exelon Generation Company, LLC  
Manager, Licensing - Limerick and Peach Bottom  
Vice President, General Counsel and Secretary  
Correspondence Control Desk  
J. Johnsrud, National Energy Committee  
Chief, Division of Nuclear Safety, Pennsylvania Department of  
Environmental Resources  
Chairman, Board of Supervisors of Limerick Township  
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Commonwealth of Pennsylvania (c/o R. Janati, Chief, Division of Nuclear Safety,  
Pennsylvania Bureau of Radiation Protection)

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<b>NAME</b>	<b>DFlorek/DF</b>	<b>MShanbaky/MS</b>					
<b>DATE</b>	<b>02/26/04</b>	<b>02/27/04</b>	<b>03/ /04</b>	<b>03/ /04</b>	<b>03/ /04</b>	<b>03/ /04</b>	

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**Limerick**  
**Inspection / Activity Plan**  
**01/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>7112101 - OCC RAD SAFETY - ACCESS</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		01/12/2004	01/16/2004	Baseline Inspections
	<b>7112203 - PUB RAD SAFETY - REMP</b>		<b>1</b>			
1, 2	IP 7112203	Radiological Environmental Monitoring Program		02/09/2004	02/13/2004	Baseline Inspections
	<b>7111108G - INSERVICE INSPECTION - UNIT 1</b>		<b>2</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		03/08/2004	03/12/2004	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		03/15/2004	03/19/2004	Baseline Inspections
	<b>7111111B - LO REQUALIFICATION PROGRAM LSRO</b>		<b>1</b>			
1, 2	IP 7111111B	Licensed Operator Requalification Program		05/16/2004	05/21/2004	Baseline Inspections
	<b>71152B - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>4</b>			
1, 2	IP 71152B	Identification and Resolution of Problems		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 71152B	Identification and Resolution of Problems		06/21/2004	06/25/2004	Baseline Inspections
	<b>7112103 - OCC RAD SAFETY - INSTRUMENTATION</b>		<b>1</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		06/07/2004	06/11/2004	Baseline Inspections
	<b>71130 - SECURITY</b>		<b>3</b>			
1, 2	IP 7113001	Access Authorization		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 7113002	Access Control		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 7113008	Fitness For Duty Program		06/07/2004	06/11/2004	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	Baseline Inspections
	<b>71151 - EP PI VERIFICATION</b>		<b>1</b>			
1, 2	IP 71151	Performance Indicator Verification		08/02/2004	08/06/2004	Baseline Inspections
	<b>71111.05 - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>3</b>			
1, 2	IP 7111105T	Fire Protection		10/04/2004	10/08/2004	Baseline Inspections
1, 2	IP 7111105T	Fire Protection		10/18/2004	10/22/2004	Baseline Inspections
	<b>7111112B - MAINTENANCE RULE</b>		<b>1</b>			
1, 2	IP 7111112B	Maintenance Effectiveness		09/13/2004	09/17/2004	Baseline Inspections
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		10/18/2004	10/22/2004	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		10/25/2004	10/29/2004	Baseline Inspections
	<b>1/10+EXM - OPERATOR LICENSING INITIAL EXAMS</b>		<b>3</b>			
1	U01533	LIMERICK INITIAL EXAM (8/1/05)		12/06/2004	12/10/2004	Not Applicable
1	U01533	LIMERICK INITIAL EXAM (8/1/05)		01/10/2005	01/21/2005	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**  
**01/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>711117B - MODS &amp; 50.59</b>		<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/15/2004	11/19/2004	Baseline Inspections
1, 2	IP 711117B	Permanent Plant Modifications		11/15/2004	11/19/2004	Baseline Inspections
	<b>7112101 - OCC RAD SAFETY - ACCESS</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		01/10/2005	01/14/2005	Baseline Inspections
	<b>7111108G - INSERVICE INSPECTION - U2</b>		<b>1</b>			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/07/2005	03/11/2005	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
2	IP 7112102	ALARA Planning and Controls		03/14/2005	03/18/2005	Baseline Inspections
	<b>6/6 EXM - LM/PB (LSRO) L.O. INITIAL EXAM</b>		<b>2</b>			
1	U01541	LIMERICK/PEACH BOTTOM LSRO INITIAL EXAM (6/5 -10/05)		05/16/2005	05/20/2005	Not Applicable
1	U01541	LIMERICK/PEACH BOTTOM LSRO INITIAL EXAM (6/5 -10/05)		06/13/2005	06/24/2005	Not Applicable
	<b>7111107B - HEAT SINK</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		06/27/2005	07/01/2005	Baseline Inspections
	<b>7112102 - OCC RAD SAFETY - ALARA</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		06/27/2005	07/01/2005	Baseline Inspections
	<b>71114 - EP PROGRAM INSPECTION</b>		<b>1</b>			
1, 2	IP 7111402	Alert and Notification System Testing		07/18/2005	07/22/2005	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/18/2005	07/22/2005	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/18/2005	07/22/2005	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/18/2005	07/22/2005	Baseline Inspections
	<b>711111B - LO REQUAL PROGRAM INSPECTION</b>		<b>2</b>			
1, 2	IP 711111B	Licensed Operator Requalification Program		08/21/2005	08/26/2005	Baseline Inspections