

August 26, 2002

Mr. John Skolds  
President and CNO  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
5th Floor  
Warrenville, IL 60555

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

Dear Mr. Skolds:

On August 7, 2002, the NRC staff completed its mid-cycle plant performance assessment of Limerick Generating Station. In accordance with NRC Inspection Manual Chapter 0305 "Operating Reactor Assessment Program," the mid-cycle review involved the participation of all technical divisions in evaluating the performance of your Limerick Generating Station facility for the first half of the current assessment cycle, January 1 - December 31, 2002. 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 which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix based on two inspection findings of low to moderate safety significance (White), one in the Emergency Preparedness cornerstone which affected both Units and the second in the Barrier Integrity cornerstone which affected only Unit 2. The inspection finding in the Emergency Preparedness cornerstone involved an inadequate critique of an emergency preparedness drill. The significance of this finding was finalized in our letter dated November 19, 2001. To address this finding, the attached inspection plan contains a supplemental inspection using supplemental inspection procedure 95001. This inspection will be performed to provide assurance that the root and contributing causes of risk-significant performance issues were understood, the extent of condition was identified, and the corrective actions were sufficient to prevent recurrence. The inspection finding in the Barrier Integrity cornerstone involved inadequate measures to identify a degraded Unit 2 safety/relief valve. The significance of this finding was finalized in our letter dated January 11, 2002. On June 20, 2002, we satisfactorily completed a supplemental inspection of this finding using supplemental inspection procedure 95001. The supplemental inspection determined that Exelon's actions relative to root cause determination, extent of condition, and corrective action were appropriate.

The enclosed inspection plan details the inspections scheduled through September 30, 2003. 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 last six months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In addition, the NRC is in the process of finalizing a Temporary Instruction (TI) that will be used to review implementation of the Interim Compensatory Measures required by the Agency's Security Order to all commercial nuclear power plants dated February 25, 2002. Schedules have not yet been finalized, but it is anticipated that these inspections will begin within the next calendar quarter. Once finalized, the details will be communicated by separate correspondence.

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).

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 Dr. Mohamed Shanbaky, Chief, Projects Branch 4 at 610-337-5209 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

A. Randolph Blough, Director  
Division of Reactor Projects

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

Enclosure: Limerick Generating Station Inspection/ Activity Plan

cc w/encl: Senior Vice President, Mid-Atlantic Regional Operating Group  
President and CNO, Exelon Nuclear  
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Vice President - Mid-Atlantic Operations Support  
Chairman, Nuclear Safety Review Board  
Director - Licensing, Mid-Atlantic Regional Operating Group  
Vice President - Licensing and Regulatory Affairs  
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DATE	08/21/02		08/21/02		08/21 /02		08/26/02	

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**Limerick**  
**Inspection / Activity Plan**  
**06/30/2002 - 09/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71130</b>	<b>- SECURITY-RESPONSE ATT3</b>	<b>2</b>			
1, 2	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategie		07/15/2002	07/19/2002	Baseline Inspections
	<b>7112102</b>	<b>- OCC RAD SAFETY - ALARA</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		07/22/2002	07/26/2002	Baseline Inspections
	<b>711117B</b>	<b>- MODS &amp; 50.59</b>	<b>3</b>			
1, 2	IP 7111102	Evaluation of Changes, Tests, or Experiments		08/19/2002	08/23/2002	Baseline Inspections
	<b>95001</b>	<b>- 95001 LIMERICK CRITIQUE FOLLOW UP</b>	<b>1</b>			
1, 2	IP 95001	Supplemental Inspection For One Or Two White Inputs In A Strategic Performance Area		08/26/2002	08/30/2002	Supplemental Program
	<b>10/7 EXM</b>	<b>- OPERATOR LICENSING INITIAL EXAMS</b>	<b>3</b>			
1	U01437	LIMERICK 1&2 O/L INITIAL EXAM 3/25-4/5/2002		09/09/2002	09/13/2002	Not Applicable
1	U01437	LIMERICK 1&2 O/L INITIAL EXAM 3/25-4/5/2002		10/07/2002	10/11/2002	Not Applicable
	<b>7112201</b>	<b>- PUB RAD SAFETY - RETS</b>	<b>1</b>			
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/16/2002	09/20/2002	Baseline Inspections
	<b>711112B</b>	<b>- MAINTENANCE RULE</b>	<b>1</b>			
1, 2	IP 711112B	Maintenance Effectiveness		09/23/2002	09/27/2002	Baseline Inspections
	<b>7112102</b>	<b>- OCC RAD SAFETY - ALARA</b>	<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		01/21/2003	01/23/2003	Baseline Inspections
	<b>7111108</b>	<b>- INSERVICE INSPECTION</b>	<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		03/10/2003	03/14/2003	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		03/10/2003	03/14/2003	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		03/10/2003	03/14/2003	Baseline Inspections
	<b>71121.01</b>	<b>- OCC RAD SAFETY - ACCESS</b>	<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		05/12/2003	05/16/2003	Baseline Inspections
	<b>7111107B</b>	<b>- HEAT SINK</b>	<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		07/07/2003	07/11/2003	Baseline Inspections
	<b>71114</b>	<b>- EP PROGRAM INSP &amp; PI VERIFICATION</b>	<b>1</b>			
1, 2	IP 7111402	Alert and Notification System Testing		07/13/2003	07/17/2003	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/13/2003	07/17/2003	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/13/2003	07/17/2003	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/13/2003	07/17/2003	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/13/2003	07/17/2003	Baseline Inspections
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		08/04/2003	08/08/2003	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		08/04/2003	08/08/2003	Baseline Inspections

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