

August 30, 2004

Mr. Christopher M. Crane
President and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -
CLINTON POWER STATION

Dear Mr. Crane:

On August 11, 2004, the NRC staff completed its mid-cycle plant performance assessment of the Clinton Power Station. The mid-cycle review for the Clinton Power Station involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2004 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 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 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.

Plant performance 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 only reactor oversight process (ROP) baseline inspections at your facility through March 31, 2006.

The enclosed inspection plan details the inspections scheduled through March 31, 2006. The following infrequently performed inspections are planned: Modification inspection in November 2004, Triennial Fire Protection inspection in May 2005, Emergency Preparedness Exercise evaluation in October 2005, and Safety System Design and Performance Capability inspection in November 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 12 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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/reading-rm/adams.html> (the Public Electronic Reading Room).

C. 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 (630) 829-9729 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Ann Marie Stone, Chief
Branch 3
Division of Reactor Projects

Docket No. 50-461
License No. NPF-62

Enclosure: Clinton Power Station Inspection/ Activity Plan

cc w/encl: Site Vice President - Clinton Power Station
 Plant Manager - Clinton Power Station
 Regulatory Assurance Manager - Clinton Power Station
 Chief Operating Officer
 Senior Vice President - Nuclear Services
 Vice President - Operations Support
 Vice President - Licensing and Regulatory Affairs
 Manager Licensing - Clinton Power Station
 Senior Counsel, Nuclear, Mid-West Regional Operating Group
 Document Control Desk - Licensing

C. Crane

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Plant Manager - Clinton Power Station
Regulatory Assurance Manager - Clinton Power Station
Chief Operating Officer
Senior Vice President - Nuclear Services
Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Manager Licensing - Clinton Power Station
Senior Counsel, Nuclear, Mid-West Regional Operating Group
Document Control Desk - Licensing

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Clinton
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	MOD/5059 - MODIFICATIONS & 50.59		3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		11/01/2004	11/05/2004	Baseline Inspections
	IP 71122 - RP LIQ/GAS EFFLUENTS INSPECTION		1			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		11/01/2004	11/05/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/01/2004	11/05/2004	Baseline Inspections
	IP 71121 - RP ACCESS CTRL/ALARA INSPECTION		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		01/24/2005	01/28/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		01/24/2005	01/28/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		01/24/2005	01/28/2005	Baseline Inspections
	IP 71122 - RP REMP/RAM CONTROL INSPECTION		1			
1	IP 7112203	Radiological Environmental Monitoring Program		03/07/2005	03/11/2005	Baseline Inspections
	FPI - TRIENNIAL FIRE PROTECTION INSPECTION		3			
1	IP 7111105T	Fire Protection		05/02/2005	05/20/2005	Baseline Inspections
	IP 71121 - RP INSTRUMENTATION/PROT EQUIP INSP		1			
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/16/2005	05/20/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		05/16/2005	05/20/2005	Baseline Inspections
	FY 2005 - CLINTON INIT PREP 06/2005		3			
1	W90123	OL - INITIAL EXAM - CLINTON - JUN/JUL 2005		06/20/2005	06/24/2005	Not Applicable
	FY 2005 - CLINTON INIT EXAM 07/2005		3			
1	W90123	OL - INITIAL EXAM - CLINTON - JUN/JUL 2005		07/11/2005	07/22/2005	Not Applicable
	71114 - EP EXERCISE & EP PI INSP		2			
1	IP 7111401	Exercise Evaluation		10/03/2005	10/07/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		10/03/2005	10/07/2005	Baseline Inspections
	71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION		2			
1	IP 7111111B	Licensed Operator Requalification Program		10/24/2005	10/28/2005	Baseline Inspections
	SSDPC - SAFETY SYSTEM DESIGN & PERFORMANCE		5			
1	IP 7111121	Safety System Design and Performance Capability		11/14/2005	12/02/2005	Baseline Inspections
	IP 71121 - RP ACCESS CTRL/ALARA INSPECTION		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/28/2005	12/02/2005	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/28/2005	12/02/2005	Baseline Inspections
1	IP 71151	Performance Indicator Verification		11/28/2005	12/02/2005	Baseline Inspections
	ISI - CLINTON ISI INSPECTION		2			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/01/2006	02/28/2006	Baseline Inspections
	ISI - CLINTON ISI INSPECTION		1			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/01/2006	02/28/2006	Baseline Inspections

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

Clinton
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	IP 71121	- RP OUTAGE ACCESS CTRL & ALARA INSP	1			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/06/2006	02/10/2006	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/06/2006	02/10/2006	Baseline Inspections
	HTSINK	- HEAT SINK BIENNIAL	1			
1	IP 7111107B	Heat Sink Performance		02/27/2006	03/03/2006	Baseline Inspections
	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4			
1	IP 71152B	Identification and Resolution of Problems		03/13/2006	03/31/2006	Baseline Inspections

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