

March 4, 2004

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

SUBJECT: ANNUAL ASSESSMENT LETTER - CLINTON POWER STATION
(REPORT 05-461/04-01)

Dear Mr. Crane:

On February 11, 2004, the NRC staff completed its end-of-cycle plant performance assessment of the Clinton Power Station. The end-of-cycle review for the Clinton Power Station 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, the Clinton Power Station 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.

Additionally, on May 6, 2003, the staff issued a severity level III Notice of Violation with no civil penalty in accordance with the NRC's Enforcement Policy. The Notice was issued for the failure to provide complete and accurate information regarding two individuals' medical certification. The individuals did not meet minimum standards and required an amendment to their individual licenses to include restrictions for "no solo" operation.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. The following infrequently performed inspections are planned: Problem Identification and Resolution inspection and a Modifications and 50.59 inspection. 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 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.

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).

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 (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

See Attached Distribution

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Enclosure: Clinton Power Station Inspection/Activity Plan

See Attached Distribution

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OFFICE	RIII	RIII						
NAME	AStone for TTongue:co	AStone						
DATE	02/27/04	02/27/04						

OFFICIAL RECORD COPY

cc w/encl: Site Vice President - Clinton Power Station
Senior Vice President - Mid-West Regional Operating Group
Senior Vice President - Nuclear Services
Vice President -Mid-West Operations Support
Clinton Power Station Plant Manager
Director Licensing - Midwest Regional Operating Group
Vice President - Licensing And Regulatory Affairs
Senior Counsel, Nuclear, Mid-West Regional Operating Group
Regulatory Assurance Manager - Clinton
Chief Operating Officer
Manager Licensing - Clinton
Document Control Desk-Licensing
Illinois Department of Nuclear Safety
M. Reidy, Clinton Police Chief
The Honorable Roger Cyrulik
The Honorable Steve Followell
D. Harris, DeWitt County
Board Chairman
R. Massey, DeWitt County Sheriff
F. Zacher, DeWitt County Emergency
Preparedness Coordinator
The Honorable Thomas Brame
M. Sweeney, McLean County Board Chairman
D. Owens, McLean County Sheriff
J. Wahls, Director, McLean County
Emergency Services and Disaster Agency
R. Scheffer, Piatt County Board Chairman
R. Manint, Piatt County Sheriff
C. Morris, Director, Piatt County ESDA
R. Owen, Macon County Board Chairman
R. Walker, Macon County Sheriff
P. Anello, Director, Macon County ESDA
INPO

ADAMS Distribution:

DFT

DWW

Project Director, NRR

Project Mgr., NRR

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JLC1

GEG

HBC

RML2

SRI Clinton

DRSIII

DRPIII

PLB1

JRK1

Clinton
Inspection / Activity Plan
03/01/2004 - 09/30/2005

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	HT SNK B - HEAT SINK BIENNIAL (DRS)		1			
1	IP 7111107B	Heat Sink Performance		03/15/2004	03/19/2004	Baseline Inspections
	PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		3			
1	IP 71152B	Identification and Resolution of Problems		03/15/2004	04/07/2004	Baseline Inspections
	71114 - BASELINE NON-EXERCISE EP INSP		1			
1	IP 7111402	Alert and Notification System Testing		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/19/2004	04/23/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/19/2004	04/23/2004	Baseline Inspections
	IP 71122 - RP RAM PROCESSING AND TRANSPORTATION		1			
1	IP 7112202	Radioactive Material Processing and Transportation		04/26/2004	04/30/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		04/26/2004	04/30/2004	Baseline Inspections
	MR - MAINTENANCE RULE		1			
1	IP 7111112B	Maintenance Effectiveness		06/21/2004	06/25/2004	Baseline Inspections
	IP 71121 - RP POST-OUTAGE ALARA & ACCESS CNTRL INSP		1			
1	IP 7112101	Access Control to Radiologically Significant Areas		06/07/2004	06/11/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		06/07/2004	06/11/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/07/2004	06/11/2004	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
	MOD/5059 - MODIFICATIONS & 50.59		3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		12/06/2004	12/10/2004	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		12/06/2004	12/10/2004	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

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

Clinton
Inspection / Activity Plan
03/01/2004 - 09/30/2005

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	IP 71121	- RP INSTRUMENTATION/PROT EQUIP INSP	1			
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