

March 4, 2003

Mr. John L. Skolds, 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 03-01)

Dear Mr. Skolds:

On February 11, 2003, the NRC staff completed its end-of-cycle plant performance assessment of Clinton Power Station. The end-of-cycle review for 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, 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 that may conflict with your plant activities.

Overall, 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 baseline inspections at your facility through March 31, 2004.

The enclosed inspection plan details the inspections scheduled through March 31, 2004. 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 6 months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

As you are aware, since the terrorist attacks on September 11, 2001, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness. 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 2003, we plan to continue these inspections, conduct portions of the security

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baseline inspection program, as well as perform additional inspections to evaluate your compliance with new requirements that may be ordered. Based on our final determinations in this regard, we will notify you of any inspection plan changes.

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 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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J. Skolds

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 and LaSalle  
Document Control Desk-Licensing  
Illinois Department of Nuclear Safety  
M. Reidy, Clinton Police Chief  
The Honorable Tom Edmunds  
The Honorable Ken Schaub  
R. Schumaker, DeWitt County  
Board Chairman  
R. Massey, DeWitt County Sheriff  
M. Strain, DeWitt County Emergency  
Preparedness Coordinator  
The Honorable Thomas Brame  
G. C. Riss, McLean County Board Chairman  
S. Brienan, McLean County Sheriff  
J. Wahls, Director, McLean County  
Emergency Services and Disaster Agency  
R. Scheffer, Piatt County Board Chairman  
F. Sawlaw, Piatt County Sheriff  
C. E. Morris, Emergency Services  
Disaster Coordinator  
J. Snyder, Macon County Board Chairman  
R. Walker, Macon County Sheriff  
P. Anello, Emergency Services Coordinator  
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**Clinton**  
**Inspection / Activity Plan**  
**03/01/2003 - 03/31/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>INSP</b>	<b>- NUCLEAR INSTRUMENTATION INSPECTION</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/03/2003	03/07/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/03/2003	03/07/2003	Baseline Inspections
	<b>HT SNK B</b>	<b>- HEAT SINK BIENNIAL (DRS)</b>	<b>1</b>			
1	IP 7111107B	Heat Sink Performance		03/31/2003	04/04/2003	Baseline Inspections
	<b>INSP</b>	<b>- ACCESS CONTROL INSPECTION</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/14/2003	07/18/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/14/2003	07/18/2003	Baseline Inspections
	<b>INSP</b>	<b>- BIENNIAL EP EXERCISE</b>	<b>2</b>			
1	IP 7111401	Exercise Evaluation		08/18/2003	08/22/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/18/2003	08/22/2003	Baseline Inspections
	<b>TI 148</b>	<b>- TI2515/148 SECURITY ICMS</b>	<b>4</b>			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		09/15/2003	09/26/2003	Safety Issues
	<b>71111.11</b>	<b>- LIC OPERATOR REQUAL PROGRAM EVALUATION</b>	<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		09/22/2003	09/26/2003	Baseline Inspections
	<b>SSDI</b>	<b>- SAFETY SYSTEM DESIGN</b>	<b>4</b>			
1	IP 7111121	Safety System Design and Performance Capability		10/20/2003	11/07/2003	Baseline Inspections
	<b>FY 2004</b>	<b>- CLINTON INIT PREP 12/2003</b>	<b>3</b>			
1	W90073	OL - INITIAL EXAM - CLINTON - DEC 2003/JAN 2004		12/15/2003	12/19/2003	Not Applicable
	<b>FY 2004</b>	<b>- CLINTON INIT EXAM 01/2004</b>	<b>3</b>			
1	W90073	OL - INITIAL EXAM - CLINTON - DEC 2003/JAN 2004		01/05/2004	01/16/2004	Not Applicable
	<b>7111108</b>	<b>- ISI</b>	<b>1</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		02/09/2004	02/13/2004	Baseline Inspections
	<b>INSP</b>	<b>- ALARA INSPECTION</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/09/2004	02/13/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/09/2004	02/13/2004	Baseline Inspections
	<b>INSP</b>	<b>- RADIOACTIVE MATERIAL PROCESSING AND TRAN</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/08/2004	03/10/2004	Baseline Inspections
1	IP 7112202	Radioactive Material Processing and Transportation		03/08/2004	03/10/2004	Baseline Inspections
	<b>PI&amp;R</b>	<b>- PROBLEM IDENTIFICATION AND RESOLUTION</b>	<b>3</b>			
1	IP 71152B	Identification and Resolution of Problems		03/15/2004	04/02/2004	Baseline Inspections

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