

May 31, 2001

Mr. Oliver D. Kingsley, President  
and Chief Nuclear Officer  
Exelon Nuclear  
Exelon Generation Company, LLC  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: ANNUAL ASSESSMENT LETTER - CLINTON POWER STATION  
(REPORT 50-461/01-01)

Dear Mr. Kingsley:

On May 2, the NRC staff completed its End-of-Cycle plant performance assessment of the Clinton Power Station. The End-of-Cycle review for Clinton involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period April 2, 2000 through March 31, 2001. 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.

Overall, Clinton operated in a manner that preserved public health and safety and fully met all cornerstone objectives. 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 baseline inspections at your facility through May 31, 2002.

While plant performance for the most recent quarter is within the Licensee Response Column of the Action Matrix, the Drill/Exercise performance indicator was determined to be White in the 2nd Quarter 2000. Therefore, Clinton Power Station was in the Regulatory Response Column of the Action Matrix during the first three quarters of the assessment cycle. You performed a root cause evaluation and the NRC conducted a supplemental inspection in May 14 - 18. The results of that inspection will be forwarded to you in the next few weeks.

The enclosure details the scheduled inspections that will occur through May 31, 2002. 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.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the next inspection and assessment cycle will consist of only three quarters (i.e. the second, third and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 - September 30) in lieu of a mid-cycle review. The impact on the inspection plan, which is included as an enclosure, is minimal. Activities planned for the transition cycle represent only 60-80 percent of those activities that would be accomplished during a typical 12-month inspection and assessment cycle.

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/NRC/ADAMS/index.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) 829-9866 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Thomas J. Kozak, Chief  
Branch 4  
Division of Reactor Projects

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

Enclosure: Clinton Inspection/Activity Plan

See Attached Distribution

DOCUMENT NAME: G:\EOC letters\clin\_2001q1.wpd

To receive a copy of this document, indicate in the box: "C" = Copy without enclosure "E"= Copy with enclosure "N"= No copy

OFFICE	RIII		RIII				
NAME	LCollins/trn		TKozak				
DATE	05/30/01		05/30/01				

**OFFICIAL RECORD COPY**

cc w/encl: J. Heffley, Vice President  
W. Bohlke, Senior Vice President  
Nuclear Services  
J. Cotton, Senior Vice President -  
Operations Support  
M. Pacilio, Plant Manager  
R. Krich, Director - Licensing  
J. Skolds, Chief Operating Officer  
C. Crane, Senior Vice President -  
Mid-West Regional Operating Group  
J. Benjamin, Vice President - Licensing  
And Regulatory Affairs  
H. Stanley, Operations Vice President  
R. Helfrich, Senior Counsel, Nuclear  
Mid-West Regional Operating Group  
W. Liff, Regulatory Assurance Manager (Acting)  
Document Control Desk-Licensing  
Illinois Department of Nuclear Safety

ADAMS Distribution:

AJM

DFT

JBH1

SSB1

TAB

MRJ1

THB

RML2

JLC1

RidsNrrDipmlipb

GEG

HBC

PLL

DRPIII

DRSIII

PLB1

JRK1

**Clinton**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>BIP</b>	<b>- ROUTINE RESIDENT INSPECTION</b>	<b>2</b>			
1	IP 7111101	Adverse Weather Protection		05/20/2001	06/30/2001	Baseline Inspections
	<b>50.59</b>	<b>- CHANGES TESTS EXPERIMENTS (DRS)</b>	<b>1</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/18/2001	06/22/2001	Baseline Inspections
	<b>FY 2001</b>	<b>- CLINTON INIT PREP 06/2001</b>	<b>2</b>			
1	W90025	OL - INITIAL EXAM - CLINTON - 2001		06/25/2001	06/29/2001	Not Applicable
	<b>71130</b>	<b>- SAFEGUARDS INSPECTION-AA/AC/PI/PC (DRS)</b>	<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		07/09/2001	07/13/2001	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		07/09/2001	07/13/2001	Baseline Inspections
1	IP 7113004	Security Plan Changes		07/09/2001	07/13/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		07/09/2001	07/13/2001	Baseline Inspections
	<b>FY 2001</b>	<b>- CLINTON INIT EXAM 07/2001</b>	<b>3</b>			
1	W90025	OL - INITIAL EXAM - CLINTON - 2001		07/16/2001	07/27/2001	Not Applicable
	<b>IP 71121</b>	<b>- RP INSTRUMENTATION (DRS)</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/30/2001	08/03/2001	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		07/30/2001	08/03/2001	Baseline Inspections
	<b>IP 71114</b>	<b>- BIENNIAL EMERG PREP EXERCISE (DRS,DRP)</b>	<b>3</b>			
1	IP 7111401	Exercise Evaluation		08/27/2001	08/31/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/27/2001	08/31/2001	Baseline Inspections
	<b>DESIGN</b>	<b>- SAFETY SYSTEM BIENNIAL (DRS)</b>	<b>5</b>			
1	IP 7111121	Safety System Design and Performance Capability		08/27/2001	09/14/2001	Baseline Inspections
	<b>IP 71114</b>	<b>- BIENNIAL EMERG PREP EXERCISE (DRS,DRP)</b>	<b>3</b>			
1	IP 7111402	Alert and Notification System Testing		09/10/2001	09/14/2001	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		09/10/2001	09/14/2001	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		09/10/2001	09/14/2001	Baseline Inspections
	<b>IP 71121</b>	<b>- RP ACCESS CONTROL &amp; ALARA INSP</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/10/2001	09/14/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/10/2001	09/14/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/10/2001	09/14/2001	Baseline Inspections
	<b>71111.11</b>	<b>- LIC OPERATOR REQUAL PROGRAM EVAL (DRS)</b>	<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		10/01/2001	11/02/2001	Baseline Inspections
	<b>IP 71122</b>	<b>- REMP, UNCOND RELEASE, &amp; ALARA INSP (DRS)</b>	<b>2</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		11/05/2001	11/09/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		11/05/2001	11/09/2001	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		11/05/2001	11/09/2001	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  
06/01/2001 - 05/31/2002

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>IP 71122 - REMP, UNCOND RELEASE, &amp; ALARA INSP (DRS)</b>		<b>2</b>			
1	IP 71151	Performance Indicator Verification		11/05/2001	11/09/2001	Baseline Inspections
	<b>BIP - ROUTINE RESIDENT INSPECTION</b>		<b>2</b>			
1	IP 7111101	Adverse Weather Protection		11/19/2001	12/28/2001	Baseline Inspections
	<b>BIP - IDENTIFICATION AND RESOLUTION OF PROBLEM</b>		<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		11/26/2001	12/14/2001	Baseline Inspections
	<b>IP 71121 - RP ACCESS CONTROL &amp; ALARA INSP</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/11/2002	02/15/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/11/2002	02/15/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		02/11/2002	02/15/2002	Baseline Inspections
	<b>BIP - ROUTINE RESIDENT INSPECTION</b>		<b>2</b>			
1	IP 7111120	Refueling and Outage Activities		02/18/2002	03/31/2002	Baseline Inspections
	<b>CONT A+B - SAFEGUARDS INSPECTION-RESPONSE-ADMN+TEST</b>		<b>2</b>			
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategie		02/25/2002	03/01/2002	Baseline Inspections
	<b>FPI - TRIENNIAL FIRE PROTECTION</b>		<b>3</b>			
1	IP 7111105T	Fire Protection		02/25/2002	03/15/2002	Baseline Inspections
	<b>IP 71121 - ALARA OUTAGE INSPECTION</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/25/2002	05/03/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/25/2002	05/03/2002	Baseline Inspections
	<b>ISI - INSERVICE INSPECTION</b>		<b>1</b>			
1	IP 7111108	Inservice Inspection Activities		04/01/2002	04/05/2002	Baseline Inspections
	<b>BIP - ROUTINE RESIDENT INSPECTION</b>		<b>2</b>			
1	IP 7111106	Flood Protection Measures		04/01/2002	05/18/2002	Baseline Inspections
1	IP 7111120	Refueling and Outage Activities		04/01/2002	05/18/2002	Baseline Inspections
	<b>IP 71121 - RP INSTRUMENTATION INSPECTION</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/06/2002	05/10/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		05/06/2002	05/10/2002	Baseline Inspections
	<b>BIP - ROUTINE RESIDENT INSPECTION</b>		<b>2</b>			
1	IP 7111101	Adverse Weather Protection		05/19/2002	06/30/2002	Baseline Inspections

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