



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

August 28, 2017

Mr. Bryan C. Hanson
Senior VP, Exelon Generation Company, LLC
President and CNO, Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

**SUBJECT: UPDATED INSPECTION PLAN FOR CLINTON POWER STATION, UNIT 1 AND
QUARTERLY ASSESSMENT LETTER (REPORT 05000461/2017005)**

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Clinton Power Station. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

The NRC staff recently evaluated the preliminary significance of an issue at Clinton Power Station regarding the Division 1 Emergency Diesel Generator Room Vent Fan. This issue is described in NRC Inspection Report 05000461/2017009 sent to you August 14, 2017. The final significance determination of this issue may affect the NRC's assessment of plant performance and the enclosed inspection plan.

As discussed in our 2016 Annual Assessment Letter for Clinton Power Station, Unit 1 (Inspection Report 05000461/2016006) (ML17054C676), dated March 1, 2017, the NRC issued eight traditional enforcement violations associated with impeding the regulatory process. Therefore, the NRC plans to conduct Inspection Procedure 92723, "Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the Same Area in a 12-Month Period," to follow-up on these violations.

The NRC also identified a cross-cutting theme in the area of human performance as part of the March 1, 2017, Annual Assessment Letter for Clinton Power Station, Unit 1, due to 20 inspection items being identified in the cross-cutting area of human performance over a 12-month inspection period. During this assessment period of July 1, 2016 through June 30, 2017, the number of inspection items with the cross-cutting area of human performance decreased below 20; therefore the previously identified theme is closed.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at 630-829-9731 with any questions you have regarding this letter.

Sincerely,

/RA/

Karla Stoedter, Chief
Branch 1
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Bryan C. Hanson from Karla Stoedter dated August 28, 2017

SUBJECT: UPDATED INSPECTION PLAN FOR CLINTON POWER STATION, UNIT 1 AND
QUARTERLY ASSESSMENT LETTER (REPORT 05000461/2017005)

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Clinton
Inspection / Activity Plan
09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/25/2017	09/29/2017	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	09/25/2017	09/29/2017	IP 71151	Performance Indicator Verification	
			BI PI&R - BIENNIAL PI&R INSPECTION		4
1	09/11/2017	09/29/2017	IP 71152B	Problem Identification and Resolution	
			BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		5
1	09/30/2017	11/03/2017	IP 7111408	Exercise Evaluation – Scenario Review	
1	10/30/2017	11/03/2017	IP 7111401	Exercise Evaluation	
1	10/30/2017	11/03/2017	IP 7111406	Drill Evaluation	
1	10/30/2017	11/03/2017	IP 71151	Performance Indicator Verification	
			92723 - FLWP INSP FOR 3 OR MORE SL IV VIOLATIONS		1
1	11/13/2017	11/17/2017	IP 92723	Follow Up Inspection for Three or More Severity Level IV Traditional Enforcement Violations in the S	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1	11/13/2017	11/24/2017	IP 7111111Q	Licensed Operator Requalification Program	
			BI 50.59 - TRIENNIAL 50.59 INSPECTION		3
1	07/30/2018	08/03/2018	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			ISI - INSERVICE INSPECTION UNIT 1		1
1	05/07/2018	05/19/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
1	05/14/2018	05/18/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/14/2018	05/18/2018	IP 71124.05	Radiation Monitoring Instrumentation	
			OL PREP - INITIAL PREP AUG/SEPT 2018		3
1	08/06/2018	08/10/2018	W90371	OL - INITIAL EXAM - 2018 AUG-SEPT - CLINTON	
			OL EXAM - INITIAL EXAM AUG/SEPT 2018		3
1	08/27/2018	09/07/2018	W90371	OL - INITIAL EXAM - 2018 AUG-SEPT - CLINTON	
			ISFSI - ISFSI CASK LOADING INSPECTION		1
1	09/01/2018	11/30/2018	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI ENG - DBA PROGRAM		4
1	10/29/2018	11/16/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	11/26/2018	11/30/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	11/26/2018	11/30/2018	IP 71151	Performance Indicator Verification	

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

Clinton
Inspection / Activity Plan
09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI ENG - DBA TEAM		3
1	03/11/2019	03/29/2019	IP 7111121M	Design Bases Assurance Inspection (Teams)	
			BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		2
1	03/18/2019	03/22/2019	IP 7111401	Exercise Evaluation	
1	03/18/2019	03/22/2019	IP 7111406-Simul8r	Simulator-Based Licensed Operator Requal Training	
1	03/18/2019	03/22/2019	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
1	05/13/2019	05/17/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	05/13/2019	05/17/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1	05/13/2019	05/17/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/13/2019	05/17/2019	IP 71124.04	Occupational Dose Assessment	
			ISI - INSERVICE INSPECTION UNIT 1		1
1	05/06/2019	05/27/2019	IP 7111108G	Inservice Inspection Activities - BWR	

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