



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

August 28, 2018

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 BRAIDWOOD STATION, UNITS 1 AND 2
(REPORT 05000456/2018005 AND 05000457/2018005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020 for Braidwood Station, Units 1 and 2. The 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 letter, its enclosure, and your response (if any) 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 630-829-9620 with any questions you have regarding this letter.

Sincerely,

/RA/

Eric R. Duncan, Chief
Branch 3
Division of Reactor Projects

Docket Nos. 50-456; 50-457
License Nos. NPF-72; NPF-77

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Bryan C. Hanson from Eric Duncan dated August 28, 2018

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(REPORT 05000456/2018005 AND 05000457/2018005)

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OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Braidwood

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RADIATION PROTECTION BASELINE INSPECTION						1
1, 2	10/15/2018	10/19/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
DBA TEAM						6
1, 2	01/14/2019	02/01/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
SECURITY BASELINE INSPECTION						1
1, 2	02/04/2019	02/08/2019	IP 71130.02	000734	Access Control	
CYBER SECURITY INSPECTION						5
1	02/11/2019	03/01/2019	IP 71130.10P	000741	Cyber Security	
EP BASELINE INSPECTION / PI VERIFICATION						1
1, 2	02/25/2019	03/01/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	02/25/2019	03/01/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	02/25/2019	03/01/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	02/25/2019	03/01/2019	IP 71151	001397	Performance Indicator Verification	
RP Baseline						1
1, 2	02/25/2019	03/01/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
SECURITY BASELINE INSPECTION						1
1, 2	04/08/2019	04/12/2019	IP 71130.07	000739	Security Training	
1, 2	04/08/2019	04/12/2019	IP 71151	001338	Performance Indicator Verification	
ISFSI Cask Loading Inspection 2Q2019						2
1, 2	04/15/2019	04/19/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
2019 BWD Exam						3
1, 2	05/05/2019	05/10/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	06/02/2019	06/07/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
FORCE-ON-FORCE PLANNING AND EXERCISES						8
1, 2	07/29/2019	08/02/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	08/19/2019	08/23/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	

IP 22 Inspection Activity Plan Report

Braidwood

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RADIATION PROTECTION BASELINE INSPECTION						1
1, 2	09/09/2019	09/13/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
RADIATION PROTECTION BASELINE INSPECTION						1
1, 2	10/07/2019	10/11/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/07/2019	10/11/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
50.59 Inspection						3
1, 2	01/13/2020	01/17/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
CORPORATE SECURITY BASELINE INSPECTION						4
1, 2	01/14/2020	01/16/2020	IP 71130.08	000740	Fitness For Duty Program	
RP Baseline Inspection						1
1, 2	01/27/2020	01/31/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	01/27/2020	01/31/2020	IP 71124.04	000729	Occupational Dose Assessment	
BIENNIAL PI&R TEAM INSPECTION						4
1, 2	02/10/2020	02/28/2020	IP 71152B	000747	Problem Identification and Resolution	
SECURITY BASELINE INSPECTION						1
1, 2	03/09/2020	03/13/2020	IP 71130.02	000734	Access Control	
1, 2	03/09/2020	03/13/2020	IP 71130.08	000740	Fitness For Duty Program	
RP Baseline Inspection						1
1, 2	04/20/2020	04/24/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	