



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

August 28, 2019

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 05000456/2019005; 05000457/2019005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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 630-829-9707 with any questions you have regarding this letter.

Sincerely,

/RA/

Hironori Peterson, Chief
Branch 3
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Byran Hanson from Hironori Peterson dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR BRAIDWOOD STATION, UNITS 1 AND 2
(REPORT 05000456/2019005; 05000457/2019005)

DISTRIBUTION:

Douglas Dodson

RidsNrrDorlLpl3

RidsNrrPMBraidwood Resource

RidsNrrDirslrib Resource

Darrell Roberts

John Giessner

Jamnes Cameron

Allan Barker

DRPIII

DRSIII

ROPassessment.Resource@nrc.gov

ADAMS Accession Number: ML19240A557

OFFICE	RIII						
NAME	HPeterson:bw						
DATE	8/27/2019						

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Braidwood

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
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	
Radiation Protection Baseline Inspection						1
1, 2	12/02/2019	12/06/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Evaluations of Changes, Tests, and Experiments 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	
Biennial Problem Identification and Resolution Inspection						4
1, 2	02/10/2020	02/28/2020	IP 71152B	000747	Problem Identification and Resolution	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
1, 2	03/02/2020	03/06/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	03/02/2020	03/06/2020	IP 71151	001397	Performance Indicator Verification	
Security Baseline Inspection						1
1, 2	03/02/2020	03/06/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	03/02/2020	03/06/2020	IP 71151	001338	Performance Indicator Verification	
Inservice Inspection Braidwood Unit 2						1
2	04/13/2020	05/01/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Protection Baseline Inspection						1
1, 2	04/20/2020	04/24/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Braidwood May 2020 Initial Exam						4
1, 2	04/20/2020	04/24/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	05/18/2020	05/29/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Security Baseline Inspection						1
1, 2	07/20/2020	07/24/2020	IP 71130.02	000734	Access Control	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Braidwood

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Security Baseline Inspection						1
1, 2	07/20/2020	07/24/2020	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	08/17/2020	08/21/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Radiation Protection Baseline Inspection						2
1, 2	07/27/2020	07/31/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/27/2020	07/31/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
ISFSI Cask Loading Inspection 3Q2020						2
1, 2	09/14/2020	09/18/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
Radiation Protection Baseline Inspection						1
1, 2	10/12/2020	10/16/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Triennial Heat Sink Inspection						2
1, 2	11/16/2020	11/20/2020	IP 71111.07T	000700	Heat Sink Performance	
Corporate Security Baseline Inspection						3
1, 2	01/05/2021	01/07/2021	IP 71130.01	000733	Access Authorization	
Design Bases Assurance Inspection (Programs)						3
1, 2	01/11/2021	01/29/2021	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Radiation Protection Baseline Inspection						1
1, 2	02/16/2021	02/19/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Security Baseline Inspection						1
1, 2	03/29/2021	04/02/2021	IP 71130.01	000733	Access Authorization	
1, 2	03/29/2021	04/02/2021	IP 71130.02	000734	Access Control	
1, 2	04/19/2021	04/23/2021	IP 71130.07	000739	Security Training	
1, 2	04/19/2021	04/23/2021	IP 71151	001338	Performance Indicator Verification	
1, 2	06/01/2021	06/04/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
Inservice Inspection Braidwood Unit 1						1
1	04/08/2021	04/23/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Braidwood

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Radiation Protection Baseline Inspection						1
1, 2	04/12/2021	04/16/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/12/2021	04/16/2021	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/12/2021	04/16/2021	IP 71124.04	000728	Occupational Dose Assessment	
Triennial Fire Protection Inspection						3
1, 2	05/10/2021	05/28/2021	IP 71111.21N.05		Fire Protection Team Inspection (FPTI)	
Braidwood 2021 Initial Exam						4
1, 2	05/10/2021	05/14/2021	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	06/07/2021	06/18/2021	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	