



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
2100 RENAISSANCE BLVD.  
KING OF PRUSSIA, PA 19406-2713

August 28, 2018

Mr. Bryan Hanson  
Senior Vice President, Exelon Generation  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNITS 1 AND 2 UPDATED  
INSPECTION PLAN: INSPECTION REPORT 05000317/2018005 AND  
05000318/2018005

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Calvert Cliffs Nuclear Power Plant 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.

In addition to normal baseline inspections, the NRC will be performing Inspection Procedure (IP) 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations (ISFSI), and IP 60855.1, "Operation of an ISFSI at Operating Plants," at your facility.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be 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).

Please contact me at 610-337-5108 with any questions you have regarding this letter.

Sincerely,

/RA/

Christopher G. Cahill, Acting Chief  
Reactor Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-317 and 50-318  
License Nos. DPR-53 and DPR-69

Enclosure:  
Inspection Plan

cc: Distribution via ListServ

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT, UNITS 1 AND 2 UPDATED  
INSPECTION PLAN. INSPECTION REPORT 05000317/2018005 AND  
05000318/2018005 DATED AUGUST 28, 2018

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<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
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NAME	ARosebrook	CCahill			
DATE	8/8/18	8/8/18			

OFFICIAL RECORD COPY

# IP 22 Inspection Activity Plan Report

## Calvert Cliffs

07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>CALVERT CLIFFS INITIAL OL EXAM</b>						4
1, 2	07/09/2018	07/13/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	08/06/2018	08/17/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>EP PROGRAM INSPECTION</b>						1
1, 2	08/13/2018	08/17/2018	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	08/13/2018	08/17/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	08/13/2018	08/17/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	08/13/2018	08/17/2018	IP 71151	001397	Performance Indicator Verification	
<b>ACCESS CONTROL, PROTECTIVE STRATEGY, TSR</b>						4
1, 2	09/10/2018	09/14/2018	IP 71130.02	000734	Access Control	
1, 2	09/10/2018	09/14/2018	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	09/10/2018	09/14/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	09/10/2018	09/14/2018	IP 71151	001338	Performance Indicator Verification	
1, 2	09/10/2018	09/14/2018	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>DESIGN BASES ASSURANCE INSPECTION (TEAM)</b>						6
1, 2	09/17/2018	09/21/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	10/01/2018	10/05/2018	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>RADIATION SAFETY - DOSIMETRY &amp; PIV</b>						1
1, 2	12/03/2018	12/07/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	12/03/2018	12/07/2018	IP 71151	000746	Performance Indicator Verification	
<b>RADIATION SAFETY - INSTRUMENTS</b>						1
1, 2	01/14/2019	01/18/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>INSERVICE INSPECTION - UNIT 2</b>						1
2	02/25/2019	03/08/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
<b>RADIATION SAFETY-RAD HAZ</b>						1
1, 2	02/25/2019	03/01/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	02/25/2019	03/01/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	02/25/2019	03/01/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

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<b>RADWASTE</b>						1
1, 2	04/01/2019	04/05/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>CYBER FULL IMP</b>						2
1, 2	04/29/2019	05/03/2019	IP 71130.10P	000741	Cyber Security	
1, 2	05/13/2019	05/17/2019	IP 71130.10P	000741	Cyber Security	
<b>MC&amp;A</b>						1
1, 2	06/10/2019	06/14/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>FORCE-ON-FORCE PLANNING AND EXERCISES</b>						8
1, 2	06/24/2019	06/28/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	07/15/2019	07/19/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>ISFSI OPERATIONAL INSPECTION</b>						2
1, 2	08/05/2019	08/09/2019	IP 60855	001001	Operation Of An ISFSI	
1, 2	08/05/2019	08/09/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>ACCESS CONTROL, EQUIP PERF, TRAINING</b>						3
1, 2	08/05/2019	08/09/2019	IP 71130.02	000734	Access Control	
1, 2	08/05/2019	08/09/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	08/05/2019	08/09/2019	IP 71130.07	000739	Security Training	
1, 2	08/05/2019	08/09/2019	IP 71151	001338	Performance Indicator Verification	
<b>RADIATION SAFETY - REMP</b>						1
1, 2	08/19/2019	08/23/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>TRIENNIAL FIRE PROTECTION</b>						4
1, 2	09/09/2019	09/13/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1, 2	09/23/2019	09/27/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
<b>EP EXERCISE INSPECTION</b>						5
1, 2	09/16/2019	09/20/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	09/16/2019	09/20/2019	IP 71151	001397	Performance Indicator Verification	

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07/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>PI&amp;R BIENNIAL</b>						4
1, 2	10/21/2019	10/25/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	11/04/2019	11/08/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>CC REQUAL INSP W/ P/F RESULTS</b>						2
1, 2	11/18/2019	11/22/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance (Annual)	
1, 2	11/18/2019	11/22/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>Radiation Safety - RETS &amp; PIV</b>						1
1, 2	11/18/2019	11/22/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	11/18/2019	11/22/2019	IP 71151	000746	Performance Indicator Verification	
<b>Radiation Safety - ALARA</b>						1
1, 2	01/06/2020	01/10/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
<b>Access Authorization, FFD, SGI Control</b>						1
1, 2	01/06/2020	01/10/2020	IP 71130.01	000733	Access Authorization	
1, 2	01/06/2020	01/10/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	01/06/2020	01/10/2020	IP 71130.08	000740	Fitness For Duty Program	
1, 2	03/30/2020	04/03/2020	IP 71130.01	000733	Access Authorization	
1, 2	03/30/2020	04/03/2020	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	03/30/2020	04/03/2020	IP 71130.08	000740	Fitness For Duty Program	
<b>CALVERT CLIFFS INITIAL OL EXAM</b>						5
1, 2	04/06/2020	04/10/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	05/04/2020	05/15/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>59.59 INSPECTION</b>						3
1, 2	06/15/2020	06/19/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	