UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

August 28, 2019

Mr. Bryan C. Hanson
Senior Vice President, Exelon Generation Company, LLC
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 REPORTS 05000317/2019005 AND 05000318/2019005)

Dear Mr. Hanson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, 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, NRC Region I 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 Independent Spent Fuel Storage Installation at Operating Plants,” and plans to conduct an inspection per Temporary Instruction 2515/194, “Inspection of the Licensees’ Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems,” at your facility during the period.

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.

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) 337-5120 with any questions you have regarding this letter.

Sincerely,

/RA/

Erin E. Carfang, Chief
Projects Branch 1
Division of Reactor Projects

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

Enclosure:
Calvert Cliffs Inspection Plan

cc: Distribution via ListServ

SUBJECT: CALVERT CLIFFS UNITS 1 AND 2 UPDATED INSPECTION PLAN (INSPECTION REPORTS 05000272/2019005 AND 05000311/2019005) DATED AUGUST 28, 2019

Distribution w/encl: (via E-mail)
DLew, RA (R1ORAMAIL RESOURCE)
RLorson, DRA (R1ORAMAIL RESOURCE)
DCollins, DRP (R1DRPMAIL RESOURCE)
BWelling, DRP (R1DRPMAIL RESOURCE)
JYerokun, DRS (R1DRSMAIL RESOURCE)
PKrohn, DRS (R1DRSMAIL RESOURCE)
ECarfang, DRP
SHaney, DRP
SObadina, DRP
RClagg, DRP, SRI
CRoettgen, DRP, RI
CFragman, DRP, AA
DDodson, RI, OEDO
RidsNrrPMCalvertCliffs Resource
RidsNrrDorlLpl1 Resource
ROPReports Resource
DRS Branch Chiefs
DTifft, RI, SLO
DScrenci, RI, PAO
NSheehan, RI, PAO
RidsNrrDirslpab Resource
ROPassessment Resource

DOC NAME: S:\ROP Assessment Meetings\ROP-20 Second Quarter Process\Branch 1\Calvert Cliffs\ROP20 Calvert MC Letter.docx
ADAMS ACCESSION NUMBER: ML19233A231

☑ SUNSI Review		☑ Non-Sensitive ☐ Sensitive		☑ Publicly Available ☐ Non-Publicly Available	
OFFICE	RI/DRP	RI/DRP			
NAME	SHaney	ECarfang			
DATE	8/21/19	8/26/19			

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Calvert Cliffs

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
FORCE-ON-FORCE PLANNING AND EXERCISES						6
1, 2	07/15/2019	07/19/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
ISFSI OPERATIONAL INSPECTION						2
1, 2	08/05/2019	08/09/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
CC-ACCESS CONTROL, EQUIP PERF, TRAINING-CC						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	
MATERIAL CONTROL AND ACCOUNTABILITY						1
1, 2	08/11/2019	08/17/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
RADIATION SAFETY - REMP						1
1, 2	08/18/2019	08/24/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
TRIENNIAL FIRE PROTECTION						4
1, 2	09/09/2019	09/13/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
1, 2	09/23/2019	09/27/2019	IP 71111.05XT	000697	Fire Protection - NFPA 805	
CC-EP EXERCISE INSPECTION						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	
PI&R BIENNIAL						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	
Radiation Safety - RETS & PIV						1
1, 2	10/27/2019	11/02/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	10/27/2019	11/02/2019	IP 71151	000746	Performance Indicator Verification	
CC REQUAL INSP W/ P/F RESULTS						2
1, 2	11/17/2019	11/22/2019	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1, 2	11/17/2019	11/22/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	

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

Calvert Cliffs

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
CALVERT CLIFFS INITIAL OL EXAM						5
1, 2	01/05/2020	01/11/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	01/26/2020	02/08/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Radiation Safety - ALARA						1
1, 2	01/06/2020	01/10/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Access Authorization and Fitness for Duty						1
1, 2	01/06/2020	01/10/2020	IP 71130.01	000733	Access Authorization	
1, 2	01/06/2020	01/10/2020	IP 71130.08	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 71130.08	000740	Fitness For Duty Program	
ISI - UNIT 1						1
1	02/24/2020	03/06/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radiation Safety - Rad Haz						1
1, 2	02/24/2020	02/28/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	02/24/2020	02/28/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	02/24/2020	02/28/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
TI-194 Open Phase Condition Inspection - CC						2
1, 2	03/23/2020	03/27/2020	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
59.59 INSPECTION						3
1, 2	06/15/2020	06/19/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Radiation Safety - Airborne						1
1, 2	07/13/2020	07/17/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
HEAT SINK						1
1, 2	07/20/2020	07/24/2020	IP 71111.07T	000700	Heat Sink Performance	
PROGRAM INSPECTION						3
1, 2	08/10/2020	08/14/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	

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

Calvert Cliffs

07/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
PROGRAM INSPECTION						3
1, 2	08/24/2020	08/28/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
CALVERT CLIFFS EP PROGRAM INSPECTION						1
1, 2	08/17/2020	08/21/2020	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	08/17/2020	08/21/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	08/17/2020	08/21/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	08/17/2020	08/21/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	08/17/2020	08/21/2020	IP 71151	001397	Performance Indicator Verification	
Access Control, Equip Perf, Training						3
1, 2	11/16/2020	11/20/2020	IP 71130.02	000734	Access Control	
1, 2	11/16/2020	11/20/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	11/16/2020	11/20/2020	IP 71130.07	000739	Security Training	
1, 2	11/16/2020	11/20/2020	IP 71151	001338	Performance Indicator Verification	
1, 2	11/16/2020	11/20/2020	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
Radiation Safety - Dose & PIV						1
1, 2	11/30/2020	12/04/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	11/30/2020	12/04/2020	IP 71151	000746	Performance Indicator Verification	
Radiation Safety - Instruments						1
1, 2	01/18/2021	01/22/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
Radiation Safety - Rad Hazards						1
1, 2	03/01/2021	03/05/2021	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
INSERVICE INSPECTION						1
2	03/07/2021	03/20/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Radwaste						1
1, 2	05/03/2021	05/07/2021	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
DESIGN BASIS ASSURANCE INSPECTION - TEAMS						4
1, 2	06/06/2021	06/12/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	06/20/2021	06/26/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

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

8/21/2019 9:44:11 AM