UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415

August 31, 2022

David P. Rhoades
Senior Vice President
Constellation Energy Generation, LLC
President and Chief Nuclear Officer (CNO)
Constellation Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: UPDATED INSPECTION PLAN FOR CALVERT CLIFFS NUCLEAR POWER PLANT, UNITS 1 AND 2 (REPORT 05000317/2022005 AND 05000318/2022005)

Dear David Rhoades:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Calvert Cliffs Nuclear Power Plant, Units 1 and 2. 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

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"[1] and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication," and an engineering inspection that reviews age-related degradation and management[2].

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the Reactor Oversight Process (ROP). While the PHE continues, overall conditions throughout the country support performance of our inspection and

[1] Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

[2] The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-specific conditions, and it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.[3]

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: https://www.nrc.gov/about-nrc/covid-19/security-ep/. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

In addition to baseline inspections, the NRC plans to conduct Inspection Procedure 37060, "10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection," 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 website at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

Please contact me at 610-337-5312 with any questions you have regarding this letter.

Sincerely,

Brice A. Bickett

Digitally signed by Brice A. Bickett
Date: 2022.08.31 07:08:15 -04'00'

Brice A. Bickett, Chief
Projects Branch 3
Division of Operating Reactor Safety

Docket Nos. 05000317 and 05000318
License Nos. DPR-53 and DPR-69

Enclosure:
Calvert Cliffs Inspection Plan

cc w/encl: Distribution via ListServ

[3]This is discussed in our memo, "Implementation of Inspection Programs Following Re-Entry from the Public Health Emergency for the Reactor Safety Program" (ML21295A302), dated November 2, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR CALVERT CLIFFS NUCLEAR POWER PLANT, UNITS 1 AND 2 (REPORTS 05000317/2022005 AND 05000318/2022005) DATED AUGUST 31, 2022

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DOCUMENT NAME: https://usnrc.sharepoint.com/teams/ROPAssessmentMeetings/Shared Documents/ROP-23 Second Quarter Process/Branch 3/ROP-23 CC_IP Transmittal Ltr.docx
ADAMS Accession No. ML22241A070

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OFFICE	RI/DORS	RI/DORS			
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DATE	08/29/22	08/29/22			

OFFICIAL RECORD COPY

Detailed Site Inspection Activity

Calvert Cliffs

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	EPID #	ADAMS #	Title	Staff Count
FY22 Calvert Cliffs Initial Operator Examination								4
1,2	7/10/2022	7/22/2022	EXAD	000500	L-2022-OLL-0005		FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Material Control and Accountability - Calvert Cliffs								1
1,2	8/8/2022	8/11/2022	IP 71130.11	000742	I-2022-401-0069		Material Control and Accounting (MC&A)	
EP EXERCISE INSPECTION								5
1,2	9/12/2022	9/16/2022	IP 71114.01	000716	I-2022-501-0012		Exercise Evaluation	
1,2	9/12/2022	9/16/2022	IP 71114.04	000719	I-2022-501-0012		Emergency Action Level and Emergency Plan Changes	
1,2	9/12/2022	9/16/2022	IP 71151	001397	I-2022-501-0012		Performance Indicator Verification	
Rad Safety - Airborne, Dosimetry, & PIV								1
1,2	9/12/2022	9/16/2022	IP 71124.03	000727	I-2022-003-0030		In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/12/2022	9/16/2022	IP 71124.04	000728	I-2022-003-0030		Occupational Dose Assessment	
1,2	9/12/2022	9/16/2022	IP 71151	000746	I-2022-003-0030		Performance Indicator Verification	
Fire Protection - Calvert Cliffs								3
1,2	10/17/2022	10/21/2022	IP 71111.21N.05	001646	I-2022-010-0031		Fire Protection Team Inspection (FPTI)	
1,2	10/31/2022	11/4/2022	IP 71111.21N.05	001646	I-2022-010-0031		Fire Protection Team Inspection (FPTI)	
SEC, Access Control, Equip Perf, Sec Trng, Sec Plan rev, PI								3
1,2	11/14/2022	11/18/2022	IP 71130.02	000734	I-2022-402-0033		Access Control	
1,2	11/14/2022	11/18/2022	IP 71130.04	000736	I-2022-402-0033		Equipment Performance, Testing, and Maintenance	
1,2	11/14/2022	11/18/2022	IP 71130.07	000739	I-2022-402-0033		Security Training	
1,2	11/14/2022	11/18/2022	IP 71130.09	001656	I-2022-402-0033		Security Plan Changes	
1,2	11/14/2022	11/18/2022	IP 71151	001338	I-2022-402-0033		Performance Indicator Verification	
Inservice Inspection - Calvert Cliffs Unit 2								1

Detailed Site Inspection Activity

2	2/20/2023	3/3/2023	IP 71111.08P	000702		Inservice Inspection Activities (PWR)	
RP - 71124.01 Rad Hazards							1
1,2	2/20/2023	2/24/2023	IP 71124.01	000725		Radiological Hazard Assessment and Exposure Controls	
Access Control, AA, FFD Sec Plan Review, PI, ISFSI-CC							3
1,2	4/3/2023	4/7/2023	IP 71130.01	000733		Access Authorization	
1,2	4/3/2023	4/7/2023	IP 71130.02	000734		Access Control	
1,2	4/3/2023	4/7/2023	IP 71130.08	000740		Fitness For Duty Program	
1,2	4/3/2023	4/7/2023	IP 71130.09	001656		Security Plan Changes	
1,2	4/3/2023	4/7/2023	IP 71151	001338		Performance Indicator Verification	
1,2	4/3/2023	4/7/2023	IP 81311	000831		Physical Security Requirements for Independent Spent Fuel Storage Installations	
10 CFR 50.69 - Risk Informed SSC Implementation - Calvert Cliffs							4
1,2	4/10/2023	4/14/2023	IP 37060	000521		10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection	
1,2	4/24/2023	4/28/2023	IP 37060	000521		10 CFR 50.69 Risk-Informed Categorization and Treatment of Structures, Systems, and Components Inspection	
RP - 71124.05 Instruments							1
1,2	4/10/2023	4/14/2023	IP 71124.05	000729		Radiation Monitoring Instrumentation	
Commercial Grade Dedication- Calvert Cliffs							3
1,2	5/22/2023	5/26/2023	IP 71111.21N.03	001808		Commercial Grade Dedication	
1,2	6/5/2023	6/9/2023	IP 71111.21N.03	001808		Commercial Grade Dedication	
FY23 Calvert Cliffs Initial License Exam							4
1,2	5/7/2023	5/12/2023	OV	000956	L-2023-OLL-0008	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2	6/4/2023	6/16/2023	EXAD	000500	L-2023-OLL-0008	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Cyber Security - Calvert Cliffs							4
1,2	8/21/2023	8/25/2023	IP 71130.10	000741		Cybersecurity	

Detailed Site Inspection Activity

EP PROGRAM INSPECTION							1
1,2	9/11/2023	9/15/2023	IP 71114.02	000717		Alert and Notification System Testing	
1,2	9/11/2023	9/15/2023	IP 71114.03	000718		Emergency Response Organization Staffing and Augmentation System	
1,2	9/11/2023	9/15/2023	IP 71114.04	000719		Emergency Action Level and Emergency Plan Changes	
1,2	9/11/2023	9/15/2023	IP 71114.05	000720		Maintenance of Emergency Preparedness	
1,2	9/11/2023	9/15/2023	IP 71151	001397		Performance Indicator Verification	
RP - 71124.08 Rad Waste and PIV							1
1,2	9/18/2023	9/22/2023	IP 71124.08	000732		Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1,2	9/18/2023	9/22/2023	IP 71151	000746		Performance Indicator Verification	
PI&R Team Inspection - CC							4
1,2	10/16/2023	10/20/2023	IP 71152B	000747	I-2023-010-0016	Problem Identification and Resolution	
1,2	10/30/2023	11/3/2023	IP 71152B	000747	I-2023-010-0016	Problem Identification and Resolution	
Calvert Cliffs Requal Inspection with P/F Results							2
1,2	11/19/2023	11/24/2023	IP 71111.11A	000703		Licensed Operator Requalification Program and Licensed Operator Performance	
1,2	11/19/2023	11/24/2023	IP 71111.11B	000704		Licensed Operator Requalification Program and Licensed Operator Performance	
Inservice Inspection - Calvert Cliffs Unit 1							1
1	2/12/2024	2/23/2024	IP 71111.08P	000702		Inservice Inspection Activities (PWR)	
RP - 71124.01 Rad Hazards							1
1	2/12/2024	2/16/2024	IP 71124.01	000725		Radiological Hazard Assessment and Exposure Controls	
Focused Engineering Inspection - Aging Related							3
1,2	4/8/2024	4/12/2024	IP 71111.21N.04			Age Related Focused Engineering Inspection	
1,2	4/22/2024	4/26/2024	IP 71111.21N.04			Age Related Focused Engineering Inspection	
RP - 71124.03 Airborne and 71124.04 Dose							1

Detailed Site Inspection Activity

1,2	5/6/2024	5/10/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	5/6/2024	5/10/2024	IP 71124.04	000728	Occupational Dose Assessment	
FY24 Calvert Cliffs Initial License Examination						4
1,2	4/15/2024	4/19/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2	5/20/2024	5/24/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Access Control, Protective Strategy, TSR, SPR						4
1,2	6/24/2024	6/28/2024	IP 71130.02	000734	Access Control	
1,2	6/24/2024	6/28/2024	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	6/24/2024	6/28/2024	IP 71130.09	001656	Security Plan Changes	
1,2	6/24/2024	6/28/2024	IP 71130.14	000743	Review of Power Reactor Target Sets	
1,2	6/24/2024	6/28/2024	IP 71151	001338	Performance Indicator Verification	