



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511

March 11, 2025

Paula A. Gerfen, Senior Vice President,
Generation and Chief Nuclear Officer
Pacific Gas and Electric Company
P.O. Box 56
Mail Code 104/6
Avila Beach, CA 93424

SUBJECT: ANNUAL ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT,
UNITS 1 AND 2 (REPORT 05000275/2024006 AND 05000323/2024006)

Dear Paula A. Gerfen:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Diablo Canyon Power Plant, Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2024, through December 31, 2024. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety. The baseline inspection program was completed at your facility as defined in Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase."


The NRC determined the performance at Diablo Canyon Power Plant, Units 1 and 2, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2026. 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. During 2025, the Regional Administrator has authorized completing inspection procedure (IP) 71002, "License Renewal," and IP 71013, "Site Inspection for Plants with a Timely Renewal Application," for Unit 2.

This letter and its enclosure will be made available for public inspection and copying at [ADAMS Public Documents | NRC.gov](#) and at the NRC Public Document Room in accordance with Title 10 of the Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at (817) 200-1144 with any questions you have regarding this letter.

Sincerely,



Signed by Vossmar, Patricia
on 03/11/25

Patricia J. Vossmar, Chief
Projects Branch A
Division of Operating Reactor Safety

Docket Nos. 05000275 and 05000323
License Nos. DPR-80 and DPR-82

Enclosure:
Inspection Plan

cc w/ encl: Distribution via LISTSERV

ANNUAL ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT, UNITS 1 AND 2
(REPORT 05000275/2024006 AND 05000323/2024006) – DATED MARCH 11, 2025

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ROP Assessment

DOCUMENT NAME: ANNUAL ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT, UNITS 1 AND 2
(REPORT 05000275/2024006 AND 05000323/2024006)

ADAMS ACCESSION NUMBER: **ML25062A140**

☒ SUNSI Review ADAMS: ☐ Non-Publicly Available ☒ Non-Sensitive Keyword:
By: RLB ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive NRC-002

OFFICE	SPE:DORS:PBA	BC:DORS:PBA	
NAME	RBywater	PVossmar	
SIGNATURE	/RA/	/RA/	
DATE	03/03/25	03/11/25	

OFFICIAL RECORD COPY

Site Inspection Activity Plan

Diablo Canyon

01/01/2025 - 12/31/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - DC						5
1,2	1/13/2025	1/17/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1,2	2/10/2025	2/14/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
License Renewal 71013 - DC Unit 2 (Phase 2)						4
2	2/23/2025	3/1/2025	IP 71002	000686	License Renewal Inspection	
2	2/23/2025	3/1/2025	IP 71013	001852	Site Inspection for Plants with a Timely Renewal Application	
Inservice Inspection- DC (U1)						1
1	4/21/2025	5/2/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,4,PI - DC						2
1,2	4/21/2025	4/25/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	4/21/2025	4/25/2025	IP 71124.04	000728	Occupational Dose Assessment	
1,2	4/21/2025	4/25/2025	IP 71151	000746	Performance Indicator Verification	
DC 2025 BRQ						2
1,2	6/1/2025	6/7/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Fire Protection Inspection- DC						3
1,2	7/6/2025	7/12/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1,2	7/20/2025	7/26/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
Security Access Control (71130.02), Security Plan Changes (71130.09), Security PIV (71151)						1
1,2	7/7/2025	7/11/2025	IP 71130.02	000734	Access Control	
1,2	7/7/2025	7/11/2025	IP 71130.09	001656	Security Plan Changes	
1,2	7/7/2025	7/11/2025	IP 71151	001338	Performance Indicator Verification	
Cybersecurity - DC						4
1,2	8/10/2025	8/16/2025	IP 71130.10	000741	Cybersecurity	
EP 2025 Program Inspection - DC						1
1,2	8/25/2025	8/29/2025	IP 71114.02	000717	Alert and Notification System Testing	
1,2	8/25/2025	8/29/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	8/25/2025	8/29/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/25/2025	8/29/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	8/25/2025	8/29/2025	IP 71151	001397	Performance Indicator Verification	
Inservice Inspection- DC (U2)						1
2	10/6/2025	10/17/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
DC 2025 INITIAL EXAM						6

Site Inspection Activity Plan

1,2	9/14/2025	9/20/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	10/26/2025	11/8/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
RP 5,8 - DC						2
1,2	3/9/2026	3/13/2026	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	3/9/2026	3/13/2026	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Diablo Canyon 2026 PI&R						4
1,2	5/4/2026	5/22/2026	IP 71152B	000747	Problem Identification and Resolution	
Security AA-AC-PIV-Plan Change						2
1,2	6/8/2026	6/12/2026	IP 71130.01	000733	Access Authorization	
1,2	6/8/2026	6/12/2026	IP 71130.02	000734	Access Control	
1,2	6/8/2026	6/12/2026	IP 71130.09	001656	Security Plan Changes	
1,2	6/8/2026	6/12/2026	IP 71151	001338	Performance Indicator Verification	
Comprehensive Engineering Team Inspection - Diablo Canyon						7
1,2	7/13/2026	7/17/2026	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
1,2	7/27/2026	7/31/2026	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
MC&A - DC						1
1,2	8/17/2026	8/21/2026	IP 71130.11	000742	Material Control and Accounting (MC&A)	
EP Exercise & PI Inspection (2026) - DC						5
1,2	8/31/2026	9/4/2026	IP 71114.01	000716	Exercise Evaluation	
1,2	8/31/2026	9/4/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/31/2026	9/4/2026	IP 71151	001397	Performance Indicator Verification	
Security FFD						1
1,2	8/31/2026	9/4/2026	IP 71130.08	000740	Fitness-For-Duty Program	
Security Protective Strategy (71130.05) and Target Sets (71130.14)						3
1,2	9/28/2026	10/2/2026	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	9/28/2026	10/2/2026	IP 71130.14	000743	Review of Power Reactor Target Sets	
Inservice Inspection - DC (U1)						1
1	10/19/2026	10/30/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,3,PI - DC						2
1,2	10/19/2026	10/23/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/19/2026	10/23/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	10/19/2026	10/23/2026	IP 71151	000746	Performance Indicator Verification	