



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

March 4, 2019

Mr. James M. Welsch  
Vice President, Nuclear 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 05000275/2018006 AND 05000323/2018006)

Dear Mr. Welsch:

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, 2018, through December 31, 2018. 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 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, 2020. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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 has proposed changes regarding engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections") and is drafting proposed changes to the ROP for Commission consideration. Should the Commission approve changes to the ROP, 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 12 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.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerability in Electrical Power Systems (NRC Bulletin 2012-01)."

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 (817) 200-1148 with any questions you have regarding this letter.

Sincerely,

/RA/

Mark S. Haire, Chief  
Project Branch A  
Division of Reactor Projects

Docket Nos. 50-275 and 50-323  
License Nos. DPR-80 and DPR-82

Enclosure:  
Inspection Plan

# IP 22 Inspection Activity Plan Report

## Diablo Canyon

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>DC 2019 INITIAL EXAM</b>						4
1, 2	01/13/2019	01/19/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>INSERVICE INSPECTION</b>						1
1, 2	02/10/2019	03/08/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP INSPECTION (1,3)</b>						2
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 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>DC 2019 BRQ</b>						2
1, 2	04/07/2019	04/13/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>FORCE-ON-FORCE PLANNING AND EXERCISES</b>						6
1, 2	04/08/2019	04/12/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	04/29/2019	05/03/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>DIABLO CANYON DBA TEAM INSPECTION</b>						6
1, 2	06/10/2019	06/28/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>RP INSPECTION (2,4)</b>						2
1, 2	07/22/2019	07/26/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	07/22/2019	07/26/2019	IP 71124.04	000728	Occupational Dose Assessment	
<b>Security Access Control .02</b>						1
1, 2	08/19/2019	08/23/2019	IP 71130.02	000734	Access Control	
1, 2	08/19/2019	08/23/2019	IP 71151	001338	Performance Indicator Verification	
<b>INSERVICE INSPECTION</b>						1
2	10/07/2019	10/18/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>EP PROGRAM INSPECTION</b>						1
1, 2	10/21/2019	10/25/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	10/21/2019	10/25/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	10/21/2019	10/25/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	10/21/2019	10/25/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	

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

## Diablo Canyon

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EP PROGRAM INSPECTION</b>						1
1, 2	10/21/2019	10/25/2019	IP 71151	001397	Performance Indicator Verification	
<b>DIABLO CANYON HEAT SINK INSPECTION</b>						2
1, 2	12/16/2019	12/20/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>DC 2020 INITIAL EXAM</b>						5
1, 2	01/26/2020	02/01/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	02/23/2020	02/29/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>Diablo Canyon 1, 2 - Evaluations of Changes, Tests, and Experiments</b>						3
1, 2	03/09/2020	03/13/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>TI 2515/194</b>						0
1, 2	03/15/2020	03/21/2020	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)	
<b>Cyber Security Inspection</b>						2
1, 2	04/27/2020	05/01/2020	IP 71130.10P	000741	Cyber Security	
1, 2	05/11/2020	05/15/2020	IP 71130.10P	000741	Cyber Security	
<b>Diablo Canyon 1, 2 - Heat Sink Performance (Triennial)</b>						2
1, 2	07/20/2020	07/24/2020	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>BIENNIAL PI&amp;R</b>						4
1, 2	08/17/2020	08/21/2020	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/31/2020	09/04/2020	IP 71152B	000747	Problem Identification and Resolution	
<b>RS5678 Radiation Safety PS Team</b>						4
1, 2	08/24/2020	08/28/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	08/24/2020	08/28/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	08/24/2020	08/28/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	08/24/2020	08/28/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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

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## Diablo Canyon

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>MC&amp;A - Material Control &amp; Accounting</b>						1
1, 2	08/24/2020	08/28/2020	IP 71130.11	000742	Material Control and Accounting (MC&A)	
<b>EP Exercise and PI Inspection</b>						4
1, 2	08/31/2020	09/04/2020	IP 71114.01	000716	Exercise Evaluation	
1, 2	08/31/2020	09/04/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	08/31/2020	09/04/2020	IP 71151	001397	Performance Indicator Verification	
<b>RS13PI Radiation Safety</b>						2
1, 2	10/19/2020	10/23/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/19/2020	10/23/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
<b>DC 2021 INITIAL EXAM</b>						8
1, 2	12/13/2020	12/19/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	

ANNUAL ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT, UNITS 1 AND 2  
(REPORT 05000275/2018006 AND 05000323/2018006) - March 4, 2019

**Distribution:**

SMorris, RA  
 MShaffer, DRA  
 CMiller, NRR  
 BDickson, NRR  
 CErlanger, NRR  
 KBrock, NRR  
 AVeget, DRP  
 RLantz, DRS  
 MScott, NSIR/DPR  
 DCurtis, NSIR/DSO  
 MHay, DRP  
 GMiller, DRS  
 DCylkowski, RC  
 MMcCoppin, RIV/OEDO  
 VDricks, ORA  
 JWeil, OCA  
 BSingal, NRR  
 AMoreno, RIV/CAO  
 BMaier, RSLO  
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 MHaire, DRP  
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 AAthar, DRP  
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 CNewport, DRP  
 JReynoso, DRP  
 MArel, DRP  
 PJayroe, IPAT  
 MHerrera, DRMA  
 R4Enforcement  
 DRP Branch Chiefs  
 DRS Branch Chiefs  
 ROP Reports Resource  
 ROP Assessment Resource

Electronic Distribution for Diablo Canyon Power Plant

**ADAMS ACCESSION NUMBER: ML19058A173**

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

OFFICE	DRP/SPE:A	DRP/C:A				
NAME	RAlexander	MHaire				
SIGNATURE	/RA/	/RA/				
DATE	2/19/19	3/4/19				

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