



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

September 2, 2014

Mr. Edward D. Halpin
Senior Vice President and
Chief Nuclear Officer
Pacific Gas and Electric Company
Diablo Canyon Power Plant
P.O. Box 56, Mail Code 104/6
Avila Beach, CA 93424

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT,
UNITS 1 AND 2 (REPORT 05000275/2014006 AND 05000323/2014006)

Dear Mr. Halpin:

On August 12, 2014, the NRC completed its mid-cycle performance review of the Diablo Canyon Power Plant, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2013 through June 30, 2014. This letter informs you of the NRC's assessment of the Diablo Canyon Power Plant, Units 1 and 2 during this period and its plans for future inspections at your facility.

The NRC determined that overall, the Diablo Canyon Power Plant, Units 1 and 2 was operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at the Diablo Canyon Power Plant, Units 1 and 2, during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

Although plant performance was within the Licensee Response Column, the NRC is still reviewing unresolved item URI 05000275/2013005-01; 05000323/2013005-01, "Procedures for Recommending Protective Actions for Members of the Public on the Pacific Ocean." The final safety significance determination associated with any findings may affect the NRC's assessment of plant performance and the enclosed inspection plan.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 reflect this revision to Inspection Manual Chapter (IMC) 0310. Cross-cutting aspects identified in 2013 using the 2013 terminology were converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through December 31, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events," which requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," which requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. This audit includes an onsite component in order for the NRC to evaluate licensee plans for complying with the Orders, as described in site-specific submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is being coordinated with your staff. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

In accordance with 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/

Wayne C. Walker
Chief, Reactor Projects Branch A
Division of Reactor Projects

Docket Nos.: 50-275; 50-323
License Nos.: DPR-80; DPR-82

Enclosure: Diablo Canyon Power Plant, Units 1 and 2 Inspection/Activity Plan

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DISTRIBUTION: See next page

ADAMS ACCESSION NUMBER: ML14239A280

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DATE	8/22/14	8/25/14	8/22/14				

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Letter to Edward D. Halpin from Wayne C. Walker dated September 2, 2014

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR DIABLO CANYON POWER PLANT,
UNITS 1 AND 2 (REPORT 05000275/2014006 AND 05000323/2014006)

DISTRIBUTION:

Regional Administrator (Marc.Dapas@nrc.gov)
Deputy Regional Administrator (Kriss.Kennedy@nrc.gov)
Acting DRP Director (Troy.Pruett@nrc.gov)
Acting DRP Deputy Director (Michael.Hay@nrc.gov)
DRS Director (Anton.Vegel@nrc.gov)
DRS Deputy Director (Jeff.Clark@nrc.gov)
Senior Resident Inspector (Thomas.Hipschman@nrc.gov)
Resident Inspector (John.Reynoso@nrc.gov)
Administrative Assistant (Madeleine.Ariel-Davis@nrc.gov)
Branch Chief (Wayne.Walker@nrc.gov)
Senior Project Engineer (Ryan.Alexander@nrc.gov)
Acting Senior Project Engineer (Theresa.Buchanan@nrc.gov)
Project Engineer (Brian.Cummings@nrc.gov)
Public Affairs Officer (Victor.Dricks@nrc.gov)
Public Affairs Officer (Lara.Uselding@nrc.gov)
RIV State Liaison Officer (Bill.Maier@nrc.gov)
Project Manager (Balwant.Singal@nrc.gov)
Branch Chief, DRS/TSB (Geoffrey.Miller@nrc.gov)
R4DRPBC@nrc.gov
R4DRSBC@nrc.gov
Director, DIRS, NRR (Scott.Morris@nrc.gov)
Deputy Director, DIRS, NRR (Allen.Howe@nrc.gov)
Acting Director, DORL, NRR (Louise.Lund@nrc.gov)
Acting Deputy Director, DORL (Michael.Markley@nrc.gov)
Director, NSIR/DPR (Rob.Lewis@nrc.gov)
Chief, PLB IV, DORL, NRR (Eric.Oesterle@nrc.gov)
Regional Counsel (Karla.Fuller@nrc.gov)
RITS Coordinator (Marisa.Herrera@nrc.gov)
Technical Support Assistant (Loretta.Williams@nrc.gov)
Congressional Affairs Officer (Jenny.Weil@nrc.gov)
RIV/ETA: OEDO (Anthony.Bowers@nrc.gov)
ROPassessment Resource@nrc.gov
ROPreports@nrc.gov
OEMail Resource@nrc.gov

Electronic Distribution for Diablo Canyon Power Plant

Diablo Canyon
Inspection / Activity Plan
09/01/2014 - 12/31/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End				
			TSB 52B - BIENNIAL PI&R		4
1, 2	09/08/2014	09/12/2014	IP 71152B	Problem Identification and Resolution	
			RS 12 PI - RADIATION SAFETY		2
1, 2	10/06/2014	10/10/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/06/2014	10/10/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	10/06/2014	10/10/2014	IP 71151-OR01		
1, 2	10/06/2014	10/10/2014	IP 71151-PR01		
			71111.08 - DIABLO 2R18 INSERVICE INSPECTION		1
2	10/06/2014	10/17/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			INSP - OPERATOR REQUAL INSPECTION		3
1, 2	05/18/2015	05/22/2015	IP 7111111B	Licensed Operator Requalification Program	
			EP-1 - BIENNIAL EP PROGRAM INSPECTION		1
1, 2	07/20/2015	07/24/2015	IP 7111402	Alert and Notification System Testing	
1, 2	07/20/2015	07/24/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	07/20/2015	07/24/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	07/20/2015	07/24/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			EP-2 - EP PERFORMANCE INDICATORS		1
1, 2	07/20/2015	07/24/2015	IP 71151-EP01		
1, 2	07/20/2015	07/24/2015	IP 71151-EP02		
1, 2	07/20/2015	07/24/2015	IP 71151-EP03		
			RS 24 - RADIATION SAFETY		2
1, 2	08/03/2015	08/07/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	08/03/2015	08/07/2015	IP 71124.04	Occupational Dose Assessment	
			ISFSI - ROUTINE INSPECITON (1 WEEK IN THE MONTH)		1
1, 2	09/01/2015	09/30/2015	IP 60855	Operation Of An ISFSI	
			RS 13 PI - RADIATION SAFETY		2
1, 2	10/12/2015	10/16/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/12/2015	10/16/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/12/2015	10/16/2015	IP 71151-OR01		
1, 2	10/12/2015	10/16/2015	IP 71151-PR01		
			71111.08 - INSERVICE INSPECTION 1R19		1
1	10/12/2015	10/23/2015	IP 7111108P	Inservice Inspection Activities - PWR	

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