



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

September 3, 2013

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 05000275/2013006 AND 05000323/2013006)

Dear Mr. Halpin:

On August 13, 2013, the NRC completed its mid-cycle performance review of 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, 2012, through June 30, 2013. 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 determined the performance at 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.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. 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.

E. Halpin

- 2 -

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) 200-1141 with any questions you have regarding this letter.

Sincerely,

/RA/

Neil O'Keefe, Chief
Project 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

Electronic Distribution by RIV:

Acting Regional Administrator (Steven.Reynolds@nrc.gov)
 Acting Deputy Regional Administrator (Thomas.Bergman@nrc.gov)
 DRP Director (Kriss.Kennedy@nrc.gov)
 DRP Deputy Director (Troy.Pruett@nrc.gov)
 DRS Director (Thomas.Blount@nrc.gov)
 DRS Deputy Director (Jeff.Clark@nrc.gov)
 Senior Resident Inspector (Tom.Hipschman@nrc.gov)
 Resident Inspector (Laura.Miceweski@nrc.gov)
 Branch Chief / B (Neil.O'Keefe@nrc.gov)
 Senior Project Engineer (Michael.Bloodgood@nrc.gov)
 Project Engineer (Megan.Williams@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Public Affairs Officer (Lara.Uselding@nrc.gov)
 Regional State Liaison Officer (Bill.Maier@nrc.gov)
 Congressional Affairs Officer (Jenny.Weil@nrc.gov)
 R4DRP Branch Chiefs (R4DRP-BC@nrc.gov)
 R4DRS Branch Chiefs (R4DRS-BC@nrc.gov)
 Director, DIRS, NRR (Ho.Nieh@nrc.gov)
 Deputy Director, DIRS NRR (Allen.Howe@nrc.gov)
 Director, DORL, NRR (Michelle.Evans@nrc.gov)
 Deputy Director, DORL, NRR (Louise.Lund@nrc.gov)
 Chief, PLB IV, DORL, NRR (Michael.Markley@nrc.gov)
 NRR Project Manager (Jennivine.Rankin@nrc.gov)
 Regional Counsel (Karla.Fuller@nrc.gov)
 RIV/ETA: OEDO (Vivian.Campbell@nrc.gov)
 ACES (R4Enforcement@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
 Technical Assistant (Loretta.Williams@nrc.gov)
 RidsNrrDirslpabResource@nrc.gov
 ROPAssessment.Resource@nrc.gov
 ROPreports@nrc.gov

R:_Reactors\Midcycle Assessment Letters 2013.pdf

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	NFO
Publicly Avail.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	NFO
RIV:BC/B	RIV:DRS/D	RIV:DRP/DD	RIV: DRP/D		
NOKeefe	TBlount	TPruett	KKennedy		
/RA/	/RA/	/RA/	/RA/		
8/28/13	8/28/13	8/28/13	8/29/13		

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

Diablo Canyon
Inspection / Activity Plan
09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EXAM - INITIAL OPERATOR EXAM		4
1, 2	07/14/2014	07/18/2014	X02532	INITIAL EXAM- DIABLO CANYON UNIT 1 (12/30/14)	
2	07/14/2014	07/18/2014	X02533	INITIAL EXAM DIABLO CANYON UNIT 2 (12/30/14)	
1	08/11/2014	08/15/2014	X02532	INITIAL EXAM- DIABLO CANYON UNIT 1 (12/30/14)	
2	08/11/2014	08/15/2014	X02533	INITIAL EXAM DIABLO CANYON UNIT 2 (12/30/14)	
			EB1-07T - TRIENNIAL HEAT SINK INSPECTION		2
1, 2	09/09/2013	09/13/2013	IP 7111107T	Heat Sink Performance	
			EP-2 - PI VERIFICATION - EP		1
1, 2	11/18/2013	11/22/2013	IP 71151-EP01	Drill/Exercise Performance	
1, 2	11/18/2013	11/22/2013	IP 71151-EP02	ERO Drill Participation	
1, 2	11/18/2013	11/22/2013	IP 71151-EP03	Alert & Notification System	
			EP1 - BIENNIAL PROGRAM INSPECTION		1
1, 2	11/18/2013	11/22/2013	IP 7111402	Alert and Notification System Testing	
1, 2	11/18/2013	11/22/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	11/18/2013	11/22/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
			71111.08 - DIABLO 1R18 INSERVICE INSPECTION		1
1	02/10/2014	02/21/2014	IP 7111108P	Inservice Inspection Activities - PWR	
			EP-2 - EXERCISE SCENARIO REVIEW		2
1, 2	03/10/2014	04/19/2014	IP 7111408	Exercise Evaluation - Scenario Review	
			EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59		3
1, 2	05/05/2014	05/16/2014	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			EP-1 - EP PERFORMANCE INDICATOR		1
1, 2	05/19/2014	05/23/2014	IP 71151-EP01	Drill/Exercise Performance	
1, 2	05/19/2014	05/23/2014	IP 71151-EP02	ERO Drill Participation	
1, 2	05/19/2014	05/23/2014	IP 71151-EP03	Alert & Notification System	
			EP-3 - BIENNIAL EXERCISE INSPECTION HAB		5
1, 2	05/19/2014	05/23/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
			RS5678 - RADIATION PROTECTION - PUBLIC SAFETY		5
1, 2	07/07/2014	07/11/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	07/07/2014	07/11/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/07/2014	07/11/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	07/07/2014	07/11/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			TSB 52B - BIENNIAL PI&R		4
1, 2	08/25/2014	08/29/2014	IP 71152B	Problem Identification and Resolution	

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

Diablo Canyon
 Inspection / Activity Plan
 09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2	09/08/2014	09/12/2014	TSB 52B - BIENNIAL PI&R IP 71152B	Problem Identification and Resolution	4
1, 2	10/06/2014	10/10/2014	RS12 - RADIATION SAFETY IP 71124.01	Radiological Hazard Assessment and Exposure Controls	3
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	Occupational Exposure Control Effectiveness	
1, 2	10/06/2014	10/10/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
2	10/06/2014	10/17/2014	71111.08 - DIABLO 2R18 INSERVICE INSPECTION IP 7111108P	Inservice Inspection Activities - PWR	1

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