

UNITED STATES NUCLEAR REGULATORY COMMISSION REGION IV 611 RYAN PLAZA DRIVE, SUITE 400 ARLINGTON, TEXAS 76011-4005

August 31, 2006

John S. Keenan Senior Vice President - Generation and Chief Nuclear Officer Pacific Gas and Electric Company P.O. Box 770000 Mail Code B32 San Francisco, CA 94177-0001

SUBJECT: MIDCYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - DIABLO CANYON POWER PLANT

Dear Mr. Keenan:

On August 10, 2006, the NRC staff completed its performance review of Diablo Canyon Power Plant for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators for the most recent quarter and inspection results over the previous 12 months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Official Use Only - Security-Related Information" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter at Diablo Canyon Power Plant Units 1 and 2 was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, except those related to physical protection, scheduled through March 31, 2008. In addition to baseline inspections, we plan to conduct the temporary instructions identified in the inspection plan. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the annual performance assessment review.

Pacific Gas and Electric Company

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8141 with any questions you may have regarding this letter or the inspection plan.

- 2 -

Sincerely.

William B. Jones/Chief Project Branch B Division of Reactor Projects

Dockets: 50-275 50-323 Licenses: DPR-80 DPR-82

Enclosure: Diablo Canyon Inspection/Activity Plan

cc w/enclosure: Donna Jacobs Vice President, Nuclear Services Diablo Canyon Power Plant P.O. Box 56 Avila Beach, CA 93424

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Institute of Nuclear Power Operations (INPO) Records Center 700 Galleria Parkway SE, Suite 100 Atlanta, GA 30339 Electronic distribution by RIV: Regional Administrator (BSM1) DRP Director (ATH) DRS Director (DDC) DRS Deputy Director (RJC1) Senior Resident Inspector (TWJ) Branch Chief, DRP/B (WBJ) Senior Project Engineer, DRP/E (FLB2) Team Leader, DRP/TSS (RLN1) RITS Coordinator (KEG) RidsNrrDirsIpab@nrc.gov V. Dricks, PAO (VLD) W. Maier, RSLO (WAM) C. Gordon (CJG) DRS Branch Chiefs (JAC, ATG, LJS, MPS1) B. Wetzel, Chief, TRPS, OEDO (BAW) S. Richards, Deputy Director, DIRS, NRR (SAR) C. Holden, Deputy Director, DORL, NRR (CFH) C. Haney, Director, DORL, NRR (CXH) D. Terao, Chief, LPLG, DORL, NRR (DXT) A. Wang, NRR Project Manager for DC (ABW)

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Diablo Canyon

Inspection / Activity Plan 07/01/2006 - 03/31/2008

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X02327 DIABLO CANYON UNIT 2 INITIAL EXAM (3/5/07) 03/19/2007 REQUAL - BIENNIAL REQUALIFICATION 2 IP 711111B Licensed Operator Requalification Program 03/26/2007	-		DIABLO CANYON UNIT 1 INITAL EXAM (3/5/07)		03/19/2007	03/23/2007	Not Applicable
REQUAL - BIENNIAL REQUALIFICATION IP 711111B Licensed Operator Requalification Program 03/26/2007	7	72	DIABLO CANYON UNIT 2 INITIAL EXAM (3/5/07)		03/19/2007	03/23/2007	Not Applicable
IP 7111111B Licensed Operator Requalification Program 03/26/2007		- BIENNI	AL REQUALIFICATION				
	1,2		Licensed Operator Requalification Program		03/26/2007	03/30/2007	Baseline Inspections

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

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Number

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Unit

Diablo Canyon spection / Activity P

13:24:43	Inspection / Activity Plan				
	07/01/2006 - 03/31/2008				
		No. of Staff	Planned Dates	I Dates	KONTAC
Inspection Activity	ctivity a	on Site	Start	End	
RP-ORS	ATION	-			
IP 7112101	Access Control to Radiologically Significant Areas		04/30/2007	04/30/2007 05/04/2007 Ba	Ba
IP 7112102	ALARA Planning and Controls		04/30/2007	05/04/2007	Ba
IP 71151	Performance Indicator Verification		04/30/2007	05/04/2007	Ba
EP2	- EP PROGRAM	÷			
IP 7111402	Alert and Notification System Testing		07/16/2007	07/20/2007	Ba
IP 7111403	Emergency Response Organization Augmentation Testing		07/16/2007	07/20/2007 Ba	Ba
IP 7111404	Emergency Action Level and Emergency Plan Changes		07/16/2007	07/20/2007	Ba
IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/16/2007	07/20/2007 Ba	Ba
IP 71151	Performance Indicator Verification		07/16/2007	07/20/2007	Ba

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Inspection Type

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Access Control to Radiologically Significant Areas

- OCCUPATIONAL RADIATION SAFETY

Permanent Plant Modifications

IP 7111102 IP 7111117B

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IP 7112101 IP 7112102

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RP-ORS

Identification and Resolution of Problems Identification and Resolution of Problems

IP 71152B IP 71152B

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IP 71151

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EB2-52B

Performance Indicator Verification

- BIENNIAL PI&R INSPECTION

ALARA Planning and Controls

Evaluation of Changes, Tests, or Experiments

- 50.59 & PERMANENT PLANT MODS

EB02/17

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1, 2 1, 2 04/04/2008 Baseline Inspections

03/31/2008