



**Pacific Gas and
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March 27, 2007

PG&E Letter DCL-07-037

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1

Supplement to Request for Extension of Completion Date for Unit 1 Corrective
Actions and Modifications Required by Generic Letter 2004-02, "Potential Impact of
Debris Blockage on Emergency Recirculation During Design Basis Accidents at
Pressurized-Water Reactors"

References: 1. PG&E Letter DCL-07-018, Request for Extension of Completion
Date for Unit 1 Corrective Actions and Modifications Required by
Generic Letter 2004-02, "Potential Impact of Debris Blockage on
Emergency Recirculation During Design Basis Accidents at
Pressurized-Water Reactors," February 22, 2007

By letter dated February 22, 2007 (Reference 1), PG&E requested that the date for
completing all corrective actions and modifications required by GL 2004-02 for
Diablo Canyon Power Plant (DCPP) Unit 1 be extended to the Unit 1 steam
generator (SG) replacement outage, currently scheduled to start January 26, 2009.

As discussed with the NRC staff during a telephone call on March 23, 2007, PG&E
affirms that Unit 1 currently meets, and will continue to meet during the period of the
requested extension, the current licensing basis as described in the Units 1 and 2
DCPP Final Safety Analysis Report Update (FSAR), specifically Section 6.2.3.3.8,
"Evaluation of Insulation and Other Debris Affecting Recirculation Sump Availability
Following a LOCA." The acceptability of the current recirculation sump screen is
based upon a determination of the pressure differential across the screen to assure
residual heat removal (RHR) pump net positive suction head requirements are
adequate and the required RHR flow rate is supported by the available flow area for
all postulated break sizes. The evaluation utilizes debris generation and debris
transport assumptions supported by industry information available prior to issuance
of GL 2004-02. This section of the FSAR credits locked doors located along the
crane wall and low flow velocity to inhibit the transport of conventional insulation,
calcium silicate, and reflective insulation. A percentage of the fibrous debris is
transported to the sump where it is assumed to deposit evenly over the recirculation
sump screen. Paint chip debris is assumed to accumulate at the base of the screen
reducing the amount of available screen area. The compensatory measures and



plant modifications discussed in our February 22, 2007, letter provide additional margin in meeting our current licensing basis.

PG&E makes no regulatory commitments (as defined by NEI 99 04) in this letter. This letter includes no revisions to existing regulatory commitments.

If you have any questions or require additional information, please contact Stan Ketelsen at 805-545-4720.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on March 27, 2007.

Sincerely,

James R. Becker
Vice President Diablo Canyon Operations and Station Director

tcg/4231

cc: Edgar Bailey, DHS
Terry W. Jackson
Bruce S. Mallett
Alan B. Wang
Diablo Distribution