

DiabloCanyonNPEM Resource

From: Grebel, Terence [TLG1@pge.com]
Sent: Tuesday, November 22, 2011 9:49 AM
To: Ferrer, Nathaniel
Subject: FW: NRC Submittal DCL-11-122, "Revision to the Unit 1 Reactor Vessel Material Surveillance Program Withdrawal Schedule"
Attachments: DCL-11-122cl.pdf
Follow Up Flag: Follow up
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Nate:

We will include this as part of next year's annual update in accordance with 10 CFR 54.21b.

From: Reneau, Mary
Sent: Monday, November 21, 2011 4:29 PM
To: dcupdate@certrec.com; DCPD Licensing Basis Verification Project (LBVP); DCPD BASES DD; DCPD RS *Regulatory Services; dsneed@thetribunenews.com; Janeslo@kcbx.net; ronaldbarnes@aps.com; fmadden1@txu.com; awharrison@stpegs.com; smaglio@ameren.com; linda.cocklin@sce.com; dihoope@wcnoc.com
Subject: NRC Submittal DCL-11-122, "Revision to the Unit 1 Reactor Vessel Material Surveillance Program Withdrawal Schedule"

The electronic file of the following letter that was recently sent to the Nuclear Regulatory Commission is attached to this e-mail and is being routed for your information.

PG&E Letter DCL-11-122, "Revision to the Unit 1 Reactor Vessel Material Surveillance Program Withdrawal Schedule"

Signed by: James R. Becker – Site Vice President

For a complete set of attachments, please contact Regulatory Services (104/536), or EDMS under the following path:

NPG Library:/Licensing Bases - DCPD/NRC Outgoing Correspondence DCPD/2011 Submittals DCPD/DCL-11-122.

If you do not wish to receive further e-mails such as this, please return this e-mail with your request.

Thank you,

Mary Reneau

PG&E / Diablo Canyon / Regulatory Services /104/5/536B /Phone 805-545-4397 / Fax 805-545-3459

Hearing Identifier: DiabloCanyon_LicenseRenewal_NonPublic
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Subject: FW: NRC Submittal DCL-11-122, "Revision to the Unit 1 Reactor Vessel Material Surveillance Program Withdrawal Schedule"
Sent Date: 11/22/2011 9:49:05 AM
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From: Grebel, Terence

Created By: TLG1@pge.com

Recipients:
"Ferrer, Nathaniel" <Nathaniel.Ferrer@nrc.gov>
Tracking Status: None

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DCL-11-122cl.pdf	1576522	

Options
Priority: Standard
Return Notification: No
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Recipients Received: Follow up



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November 21, 2011

PG&E Letter DCL-11-122

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

10 CFR 50, App. H

Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1
Revision to the Unit 1 Reactor Vessel Material Surveillance Program Withdrawal
Schedule

Dear Commissioners and Staff:

Pursuant to 10 CFR 50, Appendix H, Section III.B.3, Pacific Gas and Electric Company (PG&E) hereby requests approval for a revision to the Unit 1 reactor vessel material surveillance program withdrawal schedule.

The Unit 1 reactor material surveillance program withdrawal schedule is provided in the Diablo Canyon Power Plant (DCPP) Final Safety Analysis Report Update (FSARU) Table 5.2-22 and in the DCPP License Renewal Application (LRA), Appendix B2.1.15, Reactor Vessel Surveillance Aging Management Program. The NRC approved withdrawal schedule for Capsule B is during the Unit 1 Seventeenth Refueling Outage (1R17) and is cited in the Safety Evaluation Report Related to the License Renewal of Diablo Canyon Nuclear Power Plant. DCPP is currently operating in Cycle 17 and 1R17 is scheduled for May 2012.

EPRI MRP-326, Draft E, "Materials Reliability Program: Coordinated PWR Reactor Vessel Surveillance Program, (CRVSP)", has recommended that Diablo Canyon Unit 1 delay the removal and testing of Capsule B until approximately twice the 60-year fluence. This is estimated to occur during the Unit 1 Twenty Third Refueling Outage (1R23), which is scheduled for May 2022. The recommended delay has been proposed to support data acquisition for the EPRI CRVSP.

Therefore, PG&E requests revision to the Unit 1 reactor vessel material surveillance program withdrawal schedule to allow withdrawal of Capsule B during 1R23.

DCPP has withdrawn and tested three capsules from Unit 1 that meet the three recommendations of ASTM E 185-70 and the approved supplemental surveillance capsule withdrawal changes listed in NRC staff Safety Evaluation dated September 4, 1992. The withdrawal and testing of Capsule V during the Unit 1 Eleventh Refueling Outage fulfilled the third and final recommendation of



ASTM E 185-70 for the current DCPD Unit 1 operating license. Therefore, the proposed delayed removal of Capsule B does not deviate from DCPD's current reactor vessel materials surveillance program requirements. DCPD installed the Unit 1 Capsule B in the vessel in the Unit 1 Fifth Refueling Outage at a vessel exposure of 5.86 effective full power years (EFPY). The change in withdrawal schedule allows Capsule B to be withdrawn at a fluence of approximately 93.9 EFPY for the reactor pressure vessel. This will provide reactor pressure vessel fluence data for the period of extended operation for license renewal.

Enclosure 1 provides a description and assessment of the proposed change to the reactor vessel material surveillance program withdrawal schedule. Enclosure 2 provides a mark-up of the affected DCPD FSARU page. If the request to defer is approved, the DCPD LRA will be updated in the 2012 annual update, in accordance with 10 CFR 54.21(b).

To support implementation of the revised withdrawal schedule, PG&E requests approval of this proposed change by December 31, 2011. The request for fast turnaround is to assure that PG&E will have adequate time to mobilize the required special resources and to secure support for machining, repair, and replacement of the stuck cap on the Unit 1 surveillance coupon "B" if the request to defer is denied.

PG&E makes commitments to revise DCPD FSARU Table 5.2-22 to incorporate the change within 60 days of the NRC approval and update the DCPD LRA in the 2012 annual update upon staff approval of this deferral.

If you have any questions, please contact Mr. Tom Baldwin at (805) 545-4720.

Sincerely,

James R. Becker
Site Vice President

rntt/4231

Enclosures

cc: Diablo Distribution
cc/enc: Elmo E. Collins, NRC Regional Administrator, Region IV
Nathaniel B. Ferrer, NRC Project Manager, License Renewal
Michael S. Peck, NRC Senior Resident Inspector
Alan B. Wang, NRC Project Manager, Nuclear Reactor Regulation