

From: Wang, Alan
Sent: Monday, May 17, 2010 1:05 PM
To: 'Baldwin, Thomas (DCPP)'; 'Larry Parker'; 'Ken Schrader'
Cc: Lent, Susan; Burkhardt, Janet
Subject: Acceptance Review for Diablo Canyon, Units 1 & 2, Review of Topical Report, Process Protection System Replacement Diversity & Defense-in-Depth Assessment (ME3732 and ME3733)

Tom and Larry:

By letter dated [April 9, 2010](#) (ADAMS Accession Number [ML101100646](#)) with the publicly available [Topical Report](#) (ADAMS Accession Number [ML101100647](#)), Pacific Gas and Electric Company (PG&E) requested an [approval of the topical report](#), "Process Protection System Replacement Diversity & Defense-in-Depth Assessment," Revision 0 [for the use for the Diablo Canyon Power Plant, Unit Nos. 1 and 2 \(DCPP\)](#). The proposed [topical report](#) will support PG&E's proposed replacement of the DCPD Eagle 21TM reactor trip system (RTS) and engineered safety features actuation system (ESFAS) in 2014 with a digital based instrumentation and control (I&C) replacement. The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

[Pursuant to](#) NRC Standard Review Plan Branch Technical Position 7-19, "Guidance for Evaluation of Diversity and Defense-in-Depth In Digital Computer-Based Instrumentation and Control System,," Revision 5, dated March 2007, the licensee requests approval of the enclosed DCPD Topical Report

The NRC staff has determined that the Topical Report "Process Protection System Replacement Diversity & Defense-in-Depth Assessment" does provide technical information in sufficient detail to enable the NRC staff to proceed with its detailed technical review and make an independent assessment regarding the acceptability of PGE's request in terms of regulatory requirements and the protection of public health and safety and the environment. If additional information is needed for the staff to complete its technical review, you will be advised by separate correspondence.

If you have any questions, please contact me at (301) 415-1445.

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E-mail Properties

Mail Envelope Properties (C0A338EE37A11447B136119705BF9A3F65521E1CE0)

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Sent Date: 5/17/2010 1:05:00 PM

Received Date: 5/17/2010 1:05:00 PM

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Files	Size	Date & Time
MESSAGE	11260	5/17/2010

Options

Expiration Date:

Priority: olImportanceNormal

ReplyRequested: False

Return Notification: False

Sensitivity: olNormal

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