



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 7, 2015

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: SUMMARY OF THE SEVERE ACCIDENTS MITIGATION ALTERNATIVES SITE
AUDIT RELATED TO THE ENVIRONMENTAL REVIEW OF THE DIABLO
CANYON POWER PLANT, UNITS 1 AND 2, LICENSE RENEWAL
APPLICATION (TAC NOS. MF4019 AND MF4020)

Dear Mr. Halpin:

On September 21-23, 2015, a review team consisting of staff from the U.S. Nuclear Regulatory Commission (NRC) and contractors from the Pacific Northwest National Laboratory participated in a site audit in San Luis Obispo, California, related to the severe accidents mitigation alternatives (SAMA) environmental review of the Diablo Canyon Power Plant (DCPP), Units 1 and 2, license renewal application. The primary goal of the site visit was to review documentation and gather information to ensure that the environmental requirements for license renewal, as codified in Title 10 of the *Code of Federal Regulations* Part 51 were met, in accordance with the issued audit plan (ML15233A518). The enclosure is a list of representatives from NRC and personnel from Pacific Gas and Electric (PG&E) and its contractors who participated in the site audit.

The audit began on September 21, 2015, with an entrance meeting to introduce participants and discuss logistics of the audit. Following the entrance meeting, the NRC environmental review team and PG&E discussed the following topics relative to the SAMA analysis: (1) Level 1 Probabilistic Risk Assessment (PRA), (2) Level 2 model PRA, (3) external events, (4) Level 3 consequence analysis, (5) SAMA identification and screening, (6) cost-benefit analysis, and (7) consideration of potentially lower cost alternative SAMAs.

During the exit meeting at the conclusion of the site audit, the NRC environmental review team summarized the status of the review with PG&E. Most of the team's questions identified in the audit plan or during the audit were answered through the conduct of the audit.

E. Halpin

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NRC staff is preparing requests for additional information (RAIs), which will be issued in a subsequent letter. While the NRC review team did not identify any significant environmental issues during its site audit, the environmental review of the DCPD license renewal application is ongoing, and thus, any additional information necessary to support the review would be formally requested via the RAI process.

Sincerely,

/RA/

Michael J. Wentzel, Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-275 and 50-323

Enclosure:
As stated

cc w/encl: Listserv

E. Halpin

- 2 -

NRC staff is preparing requests for additional information (RAIs), which will be issued in a subsequent letter. While the NRC review team did not identify any significant environmental issues during its site audit, the environmental review of the DCP license renewal application is ongoing, and thus, any additional information necessary to support the review would be formally requested via the RAI process.

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Michael J. Wentzel, Project Manager
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DISTRIBUTION: See next page

ADAMS Accession No.: ML15275A094

*concurrence via email

OFFICE	LA:DLR*	PM:RPB2:DLR	BC:RPB2:DLR	PM:RPB2:DLR
NAME	IBetts	MWentzel	JDanna	MWentzel
DATE	10/ 5 /15	10/ 6 /15	10/ 7 /15	10/ 7 /15

OFFICIAL RECORD COPY

Letter from M. Wentzel to E. Halpin dated October 7, 2015

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**LIST OF PARTICIPANTS
DIABLO CANYON POWER PLANT, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION ENVIRONMENTAL REVIEW
SEVERE ACCIDENTS MITIGATION ALTERNATIVES SITE AUDIT**

September 21-23, 2015

PARTICIPANTS

ORGANIZATION

Jerry Dozier	U.S. Nuclear Regulatory Commission (NRC)
Michael Wentzel	NRC
Bruce Schmitt	Pacific Northwest National Laboratory (PNNL)
Bob Schmidt	PNNL
Nathan Barker	Pacific Gas and Electric (PG&E)
Al Bates	PG&E
Terry Grebel	PG&E
Tom Jones	PG&E
Dave Miklash	PG&E
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