



**Pacific Gas and
Electric Company®**

James M. Welsch
Vice President, Nuclear Generation

Diablo Canyon Power Plant
Mail Code 104/6
P. O. Box 56
Avila Beach, CA 93424
805.545.3242
Internal: 691.3242
Fax: 805.545.4884

January 18, 2017

PG&E Letter DCL-17-003

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

10 CFR 50.55a

Docket No. 50-275, OL-DPR-80
Diablo Canyon Power Plant (DCPP) Unit 1
Supplement 2: ASME Section XI Inservice Inspection Program Relief Request
NDE-RCS-SE-1R20 to Allow Use of Alternative Depth Sizing Criteria

Reference: 1. PG&E Letter DCL-16-115, "Supplement: ASME Section XI
Inservice Inspection Program Relief Request NDE-RCS-SE-1R20
to Allow Use of Alternative Depth Sizing Criteria," dated
November 10, 2016 (ADAMS Accession No. ML16315A335)

Dear Commissioners and Staff:

In Reference 1, Pacific Gas and Electric Company (PG&E) submitted a supplement for a relief request to allow the use of alternative depth sizing criteria. In Section 5 of Reference 1, it was stated that PG&E was in the vendor selection process at the time of that submittal. Therefore, references to vendor depth sizing root mean square error (RMSE) values were generic. Subsequent to the submittal of Reference 1, PG&E completed the vendor selection process and selected WesDyne to perform ultrasonic volumetric examination of the reactor coolant system dissimilar metal welds and associated safe-end to piping welds. This submittal supplements Reference 1. RMSE values associated with the procedure to be used for depth sizing by WesDyne are presented in the Enclosure.

PG&E makes no new or revised regulatory commitments (as defined by NEI 99-04) in this letter. If you have any questions or require additional information, please contact Mr. Hossein Hamzehee at (805) 545-4720.

Sincerely,



James M. Welsch



Document Control Desk
January 18, 2017
Page 2

PG&E Letter DCL-17-003

rntt/4231/50652488-17

Enclosure

cc: Diablo Distribution
cc/encl: Kriss M. Kennedy, NRC Region IV Administrator
Christopher W. Newport, NRC Senior Resident Inspector
Balwant K. Singal, NRC Senior Project Manager
State of California, Pressure Vessel Unit

**Supplement 2: ASME Section XI Inservice Inspection Program Relief Request
NDE-RCS-SE-1R20 to Allow Use of Alternative Depth Sizing Criteria
10 CFR 50.55a Relief Request NDE-RCS-SE-1R20**

Reference: 1. PG&E Letter DCL-16-115, "Supplement: ASME Section XI Inservice Inspection Program Relief Request NDE-RCS-SE-1R20 to Allow Use of Alternative Depth Sizing Criteria," dated November 10, 2016 (ADAMS Accession No. ML16315A335)

In Reference 1, Pacific Gas and Electric Company (PG&E) submitted a supplement for a relief request to allow the use of alternative depth sizing criteria. In Section 5 of Reference 1, it was stated that PG&E was in the vendor selection process at the time of that submittal. Therefore, references to vendor depth sizing root mean square error (RMSE) values were generic. Subsequent to the submittal of Reference 1, PG&E completed the vendor selection process and selected WesDyne to perform ultrasonic volumetric examination of the reactor coolant system dissimilar metal welds and associated safe-end to piping welds. RMSE values associated with the procedure to be used for depth sizing by WesDyne are presented below.

1. WesDyne RMSE Values

Examination of Dissimilar Metal Welds:

The RMSE value that is applicable to examination of dissimilar metal welds is 0.189 inches. This value is determined by Performance Demonstration Initiative (PDI) qualification applicable to WesDyne's examination of dissimilar metal welds with the equipment and procedures that will be used at Diablo Canyon Power Plant (DCPP) Unit 1.

Examination of Stainless Steel (Non-Dissimilar) Welds from the Inside Diameter (ID) Surface:

The RMSE value that is applicable to examination of stainless steel (non-dissimilar) welds from the ID surface is 0.245 inches. This value is determined by PDI qualification applicable to WesDyne's examination of stainless steel welds with the equipment and procedures that will be used at DCPP Unit 1.