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A. Edward Scherer
Director
Nuclear Regulatory Affairs

November 24, 2008

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

Subject: **Docket No. 50-362**
Ultrasonic Test Results Related to Inservice Inspection (ISI) Interval Relief Request ISI-3-27 for the Use of Structural Weld Overlay and Associated Alternative Repair Techniques
San Onofre Nuclear Generating Station, Unit 3

Reference: Letter from A. E. Scherer to the U. S. Nuclear Regulatory Commission dated November 12, 2008; Subject: Docket Nos. 50-361 and 50-362, Revision to Third Ten-Year Inservice Inspection (ISI) Interval Requests ISI-3-27 and ISI-3-28, Use of Structural Weld Overlay and Associated Alternative Repair Techniques, San Onofre Nuclear Generating Station, Units 2 and 3

Dear Sir or Madam:

The Reference 1 submittal proposed an alternative (ISI-3-27), in accordance with 10 CFR 50.55a(a)(3)(i), to the requirements of the American Society of Mechanical Engineers Code (ASME Code), Section XI, 1995 Edition, through 1996 Addenda, IWA-4000, for repair/replacement activities related to the performance of structural weld overlays on the San Onofre Nuclear Generating Station (SONGS) Units 2 and 3 pressurizer surge nozzle-to-safe-end welds and the adjacent stainless steel welds.

The Referenced submittal included a commitment to provide a report that summarizes the results of the final ultrasonic (UT) examination within fourteen days of completion of the final UT examination of the structural weld overlays on the SONGS Units 2 and 3 reactor coolant system hot leg surge nozzle to safe end weld, the reactor coolant system hot leg drain nozzle to safe end weld, the shutdown cooling system hot leg nozzle to safe end weld, and the adjacent stainless steel welds to the NRC.

In accordance with the Referenced commitment, Southern California Edison (SCE) is providing the summary of UT results of the structural weld overlay on the San Onofre Nuclear Generating Station Unit 3 welds identified in ISI-3-27.

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NRR

P.O. Box 128
San Clemente, CA 92674

After completing the full structural weld overlay, SCE performed the required UT examination. The UT examination was completed on November 13, 2008, with the following results.

1. Reactor Coolant System Hot Leg surge nozzle to safe end HSS dissimilar metal weld (ISI Designation Number 03-006-010) with Alloy 82/182 weld material subject to PWSCC. No suspected flaw indications were observed during the examination.

2. Reactor Coolant System Hot Leg surge nozzle adjacent stainless steel weld (ISI Designation Number 03-016-016) and adjacent pipe-to-elbow stainless steel weld (ISI Designation Number 03-016-015). No suspected flaw indications were observed during the examinations.

3. Reactor Coolant System Hot Leg drain nozzle to safe end HSS dissimilar metal weld (ISI Designation Number 03-006-011) with Alloy 82/182 weld material subject to PWSCC. No suspected flaw indications were observed during the examination.

4. Reactor Coolant System Hot Leg drain nozzle adjacent stainless steel weld (ISI Designation Number 03-030-010). No suspected flaw indications were observed during the examination.

5. Shutdown Cooling System Hot Leg nozzle to safe end HSS dissimilar metal weld (ISI Designation Number 03-007-009) with Alloy 82/182 weld material subject to PWSCC. No suspected flaw indications were observed during the examination.

6. Shutdown Cooling System Hot Leg nozzle adjacent stainless steel weld (ISI Designation Number 03-021-010). No suspected flaw indications were observed during the examination.

The structural weld overlays for the Unit 2 welds addressed in ISI-3-27 will be completed during the Cycle 15 Mid-Cycle outage, which is currently scheduled to begin in December 2008.

Should you have any questions, please contact Ms. Linda T. Conklin at 949-368-9443.

Sincerely,

cc: E. E. Collins, Regional Administrator, NRC Region IV
N. Kalyanam, NRC Project Manager, San Onofre Units 2 and 3
G. G. Warnick, NRC Senior Resident Inspector, San Onofre Units 2 and 3