

December 24, 2007

A. Edward Scherer
Director
Nuclear Regulatory Affairs

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

Subject: **Docket No. 50-361**
Ultrasonic Test Results Related to Inservice Inspection (ISI)
Interval Relief Request ISI-3-25 for the Use of Structural Weld Overlay
and Associated Alternative Repair Techniques
San Onofre Nuclear Generating Station, Unit 2

- References:
- 1) Letter from A. E. Scherer to the U. S. Nuclear Regulatory Commission dated July 14, 2006; Subject: Docket Nos. 50-361 and 50-362, Third Ten-Year Inservice Inspection (ISI) Interval Request ISI-3-25, Use of Structural Weld Overlay and Associated Alternative Repair Techniques, San Onofre Nuclear Generating Station, Units 2 and 3
 - 2) Letter from A. E. Scherer to the U. S. Nuclear Regulatory Commission dated October 23, 2006; Subject: Docket Nos. 50-361 and 50-362, Additional Information Supporting the Third Ten-Year Inservice Inspection (ISI) Interval Relief Requests ISI-3-24 and ISI-3-25 for the Use of Structural Weld Overlay and Associated Alternative Repair Techniques, San Onofre Nuclear Generating Station, Units 2 and 3
 - 3) Letter from A. E. Scherer to the U. S. Nuclear Regulatory Commission dated November 9, 2007; Subject: Docket No. 50-362, Ultrasonic Test Results Related to Inspection (ISI) Interval Relief Request ISI-3-25 for the Use of Structural Weld Overlay and Associated Alternative Repair Techniques, San Onofre Nuclear Generating Station, Unit 3

Dear Sir or Madam:

The Reference 1 submittal proposed an alternative (ISI-3-25), 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 Reference 2 submittal provided additional information in support of the proposed alternative and 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 pressurizer surge nozzle-to-safe-end welds and the adjacent stainless steel welds to the NRC.

In accordance with the Reference 2 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 2 pressurizer surge nozzle-to-safe-end weld and the adjacent stainless steel weld.

After completing the full structural weld overlay on the Unit 2 pressurizer surge nozzle-to-safe-end weld and the adjacent stainless steel weld, SCE performed the required UT examination. The UT examination was completed on December 13, 2007, with the following results.

1. Pressurizer S21201ME087 surge nozzle-to-safe-end HSS dissimilar metal weld (ISI Designation Number 02-005-031) - No suspected flaw indications, such as lack of bond, weld flaws, planar flaws, or laminar flaws, were observed during the examinations.
2. The adjacent Unit 2 Pressurizer S21201ME087 stainless steel weld (ISI Designation Number 02-016-001) - No suspected flaw indications, such as lack of bond, weld flaws, planar flaws, or laminar flaws, were observed during the examinations.

A structural weld overlay was performed on the Unit 3 pressurizer surge nozzle-to-safe-end weld and the adjacent stainless steel weld during the recently completed Unit 3 Cycle 14 Mid-Cycle outage. NDE results for this weld overlay were sent to the NRC by Reference 3.

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
C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 and 3