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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Docket No. 50-361 and 50-362
Special Report - Meteorological Instrumentation Status
San Onofre Nuclear Generating Station, Unit 2 and 3

Reference: Letter, W. C. Marsh (SCE) to U.S. NRC Document Control Desk, March 11, 1993

The referenced letter reported the inoperability of the secondary channel of delta temperature meteorological instrumentation. As described in the prior submittal, the cause of the inoperability had not been determined because of the intermittent nature of the failure. This letter supplements the prior report by providing the present status of the instrumentation, and the cause and corrective action for the instrumentation failure.

The secondary delta temperature instrument was returned to service on March 22, 1993 at 1228. The cause of the intermittent faulty indication was identified as an improper connection between the signal wire and a terminal connector lug. Inspection of the lug identified that it had been improperly crimped when originally installed. The terminal connector lug was replaced, correcting the discrepancy between the secondary and primary delta temperature indications. An inspection of the remaining terminal connectors on both channels of the delta temperature instrumentation found no other improper terminal connections.

During the period of inoperability of the secondary channel of delta temperature, the primary channel remained operable and provided accurate stability class data.

If you require any additional information, please let me know.

Sincerely,

Walter C. Marsh

cc: J. B. Martin, Regional Administrator, NRC Region V
M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2 & 3

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