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June 16, 1986

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Director, Office of Nuclear Reactor Regulation  
Attention: Mr. George E. Lear, Director  
PWR Project Directorate No. 1  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Gentlemen:

Subject: Docket No. 50-206  
Verification of Telecon Information  
San Onofre Nuclear Generating Station  
Unit 1

By letter dated May 28, 1986, the NRC staff requested that we review their documentation of the conference calls which were held on May 2 and 7, 1986 to obtain additional information regarding SCE actions in response to the Water Hammer Event of November 21, 1985. This review has been completed and our comments are provided in the enclosure.

If you have any questions or desire additional information, please contact me.

Very truly yours,

cc: Mr. J. B. Martin, Regional Administrator, NRC, Region V  
Mr. A. E. Chaffee, Regulatory Projects Branch, Region V  
Mr. Gary Zech, Office of Inspection and Enforcement  
Mr. F. R. Huey, NRC Senior Resident Inspector, SONGS  
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Enclosure

CHANGES TO REACTOR SYSTEM BRANCH QUESTIONS AND LICENSEE  
RESPONSES PERTINENT TO THE SONGS 1 WATER HAMMER EVENT  
OF NOVEMBER 21, 1985

1. Page 1, paragraph 2, change to read "Flournoy."
2. Page 2, paragraph 4, change to read "The design rated flow of the electrically driven AFW pump is 235 gpm, and that of the turbine driven AFW pump is 300 gpm." This revision adds consistency in that the design rated flows are provided for all three pumps. The previously provided flow rates for the two older pumps were calculated flow rates.
3. Page 5, paragraph 3 change to read "In this analysis, the SG level at 10 minutes is stated to be 50% of wide range level (approximately 10,000 lbs)." The additional information will facilitate comparisons of steam generator inventory.
4. Page 9, paragraph 1, change to read "The electrically driven AFW pump trips at a pressure of approximately 675 psig which corresponds to a flow rate somewhat in excess of 375 gpm, which is achieved at approximately 725 psig." This revision more accurately reflects the previous discussions.
5. Page 9, paragraph 5, delete "The pump has not been extensively tested at the SONGS 1 plant." In addition, delete "but this will not provide long term operational information." This revision more accurately reflects the previous discussions.
6. Page 14, paragraph 3, change to read "The motor driven AFW pump design rated flow rate is 235 gpm and the turbine driven pump is rated at 300 gpm." This revision adds consistency in that the design rated flows are provided for all three pumps. The previously provided flow rates for the two older pumps were calculated flow rates.
7. Page 15, paragraph 1, change to read "These two cases removed excess conservatism from analyses of the prior Case 1-6 submittal." This revision more accurately reflects the basis for the re-analyses performed.