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 FACIL: 50-361 San Onofre Nuclear Station, Unit 2, Southern California 05000361  
 50-362 San Onofre Nuclear Station, Unit 3, Southern California 05000362  
 AUTH. NAME AUTHOR AFFILIATION  
 DIETCH, R. Southern California Edison Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 EISENHUT, D.G. Office of Nuclear Reactor Regulation, Director

SUBJECT: Notices of actions to be performed re 821217 ESF actuation sys event per 821228 ltr. Based on 821228 meeting & NRC acceptance of listed commitments, facility authorized for Mode 2 operation.

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December 29, 1982

ROBERT DIETCH  
VICE PRESIDENT

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213-572-4144

Director, Office of Nuclear Reactor Regulation  
Attention: Mr. Darrell G. Eisenhut, Director  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362  
San Onofre Nuclear Generating Station  
Units 2 and 3

Reference: Letter from R. Dietch (SCE) to D. G. Eisenhut (NRC)  
dated December 28, 1982

In a letter submitted to the Nuclear Regulatory Commission (NRC) on December 28, 1982 (Reference), Southern California Edison Company (SCE) discussed the Engineered Safety Features Actuation System (ESFAS) actuation event which occurred on San Onofre Nuclear Generating Station Unit 3 (SONGS 3) on December 17, 1982. In addition, the actions that SCE has and is continuing to take as a result of that event were described, and NRC concurrence was requested with power operation of Unit 2 (up to and including Mode 1) and continuation of the Unit 3 startup test program.

Subsequent to their review of the reference letter and pursuant to discussions with SCE personnel at meetings on December 27 and 28, 1982, the NRC has requested certain augmentation of the information in the reference letter. In fulfillment of this request, SCE commits to perform the following actions:

1. Prior to SONGS Unit 2 entry into Mode 1 operation (above 5% power) SCE will fix the concern identified as closure of the valves in the high pressure safety injection pumps miniflow recirculation line in response to a recirculation actuation signal (RAS), if a single failure has generated the RAS coincident with a safety injection actuation signal (SIAS) that has started the HPSI pumps. The basis for the concern is that both HPSI pumps could operate against a reactor coolant system (RCS) pressure greater than the shut off head with no recirculation or injection path open and consequently be damaged before operator action can correct the situation. This interim corrective action will be removed following completion of design changes accomplished in accordance with paragraph 2.

Boo!

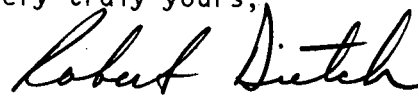
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2. In the reference letter, it was stated that SCE would identify by January 14, 1983, the design changes associated with the plant protection system (PPS) to reduce the probability of reoccurrence of the actuation event. Specifically, SCE will confirm that, based upon the review of the PPS design, there are no other problems with inadvertent ESFAS combinations. In addition, SCE will propose changes to the plant, and associated schedules to implement the changes, to confirm that the plant conforms to NRC General Design Criteria 35.

It is understood that, based upon the meeting with the NRC on December 28, 1982, SCE is authorized to proceed to Operating Mode 3 on both units at SONGS. Further, upon receipt and acceptance of this letter, it is understood that the NRC authorizes operation of both units in operating Mode 2. Operation in Mode 1 requires completion of the actions identified in item 1, above.

If you have any questions regarding this matter, please call me.

Very truly yours,



cc: R. H. Engelken, Director  
Office of Inspection and Enforcement  
Region V

George W. Knighton (TO BE OPENED BY ADDRESSEE ONLY)  
Branch Chief  
Licensing Branch 3