

October 18, 2007

Mr. Richard M. Rosenblum
Senior Vice President and Chief Nuclear Officer
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

SUBJECT: SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3 -
REQUEST FOR ADDITIONAL INFORMATION ON THE PROPOSED LICENSE
AMENDMENT ON DEGRADED VOLTAGE SETPOINTS (TAC NOS. MD4419
AND MD4420)

Dear Mr. Rosenblum:

By letter dated February 8, 2007 (Agencywide Documents Access and Management System Accession No. ML070440046), Southern California Edison (the licensee) submitted an application to revise the San Onofre Nuclear Generating Station, Units 2 and 3, Technical Specifications (TS) Surveillance Requirement (SR) 3.3.7.3.a to lower the allowable value for dropout and raise the allowable value for pickup of the degraded voltage function, and revise TS SR 3.8.1 to lower the diesel generator minimum output voltage due to lower settings for the degraded voltage function.

After reviewing your request, the Nuclear Regulatory Commission (NRC) staff has determined that additional information is needed to complete the review. To support NRC staff's assessment of the acceptability of the license amendment request, please provide:

- (1) On page 4 of Enclosure 2 to the license amendment request (LAR), it is stated that the sustained degraded voltage signal (SDVS) without safety injection actuation signal (SIAS) will transfer the 4.16 kilovolt (kV) Class 1E bus to the alternate preferred power source, if available.

Please confirm the type of bus transfer scheme. Is it a fast bus transfer scheme, slow/delayed bus transfer scheme, or the dead bus transfer scheme? Please provide a logic diagram for the scheme.

- (2) On page 4 of Enclosure 2 to the LAR, it is stated that the SDVS is blocked when the 4.16 kV Class 1E bus is powered from the DG.

Please confirm whether the degraded grid voltage with SIAS signal is also blocked when the 4.16 kV Class 1E bus is powered from the DG.

- (3) The purpose of 162T timers shown in Figure D-17 in the final safety analysis report (FSAR) is not clear.

Please provide an explanation of the purpose of 162T timers shown in Figure D-17 in the FSAR.

We discussed this information with your staff by telephone on October 10, 2007, and they agreed to provide the additional information requested within 30 days of the receipt of this letter.

If you have any questions, please contact me at (301) 415-1480.

Sincerely,

/RA/

N. Kalyanam, Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

cc w/encl: See next page

- (3) The purpose of 162T timers shown in Figure D-17 in the final safety analysis report (FSAR) is not clear.

Please provide an explanation of the purpose of 162T timers shown in Figure D-17 in the FSAR.

We discussed this information with your staff by telephone on October 10, 2007, and they agreed to provide the additional information requested within 30 days of the receipt of this letter.

If you have any questions, please contact me at (301) 415-1480.

Sincerely,

/RA/

N. Kalyanam, Project Manager
 Plant Licensing Branch IV
 Division of Operating Reactor Licensing
 Office of Nuclear Reactor Regulation

Docket Nos. 50-361 and 50-362

cc w/encl: See next page

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DATE	10/16/07	10/16/07	10/5/07	10/18/07

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San Onofre Nuclear Generating Station
Units 2 and 3

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