

May 15, 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
(SONGS 2 AND 3) - REQUEST FOR ADDITIONAL INFORMATION ON THE
PROPOSED AMENDMENT TO REVISE LOSS OF VOLTAGE SIGNAL RELAY
REPLACEMENT (TAC NOS. MD5112 AND MD5113)

Dear Mr. Rosenblum:

By letter dated March 30, 2007 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML070930597), Southern California Edison submitted an application to change the SONGS 2 and 3, Technical Specifications (TS), "Diesel Generator- Undervoltage Start", Surveillance Requirements 3.3.7.3.b to lower the allowable operating time and narrow the allowable operating voltage band of the loss of voltage function.

After reviewing your request, the Nuclear Regulatory Commission staff has determined that additional information outlined in the enclosure is needed to complete the review. We discussed this information with your staff by telephone 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

Enclosure: Request for Additional Information

cc w/encl: See next page

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*No major change from Staff provided RAI.

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DATE	5/14/07	5/11/07	4/20/07	5/15/07

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San Onofre Nuclear Generating Station
Units 2 and 3

cc w/encl:

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Sacramento, CA 95899

March 2006

San Onofre Nuclear Generating Station
Units 2 and 3

-2-

cc w/encl:
Mr. A. Edward Scherer
Southern California Edison Company
San Onofre Nuclear Generating Station
P.O. Box 128
San Clemente, CA 92674-0128

March 2006

REQUEST FOR ADDITIONAL INFORMATION

SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3

TECHNICAL SPECIFICATIONS CHANGES FOR DIESEL GENERATOR

UNDERVOLTAGE START INSTRUMENTATION

TAC NOS. MD5112 AND MD5113

The license amendment request (LAR) proposes the following changes to Technical Specifications (TSs) 3.3.7, "Diesel Generator (DG) - Undervoltage Start," Surveillance Requirements 3.3.7.3.b:

- Revise the operating range of the "Loss of Voltage Function" from " ≥ 3554 V and ≤ 3796 V" to " ≥ 3594.1 V and ≤ 3745.2 V."
- Change the "Time Delay" from " ≥ 0.75 seconds and ≤ 1.0 seconds at 0 V" to " ≥ 0.26 seconds and ≤ 0.71 seconds at 57 V with initial voltage of 115.5 V."

To support NRC's assessment of the acceptability of the LAR in regard to these setpoint changes, please provide the following for each setpoint to be modified:

1. Setpoint Calculation Methodology: Provide documentation (including sample calculations) of the methodology used for establishing the limiting setpoint (or NSP) and the limiting acceptable values for the as-found and as-left setpoints as measured in periodic surveillance testing described below. Indicate the related Analytical Limits and other limiting design values (and the sources of these values) for each setpoint.
2. Describe the measures to be taken to ensure that the associated instrument channel is capable of performing its specified safety functions in accordance with applicable design requirements and associated analyses. Include in your discussion information on the controls you employ to ensure that the as-left trip setting after completion of periodic surveillance is consistent with your setpoint methodology. Also, discuss the plant corrective action processes (including plant procedures) for restoring channels to operable status when channels are determined to be "inoperable" or "operable but degraded." If the controls are located in a document other than the TS (e.g., plant test procedure), describe how it is ensured that the controls will be implemented.

REFERENCES:

1. NRC Regulatory Issue Summary 2006-17, "NRC Staff Position on the Requirements of 10 CFR 50.36, 'Technical Positions,' Regarding Limiting Safety System Settings During Periodic Testing and Calibration of Instrument Channels," dated August 24, 2006. This document is available on the NRC public website in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML051810077.

Enclosure

2. Letter from Patrick L. Hiland, NRC, to Nuclear Energy Institute (NEI) Setpoint Methods Task Force, "Technical Specification for Addressing Issues Related to Setpoint Allowable Values," dated September 7, 2005, ADAMS Accession No. ML052500004.
3. Letter from Bruce A. Boger, NRC, to Alexander Marion, NEI, "Instrumentation, Systems, and Automation Society (ISA) S67.04 Methods for Determining Trip Setpoints and Allowable Values for Safety-Related Instrumentation," dated August 23, 2005, ADAMS Accession No. ML051660447.
4. Letter from James A. Lyons, NRC, to Alexander Marion, NEI, "Instrumentation, Systems, and Automation Society S67.04 Methods for Determining Trip Setpoints and Allowable Values for Safety-Related Instrumentation," dated March 31, 2005, ADAMS Accession No. ML050870008.