

*Southern California Edison Company*

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April 18, 1996

WALTER C. MARSH  
MANAGER OF NUCLEAR REGULATORY AFFAIRS

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

Gentlemen:

Subject: **Docket Nos. 50-361 and 50-362**  
**Response to Generic Letter 96-01:**  
**"Testing of Safety-Related Logic Circuits"**  
**San Onofre Nuclear Generating Station**  
**Units 2 and 3**

- References:
1. Generic Letter 96-01: "Testing of Safety-Related Logic Circuits" issued on January 10, 1996.
  2. Letter from Bruce A. Boger, NRC, to Alexander Marion, NEI, dated February 14, 1996.

This letter is to notify the NRC that Southern California Edison (Edison) will perform the actions requested by Generic Letter (GL) 96-01 as noted below.

Edison will review electrical schematic drawings and logic diagrams, as needed, for the reactor protection system, emergency diesel generator (EDG) load shedding and sequencing, and actuation logic for engineered safety features (ESF) systems against plant surveillance test procedures to ensure that the requirements of the Unit 2 Amendment No. 127 and Unit 3 Amendment No. 116 approved Technical Specifications (TSs) are fulfilled.

Since San Onofre Nuclear Generating Station (SONGS) Units 2 and 3 have the same TS, surveillance procedures, and logic for the GL 96-01 affected systems, the following review methodology will be used:

1. The affected systems and procedures for one unit will be reviewed.
2. Where dual train redundancy occurs, one train will be reviewed.
3. "Third-of-a-kind" (or "swing") pump and valve logic will be reviewed for one unit.
4. All channels of reactor protective system and ESF actuation logic for one unit will be reviewed.

This review will encompass parallel logic, interlocks, bypasses, inhibit circuits, relay contacts, control switches, and any other relevant electrical

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components to ensure that TS mandated safety functions are adequately covered in surveillance procedures.

The review and modification of surveillance procedures, as necessary, for complete testing to comply with the TS will be completed for Units 2 and 3 prior to startup from the SONGS Unit 2 Cycle 10 refueling outage and prior to the SONGS Unit 3 Cycle 9 refueling outage, respectively. The Unit 3 Cycle 9 refueling outage is currently scheduled to start in April 1997 and the Unit 2 Cycle 10 refueling outage is currently scheduled to start in August 1998.

This letter is the 60 day response, as extended by Reference 2, requested by GL 96-01. Please let me know if you have any additional questions.

Very truly yours,

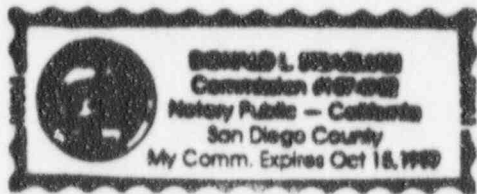
*Walter C. Marsh*

State of California  
County of San Diego

On April 18, 1996 before me, Donald L. Stearman, personally appeared Walter C. Marsh, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Donald L. Stearman



- cc: L. J. Callan, Regional Administrator, NRC Region IV
- J. E. Dyer, Director, Division of Reactor Projects, Region IV
- K. E. Perkins, Jr., Director, Walnut Creek Field Office, NRC Region IV
- J. A. Sloan, NRC Senior Resident Inspector, San Onofre Units 2 & 3
- M. B. Fields, NRC Project Manager, San Onofre Units 2 and 3