

Southern California Edison Company

23 PARKER STREET
IRVINE, CALIFORNIA 92718

WALTER C. MARSH
ASSISTANT MANAGER
NUCLEAR REGULATORY AFFAIRS

TELEPHONE
(714) 454-4403

February 19, 1993

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

Gentlemen:

Subject: Docket Nos. 50-361 and 50-362
Emergency Response Data System Data Point Library Reference File
San Onofre Nuclear Generating Station, Units 2&3

Reference: 1. Generic Letter 89-15, "Emergency Response Data System."
2. Letter R. M. Rosenblum (SCE) to NRC, Emergency Response
Data System Implementation, dated September 10, 1992.

The purpose of this letter is to inform you of the completion of the Emergency Response Data System (ERDS) installation. The testing of the ERDS data transmission to the NRC was successfully completed on January 6, 1993. Two software changes were made during the testing:

1. Data Base Change

This item is in response to an NRC request for a minor change to the database. The change was made by a Field Interim Design Change Notice (J-4634) immediately prior to the testing. The revised pages are included (Enclosures 1 and 2). An unofficial copy was telecopied to Mr. J. R. Jolicoeur (NRC) to enable the NRC to create the software database file change. The enclosures will update, on a replacement page basis, the information SCE previously provided to the NRC (Reference 2).

2. Sign-On/Sign-Off Protocol

The second item is to provide the NRC with notification of a change in the asynchronous flow control implementation for ERDS communication protocol. The original design for the remote (SONGS) ERDS system utilized XON/XOFF flow control for communicate between systems. However, it was determined through NRC/SCE testing that the application level flow control, SUSPEND/RESUME, as specified in NRC-317 Revision 1, should be used since the CODEX modems did not respond properly to XON/XOFF flow control. The NRC contractor for the testing, Lynne Saul, requested SCE formally notify the NRC of this change so the NRC database

240044

9302250188 930219
PDR ADDCK 05000361
F PDR

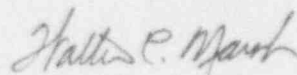
A026
11

could be revised accordingly. Please ensure your computer system reflects the change in the flow control usage. This letter provides the formal notification requested.

This closes out all remaining commitments concerning the Emergency Response Data System.

If there are any questions, please call me.

Sincerely,

A handwritten signature in cursive script, appearing to read "J. B. Martin".

Enclosures

cc: J. B. Martin, Regional Administrator, NRC Region V
C. W. Caldwell, NRC Senior Resident Inspector, San Onofre Units 1, 2 & 3
M. B. Fields, NRC Project Manager, San Onofre Units 2 & 3

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S02
DATA FEEDER:	S021
MRC ERDS PARAMETER:	SUB MARGIN
POINT ID:	KCTSM
PLANT SPEC POINT DESC.:	SATURATION MARGIN
GENERIC/COND DESC.:	SUB MARGIN
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-2100
MAXIMUM INSTR RANGE:	+700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	56
HOW PROCESSED:	CX
SENSOR LOCATIONS:	CET STATISTICAL SUMMARY & PRZR PRESSURE
ALARM/TRIP SET POINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	<u>PZR SAT TEMP-T RPYCET</u>

DWG NO. 90052
REV. 0

ENCLOSURE 2

PWR DATA POINT LIBRARY REFERENCE FILE

DATE:	April 22, 1991
REACTOR UNIT:	S03
DATA FEEDER:	S031
NRC ERDS PARAMETER:	SUB MARGIN
POINT ID:	KCTSM
PLANT SPEC POINT DFSC.:	SATURATION MARGIN
GENERIC/COND DESC.:	SUB MARGIN
ANALOG/DIGITAL:	A
ENGR UNITS/DIG STATES:	DEGF
ENGR UNITS CONVERSION:	N/A
MINIMUM INSTR RANGE:	-2100
MAXIMUM INSTR RANGE:	+700
ZERO POINT REFERENCE:	N/A
REFERENCE POINT NOTES:	N/A
PROC OR SENS:	P
NUMBER OF SENSORS:	56
NOW PROCESSED:	CX
SENSOR LOCATIONS:	CET STATISTICAL SUMMARY & PRZR PRESSURE
ALARM/TRIP SET POINTS:	N/A
NI DETECTOR POWER SUPPLY CUT-OFF POWER LEVEL:	N/A
NI DETECTOR POWER SUPPLY TURN-ON POWER LEVEL:	N/A
INSTRUMENT FAILURE MODE:	DISPLAYS LAST GOOD READING
TEMPERATURE COMPENSATION FOR DP TRANSMITTERS:	
LEVEL REFERENCE DESC.:	N/A
UNIQUE SYSTEM DESC.:	PRZR SAT TEMP-7 RPYCET