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September 8, 1995

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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**
Emergency Response Data System
San Onofre Nuclear Generating Station
Units 2 and 3

This letter is to inform the NRC of changes that have been made to the Emergency Response Data System (ERDS) at San Onofre Nuclear Generating Station Units 2 and 3. These changes were discussed with John Jolicour of the NRC staff on August 15 and 17, 1995. As required by 10CFR50 Appendix E, Section VI.3.a, any hardware and software changes that affect the transmitted data points identified in the ERDS Data Point Library must be submitted to the NRC within 30 days after the changes are completed.

On July 3, 1995 the quarterly test of the ERDS for the San Onofre Nuclear Generating Station Unit 2 (SONGS 2) with the NRC failed. On July 6, 1995 it was determined that the SONGS 2 test failure was caused by modifications implemented on the pressurizer pressure data point in the Critical Function Monitoring System (CFMS) during the SONGS 2 Cycle 8 refueling outage. Since the ERDS reads the data points from the CFMS, the modification to the pressurizer pressure data point on CFMS affected the ERDS. During the test ERDS did not recognize the modified data point, and selected an incorrect data point, radiation monitoring, as pressurizer pressure. Corrective actions have been initiated to ensure this or similar situations do not occur in the future. Enclosure 1 provides the change to the ERDS data base for SONGS 2. Also included as Enclosure 2 is the change to the ERDS database for SONGS 3.

Changes have also been made to the ERDS Hi Log Power Level data point. Excure linear and log power signals have been added to the CFMS. This results in a required change to a data point on the ERDS database. The excure log power signal data point identification will be changed from XJ002C to XJ0001C and the description from Hi Log Power Level to Log Power Level Channel C. Provided as Enclosures 3 and 4 are the changes for the SONGS 2 and 3 ERDS data base, respectively.

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The above described changes were implemented on the ERDS SONGS 2 data base on August 9, 1995. The changes will be completed on the ERDS SONGS 3 data base prior to SONGS 3 return to power following the Cycle 8 refueling outage. This letter is the formal 10CFR50 Appendix E Section VI.3.a notification of the changes to the ERDS data base for SONGS 2, which have been completed, and for the changes to the ERDS data base for SONGS 3 which will be completed before the end of the current refueling outage.

If you have any further questions regarding this matter please let me know.

Very truly yours,

Enclosures

cc: L. J. Callan, Regional Administrator, NRC Region IV
J. 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

ENCLOSURES 1 THROUGH 4

EMERGENCY RESPONSE DATA SYSTEM CHANGES

FOR

SAN ONOFRE NUCLEAR GENERATING STATION UNITS 2 AND 3

DWG NO. 90052
REV. 1

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: July 6, 1995

REACTOR UNIT: S02

DATA FEEDER: S021

NRC ERDS PARAMETER: RCS PRESSURE

POINT ID: KPZRA

PLANT SPEC POINT DESC.: PZR PRESSURE WIDE RANGE

GENERIC/COND DESC.: RCS PRESSURE

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: PSIA

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 3000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ON PRESSURIZER

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: April 22, 1991

DWG NO. 90052
REV. 1

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: JULY 6, 1995

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: RCS PRESSURE

POINT ID: KPZRA

PLANT SPEC POINT DESC.: RCS PRESSURE

GENERIC/COND DESC.: REACTOR COOLANT SYSTEM PRESSURE

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: PSIA

ENGR UNITS CONVERSION: N/A

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 3000

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: INSIDE CTMNT ON PRESSURIZER

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: READS ZERO OR LESS

TEMPERATURE COMPENSATION
FOR DP TRANSMITTERS:

LEVEL REFERENCE DESC.: N/A

UNIQUE SYSTEM DESC.: N/A

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: July 14, 1995
 REACTOR UNIT: S02
 DATA FEEDER: S021
 NRC ERDS PARAMETER: NI POWER RNG
 POINT ID: XJ0001C
 PLANT SPEC POINT DESC.: LOG POWER LEVEL CHANNEL C
 GENERIC/COND DESC.: NI POWER RNG
 ANALOG/DIGITAL: A
 ENGR UNITS/DIG STATES: %
 ENGR UNITS CONVERSION: LOG
 MINIMUM INSTR RANGE: 2E-8
 MAXIMUM INSTR RANGE: 200
 ZERO POINT REFERENCE: N/A
 REFERENCE POINT NOTES: N/A
 PROC OR SENS: S
 NUMBER OF SENSORS: 1
 HOW PROCESSED: N/A
 SENSOR LOCATIONS: W SIDE REACTOR VESSEL THIMBLE #3
 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.: DETECTOR TYPE: FISSION CHAMBERS

PWR DATA POINT LIBRARY REFERENCE FILE

DATE: July 14, 1995

REACTOR UNIT: S03

DATA FEEDER: S031

NRC ERDS PARAMETER: NI POWER RNG

POINT ID: XJ0001C

PLANT SPEC POINT DESC.: LOG POWER LEVEL CHANNEL C

GENERIC/COND DESC.: NI POWER RNG

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: LOG

MINIMUM INSTR RANGE: 2E-8

MAXIMUM INSTR RANGE: 200

ZERO POINT REFERENCE: N/A

REFERENCE POINT NOTES: N/A

PROC OR SENS: S

NUMBER OF SENSORS: 1

HOW PROCESSED: N/A

SENSOR LOCATIONS: EAST SIDE REACTOR VESSEL THIMBLE #3

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.: DETECTOR TYPE: FISSION CHAMBERS