

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

H. B. RAY

STATION MANAGER

RECEIVED
NRC

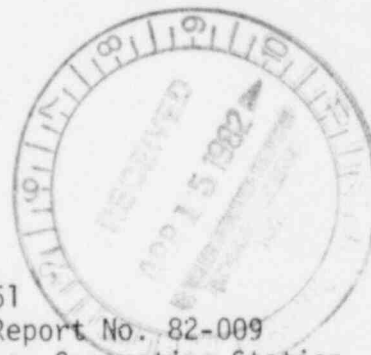
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REGION V

TELEPHONE
(714) 492-7700

U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368



DOCKET No. 50-361
Licensee Event Report No. 82-009
San Onofre Nuclear Generating Station
Unit 2

ATTENTION: Mr. R. H. Engelken, Director

Dear Mr. Engelken:

In our letter to you dated March 9, 1982, Southern California Edison reported a condition involving SIGMA model 9270 Lumigraph instrument indicators determined to be reportable under 10CFR50.55(e) for SONGS units 2 and 3.

An evaluation of the reportability of this deficiency pursuant to SONGS unit 2 operating license NPF-10, Appendix A Technical Specifications has been completed and it has been determined to be reportable in accordance with section 6.9.1.12.i. This letter is intended to satisfy both the prompt notification and 14 day followup report required by that section. The nature of this deficiency is identical to that reported to you in License Event Report 82-01 dated January 12, 1982 in regard to SONGS unit 1 operating license DPR-13 on Docket No. 50-206.

For SONGS unit 2, it has been determined that a total of 41 possibly deficient indicators are installed in safety related systems as identified in the attached list. As previously reported, incorrectly specified resistors in each of these indicators have a high potential for failure which will result in faulty indication, however, no alarm or control functions provided by these instruments would be affected.

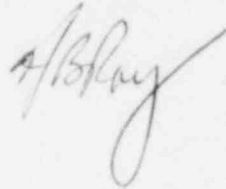
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Though the vendor has indicated failure would not generally occur until these instruments had been in operation from "one to many years of service", Southern California Edison has taken action to ensure that all instruments listed in the attached will be repaired by replacing the defective resistor prior to full power operation of SONGS unit 2.

If there are any questions concerning the above or the attached, please contact me.

Sincerely,



Enclosure: (LER No. 82-009)

cc: U.S. Nuclear Regulatory Commission
Office of Inspection & Enforcement

U. S. Nuclear Regulatory Commission
Office of Mangement Information and Program Control

Institute of Nuclear Power Operation (INPO)

A. E. Chaffee (USNRC Resident Inspector, Unit 2)

SONGS UNIT 2
SIGMA LUMIGRAPH MODEL 9270 INSTRUMENTS
INSTALLED IN SAFETY RELATED SYSTEMS

Page 1 of 2

FI 4720-2	Aux Feedwtr to Stm Gen E088
FI 4725-1	Aux Feedwtr to Stm Gen E089
LI 5853-1	Containment Normal Sump
LI 5853-2	Containment Normal Sump
LI 9386-1	Cont. Emergency Sump
LI 9389-2	Cont. Emergency Sump
LI 9387-1	Cont. Area Level
LI 9388-2	Cont. Area Level
LI 5903-1	Diesel Fuel Stor Tank T035
LI 5906-2	Diesel Fuel Stor Tank T036
AI 8108A1	Cont. Post LOCA H ₂ Monitor
AI 8118A2	Cont. Post LOCA H ₂ Monitor
PI 0353-1	Cont. Wide Range Press.
PI 0354-2	Cont. Wide Range Press.
LI 3204-1	Cond. Stor Tk T121
LI 3204-2	Cond. Stor Tk T121
ZI 8150-1	SD Cooling Train A HX Outlet Vlv
ZI 8151-2	SD Cooling Train B HX Outlet Vlv
LI 0206B1	Boric Acid M/U Tk T072
LI 0208B2	Boric Acid M/U Tk T071
LI 0206C1	Boric Acid M/U Tk T072
LI 0208C2	Boric Acid M/U Tk T071
PI 0212-1	Chem & Vol Control Charging Pmp
FI 0212-2	Chem & Vol Control Charging Pmp
FI 9874-1	Emerg Chilled Wtr Loop A-flow
PI 9877-1	Emerg Chilled Wtr Loop A Chiller out
FI 9894-2	Emerg Chilled Wtr Loop B-flow
PI 9896-2	Emerg Chilled Wtr Loop B Chiller out
TI 9903-1	Cont. Atmos Temp
TI 9911-2	Cont. Atmos Temp
EI 1757-3	125VDC Bus 2D3 Volts
II 1757-3	125VDC Battery 2B009 Amps
EI 1757-4	125VDC Bus 2D4 Volts
II 1757-4	125VDC Battery 2B010 Amps

SONGS UNIT 2
SIGMA LUMIGRAPH MODEL 9270 INSTRUMENTS
INSTALLED IN SAFETY RELATED SYSTEMS

Page 2 of 2

EI	1757-1	125VDC Bus 2D1 Volts
II	1757-1	125VDC Battery 2B007 Amps
EI	1757-2	125VDC Bus 2D2 Volts
II	1757-2	125VDC Battery 2B008 Amps
LI	3802	Sulfuric Acid Stor Tk T-194
LI	3813	Caustic Soda Stor Tk T-195
PI	0298	Cont. Inlet from Reac Head/Przr Vent.