NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2	0 5 0 0 0 3 6 1	1 OF 0 2

TITLE (4)
INADVERTENT MODE 3 ENTRY

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
0 2	1 1	8 4	8 4	0 0 8	0 0	0 3	1 2	8 4		0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	3	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	0 0 0	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)
		20.405(a)(1)(ii)	X 50.36(c)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
		20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
		20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
J. G. HAYNES, STATION MANAGER	AREA CODE 7 1 4 — 4 9 2 - 7 7 0 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	
X	I D	C P U	S 5 2 5	N							

SUPPLEMENTAL REPORT EXPECTED (14)

		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 2/11/84 the Plant Monitoring System, which the operator was using for temperature indication, failed and the displayed temperature was not updated. As a result, at 2215 Unit 2 inadvertently exceeded 350 degrees by 1 degree for two minutes and entered Mode 3, contrary to the requirements of Limiting Condition for Operation (LCO) 3.0.4, in that LCO's 3.5.1 (Safety Injection Tanks), 3.7.1.2 (Auxiliary Feedwater System), and 3.6.3 (Containment Isolation Valves) were not fully met.

The cause of this event was failure of the Plant Monitoring System such that an incorrect Reactor Coolant System temperature was displayed. Unit 2 was returned to Mode 4 at 2217. The PMS display was repaired and returned to service.

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(9-83)

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
SAN ONOFRE NUCLEAR GENERATING STATION UNIT 2	0 5 0 0 0 3 6 1	8 4	— 0 0 8	— 0 0	0 2 OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On January 11, 1984, operators were maintaining Unit 2 in Mode 4 at a Reactor Coolant System (EIIS Identifier AB) temperature of 340 to 345 degrees Farenheit using the Plant Monitoring System (EIIS Identifier ID). The Plant Monitoring System computer failed, and displayed temperature was not updated. When operators discovered the computer failure, Reactor Coolant System temperature was at 349 degrees and increasing. Operators took actions to stop the temperature increase, but temperature continued to rise and peaked at 351 degrees. As a result, at 2215 Unit 2 inadvertently entered Mode 3 for 2 minutes. Temperature reached 351 degrees, contrary to the requirements of Limiting Condition for Operation (LCO) 3.0.4, in that LCO 3.5.1, Safety Injection Tanks (EIIS Identifier TK), LCO 3.6.3, Containment Isolation Valves (EIIS Identifier ISV), and LCO 3.7.1.2, Auxiliary Feedwater System (EIIS Identifier B. were not fully met. Unit 2 was returned to Mode 4 at 2217 on January 11, 1984.

The cause of this event was failure of the Plant Monitoring System such that an incorrect Reactor Coolant System temperature was displayed. The PMS display was repaired and returned to service.

There are no reasonable or credible circumstances under which this event would have been more severe. The health and safety of plant personnel or the public were not affected by these events.

RAH 3-19-84

Southern California Edison Company

SCE

SAN ONOFRE NUCLEAR GENERATING STATION
P.O. BOX 128
SAN CLEMENTE, CALIFORNIA 92672

J. G. HAYNES
STATION MANAGER

TELEPHONE
(714) 492-7700

0000 1092 BOI

March 12, 1984

LER
LER # 361-84008
EVENT DATE 840211
INPO RCVD DATE 840320
NSAC RCVD DATE

ADR
TDG

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

Subject: Docket No. 50-361
30-Day Report
Licensee Event Report No. 84-008
San Onofre Nuclear Generating Station, Unit 2

Pursuant to 10 CFR 50.36(c)(2) and 50.73(a)(2)(i)(B), this submittal provides the required 30-day written Licensee Event Report (LER) for an occurrence involving Limiting Condition for Operation 3.0.4. The health and safety of plant personnel or the public were not affected by this event.

If you require any additional information, please so advise.

Sincerely,

V. G. Haynes

Enclosure: LER 84-008

cc: A. E. Chaffee (USNRC Resident Inspector, Units 1, 2 and 3)
J. P. Stewart (USNRC Resident Inspector, Units 2 and 3)

J. B. Martin (Regional Administrator, NRC Region V)

Institute of Nuclear Power Operations (INPO)

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