

CONTROL BLOCK:

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 (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	C	A	S	O	S	2	2	0	0	-	0	0	0	0	-	0	0	3	4	1	1	1	1	4			5		
7	8	14										15	25										26	30					37	CAT 36

CON'T

REPORT SOURCE: 01 L 6 05000361 7 073083 8 082983 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 1150 with the Unit operating at 92 percent, a rapid reduction in power was commenced to clean debris from the Traveling Screen System (TSS). At 1412 with the power at 54 percent during a xenon transient, Tc was observed to be outside the limits of LCO 3.2.6 and the associated Action Statement was invoked. Tc was restored to within the allowable limit at 1536. There was no impact on the health and safety of plant personnel or the public.

7 8 9

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

0 8 11 12 13 14 15

7 8 9 10 11 12 13 14 15 16 17 18 19 20

LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.												
(17)		8	3	1	0	3	0	3	L		0											
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER						
X	(18)	X	(19)	Z	(20)	Z	(21)	0	0	0	0	Y	(23)	N	(24)	Z	(25)	Z	9	9	9	(26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)	
1	0
1	1
1	2
1	3

1	4																
7	8	9															
FACILITY STATUS			% POWER			OTHER STATUS			(30)	METHOD OF DISCOVERY			DISCOVERY DESCRIPTION			(32)	
1	5	B	(28)	0	5	4	(29)	NA			(30)	A	(31)	Operator Observation			(32)

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 Z (33) Z (34) NA NA

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
17	000	(37) Z (38) NA

PERSONNEL INJURIES		NUMBER		DESCRIPTION		(41)	
1	8	0	0	0	(40)	NA	

7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY											
TYPE				DESCRIPTION							
1	9	Z	(42)	NA							
				8309120383 830829 PDR ADCK 05000244							

PUBLICITY
 ISSUED DESCRIPTION (45)
 NA 60
 PDR
 NRC USE ONLY

NAME OF PREPARER

H. B. RAJ

PHONE: (714) 492-7700

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

I. B. RAY
STATION MANAGER

August 29, 1983

RECEIVED
SEP 2 11 12 AM
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, California 94596-5368

Attention: Mr. J. B. Martin, Regional Administrator

Dear Sir:

Subject: Docket No. 50-361
30-Day Report
Licensee Event Report No. 83-103
San Onofre Nuclear Generating Station, Unit 2

Pursuant to Section 6.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPP-10 for San Onofre Unit 2, this submittal provides the required 30-day written report and a copy of Licensee Event Report (LER) form for an occurrence involving Limiting Condition for Operation (LCO) 3.2.6 associated with the Reactor Coolant Cold Leg Temperature (Tc).

While in Mode 1 during a rapid power reduction on July 30, 1983, at 1412, Tc was observed to be outside the limits of LCO 3.2.6. The Action Statement associated with LCO 3.2.6 was invoked. As required by this Action Statement, Tc was restored to within the allowable limits at 1536 on July 30, 1983.

The Technical Specification limit for Tc of 544°F to 558°F while operating above 30% power in and of itself is very restrictive. At 30% power the allowable Tc control band per Operating Instruction SO23-5-1.7 is 544.5°F to 548.5°F and at full power the band is 548°F to 552°F. It can be seen that as power is reduced the control of Tc above the Technical Specification limit of 544°F is difficult.

As corrective action to prevent recurrence, design changes (i.e., high and low limit alarms with either manual or automatic permissive) are being studied. This LER will be revised upon completion of these actions. Additionally, changes to Technical Specification limits for Tc are under consideration.

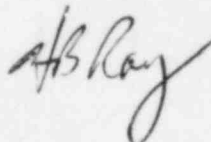
11
IK-22

August 29, 1983

There was no impact on the health and safety of plant personnel or the public associated with this event.

If there are any questions regarding the above, please contact me.

Sincerely,

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

Enclosure: LER 83-103

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

U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement

U.S. Nuclear Regulatory Commission
Division of Technical Information and Document Control

Institute of Nuclear Power Operations (INPO)