

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE 01 6 0 5 6 0 0 3 6 1 7 1 2 2 0 8 3 8 0 1 1 8 8 4 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On 12/20/83, at 2145, with Unit 2 in Mode 1, the PPS Channel C excure safety channel linear power signal varied from the CPC Channel C calibrated linear power signal by 10 percent, as indicated by the Channel C Linear Power Deviation alarm. The PPS Channel C excure safety channel was declared inoperable, and in accordance with LCO 3.3.1, Table 3.3-1, Action Statement 2, the channel was placed in the bypassed condition within 1 hour. Public health and safety were not affected.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE					
0	9	I	A	E	E	I	N	S	T	R	U	I	Z				
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	4	5	/	0	3	10						
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRO-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
E	Z	Z	Z	Z	Z	0	0	0	0	N	N	Y	N	C	4	9	0
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)	
1	0
1	1
1	2
1	3
1	4

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 5 F 28 01510 29 NA A 31 Operator Observation

ACTIVITY CONTENT AMOUNT OF ACTIVITY LOCATION OF RELEASE

RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION
1	7	0	0	NA

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

TELL

7 8 9 11 12
LOSS OF OR DAMAGE TO FACILITY
TYPE DESCRIPTION (43)
1 9 L (42) NA

10
PUBLICITY
ISSUED DESCRIPTION (45) NA
20 LN (44) 48 49 NRC USE ONLY

NAME OF PREPARER

J. G. HAYNES

PHONE

714/492-7700

Southern California Edison Company

SAN ONOFRE NUCLEAR GENERATING STATION

P.O. BOX 128

SAN CLEMENTE, CALIFORNIA 92672

RECEIVED
NRC

1984 JAN 23 PM 1:17

SCE

REGION V

J. G. HAYNES
STATION MANAGER

January 18, 1984

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. 83-145
San Onofre Nuclear Generating Station, Unit 2

Pursuant to Section 6.9.1.13.b of Appendix A, Technical Specifications to Facility Operating License NPF-10 for San Onofre Unit 2, this submittal provides the required 30-day written report and a copy of the Licensee Event Report (LER) form for an occurrence involving Limiting Condition for Operation (LCO) 3.3.1 associated with the Reactor Protection System (RPS).

On December 20, 1983, at 2145, with Unit 2 in Mode 1 at 50% power, the Plant Protection System (PPS) Channel C excore safety channel linear power signal varied from the Core Protection Calculator (CPC) Channel C calibrated linear power signal by 10% as indicated by the Channel C Linear Power Deviation alarm. The PPS Channel C excore safety channel was declared inoperable, and in accordance with LCO 3.3.1, Table 3.3-1, Action Statement 2, the associated PPS channel trips were placed in the bypassed condition within one hour.

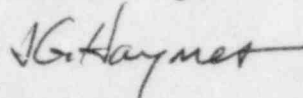
The CPC and excore safety channel receive identical excore detector signals which are then modified by electronics in the separate devices. The resulting output signals are then monitored by a deviation alarm bistable and recorded. Subsequent investigation of the Channel C instrumentation indicated that the excore safety channel linear power signal required adjustment. The channel was calibrated and declared operable on December 21, 1983, at 2345, in accordance with Procedure SO23-II-5.7. This is considered an isolated occurrence, and no further corrective action is planned. There was no impact on the health and safety of plant personnel or the public associated with this event.

IE-22, 11

January 18, 1984

If you require any additional information, please so advise.

Sincerely,



Enclosure: LER No. 83-145

cc: A. E. Chaffee (USNRC Resident Inspector, Units 1, 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)