

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) DIABLO CANYON, UNIT 1	DOCKET NUMBER (2) 05000275	PAGE (3) 1 OF 12
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TITLE (4)
INADVERTENT ESF ACTUATION BY RADIATION DETECTOR

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)
07	06	84	84	018	00	08	06	84				05000

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

OPERATING MODE (9) 5	20.402(b)	<input checked="" type="checkbox"/>	20.405(c)	<input type="checkbox"/>	60.73(a)(2)(iv)	<input type="checkbox"/>	73.71(b)
POWER LEVEL (10) 0.00	20.405(a)(1)(i)	<input type="checkbox"/>	60.36(c)(1)	<input type="checkbox"/>	60.73(a)(2)(v)	<input type="checkbox"/>	73.71(a)
	20.405(a)(1)(ii)	<input type="checkbox"/>	60.36(c)(2)	<input type="checkbox"/>	60.73(a)(2)(vii)	<input type="checkbox"/>	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	20.405(a)(1)(iii)	<input type="checkbox"/>	60.73(a)(2)(i)	<input type="checkbox"/>	60.73(a)(2)(viii)(A)	<input type="checkbox"/>	
	20.405(a)(1)(iv)	<input type="checkbox"/>	60.73(a)(2)(ii)	<input type="checkbox"/>	60.73(a)(2)(viii)(B)	<input type="checkbox"/>	
	20.405(a)(1)(v)	<input type="checkbox"/>	60.73(a)(2)(iii)	<input type="checkbox"/>	60.73(a)(2)(ix)	<input type="checkbox"/>	

LICENSEE CONTACT FOR THIS LER (12)

NAME DAVID P. SISK, REGULATORY COMPLIANCE ENGINEER	TELEPHONE NUMBER
	AREA CODE: 805 NUMBER: 541-7724

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, L	DET	L010	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

While in Mode 5 (Cold Shutdown), a portion of an Engineered Safety Feature (ESF) (control room ventilation system) actuated in response to a spurious radiation monitor alarm signal. All required equipment responded automatically. The cause of the spurious alarm signal was determined to be a failed detector. The detector was replaced with a ready spare. The monitor was tested satisfactorily and returned to service. The control room ventilation system was returned to normal operation. The redundant monitor was operational and was capable of providing an alarm signal to initiate the required automatic responses had the need arisen.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) DIABLO CANYON UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 2 7 5 8 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	0 1 8	0 0	0 2	OF	0 2

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

At 0340 PST on July 6, 1984, the control room pressurization fan and associated suction and discharge dampers actuated. This was determined to be an automatic response from an alarm signal received from radiation monitor RE-51 (IL)(DET) (located on the pressurization intake on the Unit 1 side).

Investigation revealed a failed detector in RE-51. The detector was replaced with a ready spare. RE-51 was tested satisfactorily and returned to service. Redundant monitor RE-52 (also located on the pressurization intake on the Unit 1 side) was operational and available to provide required alarm signals had the need occurred.

The automatic response to the alarm of this monitor was exactly as designed. This event had no safety consequences or implications and in no way affected the health and safety of the public. Had this event or a similar event occurred at power, there would have been no safety consequences and the health and safety of the public would not have been affected.

PACIFIC GAS AND ELECTRIC COMPANY

PG&E +

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JAMES D. SHIFFER
MANAGER

DEPARTMENT OF NUCLEAR PLANT OPERATIONS
NUCLEAR POWER GENERATION

August 6, 1984

PGandE Letter No.: DCL-84-280

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

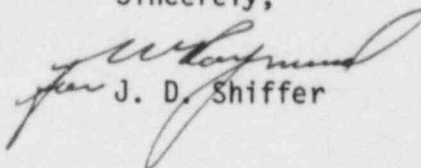
Re: Docket No. 50-275, OL-DPR-76
Diablo Canyon Unit 1
Licensee Event Report 84-018-00
Inadvertent ESF Actuation by Radiation Detector

Gentlemen:

Pursuant to 10 CFR 50.73 (a)(2)(iv), PGandE is submitting the enclosed Licensee Event Report concerning the inadvertent actuation of an ESF system (control room ventilation system).

This event has in no way affected the public's health and safety.

Sincerely,


for J. D. Shiffer

Enclosure

cc: J. B. Martin
Service List

IE22
1/1