

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) DIABLO CANYON UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 2 7 5					PAGE (3) 1 OF 0 4	
TITLE (4) INOPERABLE RADWASTE EFFLUENT VALVE																
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 3	2 6	8 4	8 4	0 1 0	0 0	0 4	2 5	8 4	DIABLO CANYON UNIT 2				0 5 0 0 0 3 2 3			
														0 5 0 0 0		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)														
3		20.402(h)				20.406(e)				50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.406(a)(1)(i)				50.36(e)(1)				50.73(a)(2)(v)				73.71(e)		
0 1 0 0		20.406(a)(1)(ii)				50.36(e)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 386A)		
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(vii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(vii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME										TELEPHONE NUMBER						
WILLIAM J. KELLY, REGULATORY COMPLIANCE ENGINEER										AREA CODE 8 0 5 5 9 5 - 7 3 5 1						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				

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

While in Mode 3 (Hot Standby), the Liquid Radwaste Effluent Line Isolation Valve (RCV-18) failed to close as required during the performance of a surveillance test. An improperly coordinated jumper installation had disabled the air operator to RCV-18 and would not have allowed this valve to shut upon receipt of a high radiation signal from the discharge radiation monitor, RM-18. No liquid radioactive materials were discharged, and the Control Room high radiation alarm from RM-18 remained operable. The jumper was removed upon discovery, and valve RCV-18 was returned to service. The plant procedure pertaining to jumpers and lifted circuits has been revised to provide more clearly defined guidance to operations and maintenance personnel.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

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			
		— 0	1 0	— 0	0 0	2 OF	0 4

TEXT (If more space is required, use additional NRC Form 365A's) (17)

On March 31, 1984, at 0540 PST, while in Mode 3 (Hot Standby), the Liquid Radwaste Effluent Line Isolation Valve RCV-18 (ISV)(WD) failed to close as required during the performance of a surveillance test.

Investigation revealed that, on March 26, 1984, a jumper had been installed around air operator SV-223 (PSV) to hold closed valve FCV-477 (ISV) for a hydrostatic test, and had not been removed upon test completion later that day. It has been determined that the involved operations and maintenance personnel did not properly coordinate and implement the procedural control of jumper clearances with regard to bypassing protective features. The jumper also disabled the air operator to valve RCV-18 and would not have allowed this valve to close upon receipt of a high radiation signal from the Liquid Radwaste Effluent Line Radiation Monitor, RM-18 (IL). The channel was not declared inoperable at the time the jumper was installed and, as a result, Action Statement 40 of Technical Specification 3.3.3.9 was not entered. The jumper was removed upon discovery and valve RCV-18 was returned to service.

While RCV-18 was disabled, two discharges were made via this pathway from Floor Drain Receiving Tanks 0-1 and 0-2 (TK). Though a sample of each tank was taken and analyzed prior to discharge, two independent samples were not performed as required by Action Statement 40 of Technical Specification 3.3.3.9.

Performing discharges with valve RCV-18 disabled would not have resulted in the release of radioactive materials in excess of the alarm setpoint of RM-18 to the environment. RM-18 was still capable of measuring and alarming high radiation levels in the discharge line. Indication, recording, and alarm are located in the Control Room.

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

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

Diablo Canyon has not yet achieved initial criticality, and has no radioactive materials in the liquid radwaste system. If this event had occurred with radioactive materials in the liquid radwaste system, existing operating procedures which specify that a tank sample must be obtained and analyzed prior to discharge and valve discharge lineup verified would preclude the release of radioactive materials above allowable limits to the environment.

Corrective action to preclude similar incidents included upgrading plant administrative controls by modifying the plant jumper installation procedure, and directing department heads to train appropriate personnel on the requirements of the revised procedure.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1):

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PAGE (3):

DIABLO CANYON UNIT 1

0 5 0 0 0 2 7 5

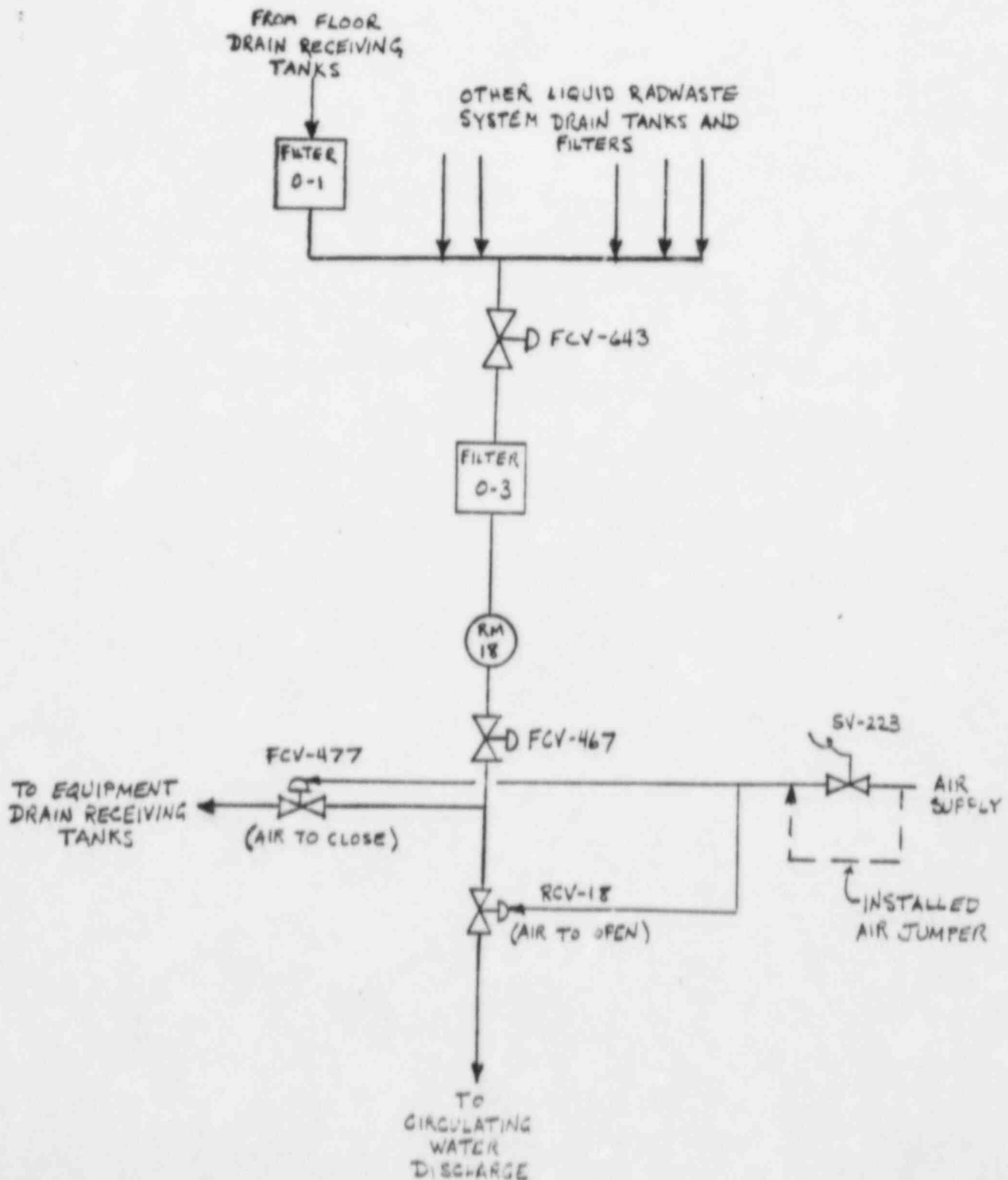
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0 4 OF 0 4

TEXT (If more space is required, use additional NRC Form 288A-1 (1/77))



PACIFIC GAS AND ELECTRIC COMPANY

PG&E

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JAMES D. SHIFFER
MANAGER

DEPARTMENT OF NUCLEAR PLANT OPERATIONS
NUCLEAR POWER GENERATION

April 25, 1984

PGandE Letter No.: DCL-84-154

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

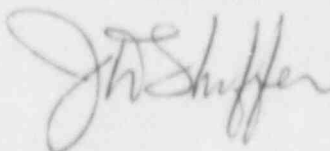
Re: Docket No. 50-275, OL-DPR-76
Diablo Canyon Unit 1
Licensee Event Report 84-010-00
Inoperable Liquid Radwaste Effluent Isolation Valve

Gentlemen:

Pursuant to 10 CFR 50.73(a)(2)(i), PGandE is submitting the enclosed Licensee Event Report concerning the inoperability of the Liquid Radwaste Effluent Isolation valve (RCV-18).

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

Sincerely,



Enclosure

cc: J. B. Martin
Service List

IE22
1/1