NRC FORM 366 (12-81) 10 CFR 50

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

APPROVED BY OMB 3150-0011

CONTROL BLOCK: ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | LICENSEE CODE: C A D C P 1 ② | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ | LICENSE TYPE: 4 1 1 1 1 ④ | CAT ⑤

CON'T

0 1 | REPORT SOURCE: L ⑥ | DOCKET NUMBER: 0 5 0 0 0 2 7 5 ⑦ | EVENT DATE: 0 5 2 6 8 3 ⑧ | REPORT DATE: 0 6 0 9 8 3 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 Prior to fuel load, during torque switch adjustment on a Limitorque operator,
0 3 binding of the torque switch was observed. The binding was between the switch
0 4 arm and assembly mounting bolts causing the switch to stick open. When bound,
0 5 the valve can be electrically operated only in the open direction or manually
0 6 operated in both the open and close direction. This event in no way affects
0 7 the public health and safety. Reportable per Technical Specification
0 8 6.9.1.12.i.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	Z Z ⑪	B ⑫	B ⑬	V A L V O P ⑭	A ⑮	Z ⑯

⑰ LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 3	—	0 1 4	/	0 1	T	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER ㉖
Z ⑱	X ⑲	Z ⑳	Z ㉑	0 0 0 0 0	N ㉓	N ㉔	L ㉕	L 2 0 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 Present torque switch mounting bolts (hex socket heads) were substituted for
1 1 original bolts after originals loosened during prolonged severe shake tests.
1 2 PGand E is investigating the event with the operator manufacturer for cause,
1 3 corrective action, and generic implications. Results of the investigation will
1 4 be reported in a revision to this LER.

	FACILITY STATUS	% POWER	OTHER STATUS ㉚	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION ㉜
1 5	B ㉘	0 0 0 ㉙	NA	B ㉛	During maintenance activity

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY ㉟	LOCATION OF RELEASE ㊱
1 6	Z ㉝	Z ㉞	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION ㊴
1 7	0 0 0 ㊲	Z ㊳	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION ㊶
1 8	0 0 0 ㊵	NA

8306210044 830609
PDR ADOCK 05000275
S PDR

IE22

LOSS OF OR DAMAGE TO FACILITY ㊸

	TYPE	DESCRIPTION
1 9	Z ㊷	NA

PUBLICITY

	ISSUED	DESCRIPTION ㊺	NRC USE ONLY
2 0	N ㊹	NA	

NAME OF PREPARER William J. Kelly PHONE 805/595-7351

PACIFIC GAS AND ELECTRIC COMPANY

PG&E
77 BEALE STREET • SAN FRANCISCO, CALIFORNIA 94106 • (415) 781-4211 • TWX 910-372-6587

JAMES D. SHIFFER
MANAGER
DEPARTMENT OF NUCLEAR PLANT OPERATIONS
NUCLEAR POWER GENERATION

June 9, 1983

Mr. John B. Martin, Regional Administrator
U.S. Nuclear Regulatory Commission, Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Re: Docket No. 50-275, OL-DPR-76
Diablo Canyon Unit 1
Licensee Event Report 83-014/01T-0
Malfunction of Limitorque Valve Operator

Dear Mr. Martin:

Pursuant to Section 6.9.1.12.i of the Technical Specifications, Appendix A to the Diablo Canyon Unit 1 Operating License, the enclosed Licensee Event Report is submitted concerning the malfunction of a Limitorque valve operator.

When I originally notified you of this event on May 26, 1983, it appeared that the cause was manual overtorquing of the valve operator, resulting in the torque switch arm wedging against the mounting bolt. The proposed corrective action at that time was to replace the existing mounting bolts with the original type. Subsequent investigation in conjunction with Limitorque, however, indicates that we need to evaluate the cause of the event in greater detail to prevent exacerbating the situation and to identify the specific valves susceptible to this phenomena. Therefore, a revised Licensee Event Report will be submitted once the investigation is completed.

This event in no way affects the public health and safety.

Very truly yours,

Enclosure

cc w/enc.: Mr. George W. Knighton, Chief
Licensing Branch No. 3
Division of Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Director, Office of Management
Information and Program Control
U.S. Nuclear Regulatory Commission, Washington, D. C. 20555
Service List

1/1
IE-22
83-126