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DIABLO CANYON UNIT 1  
DOCKET NO. 50-275  
LER 83-014/01T-1

SUPPLEMENTAL INFORMATION

The cause of the Limitorque operator torque switch binding was investigated further. It was found that the binding occurred because the original round-headed torque switch mounting screws had been replaced by screws having untapered hex-socket heads, which then interfered with the free movement of the torque switch arm.

The untapered mounting screws were substituted because the original screws had been found loose following shake table testing. This testing had been elevated beyond required seismic qualification levels, and it was not the basis of the Limitorque operator qualification. During the qualification tests, the original round-head mounting screws did not loosen.

The investigation also found that the use of the untapered hex-socket-head screws has no generic implications. The substitution was done in-house, and binding does not occur when using the original round-head screws provided by the manufacturers. New switches are designed to accommodate the untapered hex-socket head design. All of the untapered-head screws have been removed from the old-model torque switches, and replaced with round-head screws. Maintenance procedures are being modified to require the use of the type of screw supplied by the manufacturers when mounting torque switches.

PACIFIC GAS AND ELECTRIC COMPANY

PG&E

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JAMES D. SHIFFER  
MANAGER

DEPARTMENT OF NUCLEAR PLANT OPERATIONS  
NUCLEAR POWER GENERATION

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November 1, 1983

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

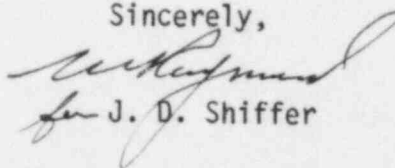
Re: Docket No. 50-275, OL-DPR-76  
Diablo Canyon Unit 1  
Licensee Event Report 83-014/01T-1

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 revision is submitted concerning the malfunction of a  
Limitorque valve operator.

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

Sincerely,

  
for J. D. Shiffer

Enclosure

cc: G. W. Knighton

Director, Office of Management Information  
and Program Control

Service List

IE-22