



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 24 1985

MEMORANDUM FOR: Thomas M. Novak, Assistant Director
for Licensing, DL

FROM: Dennis M. Crutchfield, Assistant Director
for Safety Assessment, DL

SUBJECT: DIABLO CANYON UNIT 2 OPERATING EXPERIENCE

This memorandum documents the Operating Reactors Assessment Branch's review of operating experience for Diablo Canyon 2 during the low power license period.

The low power license period considered in this survey extended from April 26, 1985 to June 21, 1985. During the nearly two month period, there were no events at the plant which were reportable under 10 CFR 50.72, nor were any LERs issued. Numerical results from this survey are compared with those from other recently licensed plants in Table 1. Both the number and frequency of reportable events for Diablo Canyon 2 during low power operation are below average. The data may be somewhat inconclusive, due to the short period of time and lack of operation outside of Mode 5.

Conclusion

Based on this survey of low power operating experience for Diablo Canyon 2 and a comparison with other plants, we conclude that operating experience at Diablo Canyon 2 appears to be more favorable than that at other recently licensed plants.

Dennis M. Crutchfield
Dennis M. Crutchfield, Assistant Director
for Safety Assessment, DL

Enclosure:
As stated

CONTACT:
W. Swenson, ORAB
x27876

8507030478 (2pp)XA

6 (2)

ENCLOSURE

TABLE 1

RATE OF REPORTED EVENTS AT
TEN SELECTED UNITS
DURING LOW POWER LICENSE PERIOD

Facility	Period of Low Power Operation Studied (Months)	Rate of Reported Events (Avg. No. Reports/Month)	
		50.72	LER*
<u>PWR</u>			
Callaway Unit 1	3.0	9	10
Catawaba Unit 1	6.0	5	5
Byron Unit 1	1.6	15**	15
Waterford Unit 3	3.0	7	2
Palo Verde Unit 1	4.5	8**	5
Wolf Creek	2.5	11**	13
Diablo Canyon 2	2.0	0	0
Average: 7 PWRs		8	7
<u>BWR</u>			
Susquehanna Unit 2	3.0	2	3
Limerick 1	2.8(1)	18	17
Limerick 1	3.0(2)	9	12
Fermi 2	3.0	8	9
Average: 3 BWRs		8	9

*Does not include reports from last 30 days of period due to delay in reporting

**Majority of reports are reoccurrence of two particular problems

- (1) Period is from October 26, 1984 to January 17, 1985
 (2) Period is from January 17, 1985 to April 15, 1985