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

April 12, 1984

NOTE FOR: Harold R. Denton
THRU: Darrell G. Eisenhut
Frank J. Miraglia
FROM: Gary M. Holahan
SUBJECT: DIABLO CANYON OPERATING EXPERIENCE

In response to your request for support for the upcoming Commission meeting on Diablo Canyon we have reviewed operating experience at the Diablo Canyon facility. The results of the review are discussed below.

The review included a survey of reported events at Diablo Canyon during the past 5 months (i.e., since reinstatement of the fuel load license) and a comparison of the event reports with reports from other recently licensed PWRs and BWRs filed during their low power license periods. The sources of event reports included prompt (telephone) notifications filed per 10 CFR 50.72 as well as Licensee Event Reports (LER) required by the Technical Specifications. Operating reactor event briefing summaries were also examined to identify the more significant events.

The numerical results of the review of LERs and 50.72 reports are shown in Table 1. They indicate that experience at Diablo Canyon during the low power license period has been fairly typical of other PWRs and BWRs. The types of events which have occurred during the low power license period at Diablo Canyon are similar to those which have occurred at other plants during this period. They include inadvertent actuation of engineered safety features (ESF), equipment malfunctions during testing, and minor procedural and personnel errors.

Review of operating reactor event briefing minutes indicates that two "significant" events have been reported for Diablo Canyon since November of 1983. They include flooding of the auxiliary building pipe tunnel due to a valve failure (11/83); and disabling of high pressure safety injection trains (charging pumps) during refill of the BIT Tank (4/84). Review of operating reactor event briefing minutes for the other plants listed in Table 1 indicates the following: no events reported for Susquehanna or Summer-1 during their low power license periods; one event each at LaSalle-1 and McGuire-2 were reported; and five events have been reported for Grand Gulf during its low power license period. Diablo Canyon performance regarding more significant events appears to be near that normally expected.

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Harold R. Denton

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Based on a rather quick review of Diablo Canyon operating experience and a comparison with other plants we conclude that Diablo Canyon performance during the low power license period is what we would typically expect from a new plant.

ORIGINAL SIGNED BY:

Gary M. Holahan

Enclosure:
Table 1

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TABLE 1
RATE OF REPORTED EVENTS AT
SIX SELECTED PLANTS
DURING LOW POWER LICENSE PERIOD

Facility	Period of Low Power License (months)	Rate of Reported Events (Avg. No. reports/month)	
		50.72	LER
PHR			
Diablo Canyon	5**	3	3
McGuire - 2	3	1-2	12
Summer - 1	3	1	14
BWR			
Grand Gulf	12*	10	21
LaSalle 1	4	1	19
Susquehanna 1	4	3	12

*The study period consists of the first 12 months of the low power license period. The actual period of the low power license will be longer than 12 months.

**Period runs from date fuel load permit reinstated to present.
 i.e. November 15, 1983 to April 11, 1984