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SUBJECT: Forwards "IST Program First Ten-Yr Insp Interval Diablo Canyon Power Plant,Units 1 & 2," reflecting Revs 9 & 6, respectively.

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March 21, 1994

PG&E Letter DCL-94-057

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Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Inservice Testing Program Plan, Revision 9/6

Gentlemen:

Enclosed for your information is the Diablo Canyon Power Plant Units 1 and 2 Inservice Testing Program Plan, Revision 9/6 (i.e., Revision 9 for Unit 1 and Revision 6 for Unit 2). A summary of the changes is also enclosed.

Sincerely,

Warner Fujimoto for

Gregory M. Rueger

Enclosure

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ENCLOSURE

DIABLO CANYON POWER PLANT UNITS 1 AND 2
INSERVICE TESTING PROGRAM PLAN, REVISION 9/6

SUMMARY OF CHANGES

A. Relief Requests

1. Added pump relief request #9, applicable to all pumps in IST program, regarding measurement of pump bearing temperature. The relief request was submitted by PG&E Letter DCL-91-132 (dated May 17, 1991) and approved by the NRC in its Safety Evaluation Report (SER) dated August 21, 1991.

2. Revised valve relief requests #9, 13, 14, and 23 to provide additional justification regarding disassembly and inspection of check valves 8942, 8977, 8981, and 5166/5167, respectively. These changes were discussed in PG&E Letters DCL-91-042 (February 27, 1991), DCL-91-112 (May 3, 1991), DCL-91-297 (December 11, 1991), and DCL-92-110 (May 1, 1992). The NRC approved these relief requests in its SER dated June 15, 1992.

3. Revised valve relief requests #18 and 21 to provide additional justification regarding disassembly and inspection of check valves 9011A&B and 9002A&B, respectively. These changes were discussed in PG&E Letters DCL-91-042 (February 27, 1991), DCL-91-112 (May 3, 1991), DCL-91-297 (December 11, 1991), and DCL-92-110 (May 1, 1992). These changes conform to positions provided in NRC Generic Letter 89-04 and are therefore considered pre-approved, as concurred with by the NRC in their letter dated June 15, 1992.

4. Withdrew pump relief request #3 (diesel fuel oil transfer pumps 01 and 02) and valve relief request #5 (diesel air start valves). See item B.1 below.

5. Withdrew valve relief request #8 regarding charging injection check valves 8820, 8900A, 8900B, 8900C, and 8900D. These valves can now be tested during cold shutdowns (instead of refueling outages per the relief request) because of a design change that removed the boron injection tank (BIT) and reduced the boron concentration from 12 percent to 4 percent. Cold Shutdown Testing Statement #33 has been added to document the new testing frequency.

B. Deletion of Components from IST Program Plan

1. Deleted pumps and valves in the diesel air start and diesel fuel oil systems. Deleted associated relief requests: pump relief request #3

and valve relief request #5. The specific components that were deleted and rationale for this change were submitted to the NRC in PG&E Letter DCL-92-236, dated October 26, 1992. As indicated in that letter, these components are being removed from the scope of the IST program because they are not in a Class 1, 2, or 3 system and, therefore, are not subject to ASME Section XI testing requirements.

2. Deleted valves 8870 A&B, 8911, and 8912, which were removed by the BIT removal design change.

3. Deleted valves FCV-360 and FCV-366. Due to a design change, they no longer function as valves.

C. **Addition of Components to IST Program Plan**

1. Added new residual heat removal (RHR) heat exchanger discharge check valves 8742 A&B and associated Cold Shutdown Testing Statement #31. These check valves were added to the plant as a result of a design change to prevent pump-to-pump interaction problems with the RHR pumps when operating against shutoff head.

2. Added new condensate storage tank hydrazine mixing pump discharge check valve MU-1555. The valve was added to the plant as a result of a design change.

3. Added volume control tank outlet check valve 8440 and associated Cold Shutdown Testing Statement #32. The check valve was recently identified as having a safety function to close. Reference: PG&E Letter DCL-92-111 (LER 1-92-001), dated April 30, 1992; Nonconformance Report DCO-91-TN-N048.

D. **Motor-Operated Valve (MOV) Stroke Time Changes**

1. The following MOV maximum allowed stroke times were changed due to design changes associated with NRC Generic Letter 89-10 MOV testing and associated design basis review activities.

MOV	Stroke Time (sec)	
	New	Old
FCV-37 and 38 (*)	30	10
FCV-95	30	15
8107 and 8108	14	10
8802 A&B	20	10
8807 A&B	20	10
8808 A,B,C,D	30	12
8809 A&B	20	15
8821 A&B	20	15

8835	20	15
8923 A&B	30	15
8982 A&B	25	30
8716 A&B	20	15
FCV-750	30	10
FCV-641 A&B	10	15
8974 A&B	10	15
8976	20	15

(*) Added requirement to stroke close in addition to stroke open.

2. The closing stroke times for the following feedwater regulating and bypass valves were increased in accordance with License Amendments 77 and 76 to Technical Specification 4.7.1.7.1.

MOV	Stroke Time (sec)	
	New	Old
FCV-510	7	5
FCV-520	7	5
FCV-530	7	5
FCV-540	7	5
FCV-1510	7	5
FCV-1520	7	5
FCV-1530	7	5
FCV-1540	7	5

3. The closing stroke times for the following auxiliary saltwater valves were increased in conjunction with replacement of Rotork operators with Limitorque operators. These limits are administrative only.

MOV	Stroke Time (sec)	
	New	Old
FCV-495	30	15
FCV-496	30	15
FCV-601	30	15

E. **Miscellaneous Changes**

1. Deleted reference for differential pressure requirement for auxiliary feedwater pumps as a result of a change to Technical Specification 3.7.1.2 (reference License Amendment 61 and 62).

2. Various procedure reference changes were incorporated. These changes are considered nontechnical in nature.

3. Residual heat removal heat exchanger outlet valves, HCV-637 and HCV-638, were changed from butterfly to ball valves.