

Barry S. Allen Site Vice President

10 CFR 50.90

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July 28, 2014

PG&E Letter DCL-14-058

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C. 20555-0001

Diablo Canyon Units 1 and 2 Docket No. 50-275, OL-DPR-80 Docket No. 50-323, OL-DPR-82 <u>License Amendment Request 14-03</u> <u>License Amendment Request for Adoption of Technical Specification Task Force</u> <u>Traveler TSTF-432, Revision 1, "Change in Technical Specification End States</u> (WCAP-16294)"

Dear Commissioners and Staff:

Pursuant to 10 CFR 50.90, Pacific Gas and Electric Company (PG&E) hereby requests approval of the enclosed proposed amendment to Facility Operating License Nos. DPR-80 and DPR-82 for Units 1 and 2 of the Diablo Canyon Power Plant, respectively. The enclosed license amendment request (LAR) proposes to modify the Technical Specifications (TS) to risk-inform requirements regarding selected Required Action End States.

The enclosure provides an evaluation of the proposed change. Attachment 1 to the Enclosure provides markup pages of existing TS to show the proposed change. Attachment 2 to the Enclosure provides revised (clean) TS pages. Attachment 3 to the Enclosure provides the marked up TS Bases for information only.

PG&E submitted the LAR for Technical Specification Task Force traveler TSTF-505 in PG&E Letter DCL-13-106, "License Amendment Request 13-02 Revision to Technical Specifications to Adopt Risk Informed Completion Times TSTF-505, Revision 1, 'Provide Risk-Informed Extended Completion Times – RITSTF Initiative 4B," dated November 25, 2013. The LAR for TSTF-505 revised some of the same TS pages as those revised by this LAR. The required TS changes to the TSTF-505 TS contained in Attachment 2 to PG&E Letter DCL-13-106 to appropriately implement TSTF-432, Revision 1, are contained in Attachment 4 to the Enclosure.

PG&E requests approval of this LAR no later than July 29, 2015. PG&E requests the license amendments be made effective upon NRC issuance, to be implemented within 120 days from the date of issuance.

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PG&E makes no regulatory commitments (as defined by NEI 99-04) in this letter. This letter includes no revisions to existing regulatory commitments.

In accordance with site administrative procedures and the Quality Assurance Program, the proposed amendment has been reviewed by the Plant Staff Review Committee.

Pursuant to 10 CFR 50.91, PG&E is sending a copy of this proposed amendment to the California Department of Public Health.

If you have any questions or require additional information, please contact Mr. Tom Baldwin at 805-545-4720.

I state under penalty of perjury that the foregoing is true and correct.

Executed on July 28, 2014.

Sincerely,

Barry S. Alle

Barry S. Allen Site Vice President

kjse/4328 SAPN 50636291 Enclosure cc: Diablo Distribution cc/enc: Peter J. Bamford, NRR Project Manager Marc L. Dapas, NRC Region IV Thomas R. Hipschman, NRC Senior Resident Inspector Gonzalo L. Perez, Branch Chief, California Dept of Public Health

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Evaluation of the Proposed Change

License Amendment Request 14-03 License Amendment Request for Adoption of Technical Specification Task Force Traveler TSTF-432, Revision 1, "Change in Technical Specification End States (WCAP-16294)"

1. DESCRIPTION

- 2. ASSESSMENT
 - 2.1 Applicability of Topical Report, TSTF-432, and Published Safety Evaluation
 - 2.2 Optional Changes and Variations

3. REGULATORY EVALUATION

- 3.1 Significant Hazards Consideration
- 3.2 Applicable Regulatory Requirements/Criteria

4. ENVIRONMENTAL EVALUATION

5. REFERENCES

ATTACHMENTS:

- 1. Proposed Technical Specification Changes
- 2. Revised Technical Specification Page(s)
- 3. Technical Specification Bases Changes
- 4. Proposed Technical Specification Changes for Proposed TSTF-505 Technical Specifications

EVALUATION

1. DESCRIPTION

This letter is a request to amend Operating Licenses DPR-80 and DPR-82 for Units 1 and 2 of the Diablo Canyon Power Plant (DCPP), respectively. The proposed amendment would modify technical specifications (TS) to risk-inform requirements regarding selected Required Action End States. The changes are consistent with Technical Specification Task Force (TSTF) Standard Technical Specification (STS) Change Traveler TSTF-432, Revision 1, "Change in Technical Specifications End States (WCAP-16294)," (Reference 1). The availability of this TS improvement was announced in the Federal Register on May 11, 2012 (77 FR 27814) (Reference 2), as part of the consolidated line item improvement process (CLIIP).

2. ASSESSMENT

2.1 <u>Applicability of Topical Report, TSTF-432, and Published Safety</u> <u>Evaluation</u>

Pacific Gas and Electric Company (PG&E) has reviewed Westinghouse Topical Report (TR) WCAP-16294 (Reference 3), the Nuclear Regulatory Commission (NRC) safety evaluation (SE) for WCAP-16294 (Reference 4), TSTF-432, Revision 1 (Reference 1), and the NRC model SE in Reference 2. PG&E has concluded that the technical bases described in the WestinghouseTR and TSTF-432, as well as the associated SEs prepared by the NRC staff are applicable to DCPP Units 1 and 2 and support incorporation of this amendment request into the DCPP Units 1 and 2 TS.

Table 1, "Summary of DCPP Units 1 and 2 Proposed Changes to End States," is included in this License Amendment Request (LAR) to provide a summary comparison of the proposed DCPP end state changes to those changes approved in the NRC Staff's model SE. Table 1 is based on the table titled, "Proposed Changes to End States," contained in the NRC Staff's model SE (Pages 7-9).

PG&E previously submitted an LAR for TSTF-505 in PG&E Letter DCL-13-106, "License Amendment Request 13-02 Revision to Technical Specifications to Adopt Risk Informed Completion Times TSTF-505 (ML13330A557), Revision 1, 'Provide Risk-Informed Extended Completion Times – RITSTF Initiative 4B,'" dated November 25, 2013. The LAR for TSTF-505 includes changes to TS 3.3.2, 3.6.6.A, 3.7.7, 3.7.8, 3.8.1, 3.8.4, 3.8.7, and 3.8.9, including addition of new TS Conditions for inoperability of multiple channels, trains, or systems that results in a complete loss of safety function (e.g., two engineered safety feature actuation system instrumentation trains inoperable, one containment spray train and two containment fan cooling unit trains inoperable, two or more Diesel Generators (DGs) and one or more required offsite circuits inoperable). The TSTF-432 changes to TS 3.3.2, 3.6.6.A, 3.7.7, 3.7.8, 3.8.1, 3.8.4, 3.8.7, and 3.8.9 do not include conditions in which there is a complete loss of safety function. The required revisions to the TS contained in the LAR for TSTF-505 to appropriately implement the TSTF-432 changes (for TS conditions where there is no complete loss of safety function) are described in the Notes column in Table 1. The required TS changes to the TS contained in Attachment 2 to PG&E Letter DCL-13-106 are contained in Attachment 4 to the Enclosure of this letter.

2.2 Optional Changes and Variations

PG&E is not proposing any variations or deviations from the Westinghouse topical report, the TS changes described in the TSTF-432 Revision 1, or the NRC Staff's model SE published in the Federal Register on May 11, 2012 (77 FR 27814), as part of the CLIIP Notice of Availability.

3. REGULATORY EVALUATION

3.1 Significant Hazards Consideration

PG&E has evaluated whether or not a significant hazards consideration is involved with the proposed amendment by focusing on the three standards set forth in 10 CFR 50.92, "Issuance of amendment," as discussed below:

1. Does the proposed change involve a significant increase in the probability or consequences of an accident previously evaluated?

Response: No.

The proposed change modifies the end state (e.g., mode or other specified condition) which the Required Actions specify must be entered if compliance with the Limiting Conditions for Operation (LCO) is not restored. The requested Technical Specifications (TS) permit an end state of Mode 4 rather than an end state of Mode 5 contained in the current TS. In some cases, other Conditions and Required Actions are revised to implement the proposed change. Required Actions are not an initiator of any accident previously evaluated. Therefore, the proposed change does not affect the probability of any accident previously evaluated. The affected systems continued to be required to be operable by the TS and the Completion Times specified in the TS to restore equipment to operable status or take other remedial Actions remain

unchanged. WCAP-16294-NP-A, Revision 1, "Risk-Informed Evaluation of Changes to Tech Spec Required Action Endstates for Westinghouse NSSS PWRs," demonstrates that the proposed change does not significantly increase the consequences of any accident previously evaluated.

Therefore, the proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated.

2. Does the proposed change create the possibility of a new or different accident from any accident previously evaluated?

Response: No.

The proposed change modifies the end state (e.g., mode or other specified condition) which the Required Actions specify must be entered if compliance with the LCO is not restored. In some cases, other Conditions and Required Actions are revised to implement the proposed change. The change does not involve a physical alteration of the plant (i.e., no new or different type of equipment will be installed) or a change in the methods governing normal plant operation. In addition, the change does not impose any new requirements. The change does not alter assumptions made in the safety analysis.

Therefore, the proposed change does not create the possibility of a new or different accident from any accident previously evaluated.

3. Does the proposed change involve a significant reduction in a margin of safety?

Response: No.

The proposed change modifies the end state (e.g., mode or other specified condition) which the Required Actions specify must be entered if compliance with the LCO is not restored. In some cases, other Conditions and Required Actions are revised to implement the proposed change. Remaining within the Applicability of the LCO is acceptable because WCAP-16294-NP-A demonstrates that the plant risk in MODE 4 is similar to, or lower than, MODE 5. As a result, no margin of safety is significantly affected.

Therefore, the proposed change does not involve a significant reduction in a margin of safety.

Based on the above evaluation, PG&E concludes that the proposed change does not involve a significant hazards consideration under the

standards set forth in 10 CFR 50.92(c), and accordingly, a finding of "no significant hazards consideration" is justified.

3.2 Applicable Regulatory Requirements/Criteria

A description of the proposed TS change and its relationship to applicable regulatory requirements were published in the Federal Register Notice of Availability on May 11, 2012 (77 FR 27814). PG&E has reviewed the NRC Staff's model SE referenced in the CLIIP Notice of Availability and concluded that the regulatory evaluation section is applicable to DCPP Units 1 and 2.

4. ENVIRONMENTAL CONSIDERATION

PG&E has evaluated the proposed amendment and has determined that the proposed amendment does not involve (i) a significant hazards consideration, (ii) a significant change in the types or significant increase in the amounts of any effluents that may be released offsite, or (iii) a significant increase in individual or cumulative occupational radiation exposure. Accordingly, the proposed amendment meets the eligibility criterion for categorical exclusion set forth in 10 CFR 51.22(c)(9). Therefore, pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the proposed amendment.

5. REFERENCES

- 1. TSTF-432, Revision 1, "Change in Technical Specifications End States WCAP-16294," dated November 29, 2010 (NRC ADAMS Accession number ML103360003).
- 2. Federal Register, (77 FR 27814), "Model Safety Evaluation for Plant-Specific Adoption of Technical Specifications Task Force Traveler TSTF-432, Revision 1, 'Change in Technical Specifications End States (WCAP-16294)' Using the Consolidated Line Item Improvement Process," May 11, 2012.
- 3. WCAP-16294-NP-A, Revision 1, "Risk-Informed Evaluation of Changes to Technical Specification Required Action Endstates for Westinghouse NSSS PWRs," June 2010 (NRC ADAMS Accession Number ML052620374).
- Final Safety Evaluation for NEI Topical Report WCAP-16294-NP, Revision 0, "Risk- Informed Evaluation of Changes to Technical Specification Required Endstates for Westinghouse NSSS [Nuclear Steam Supply System] PWRs [Pressurized Water Reactors]," March 29, 2010 (NRC ADAMS Accession Number ML100820533).

 PG&E Letter DCL-13-106, "License Amendment Request 13-02 Revision to Technical Specifications to Adopt Risk Informed Completion Times TSTF-505, Revision 1, 'Provide Risk-Informed Extended Completion Times – RITSTF Initiative 4B," dated November 25, 2013 (ML 13330A557).

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|--|---|---|---|-------------------------------------|--|
| 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation Functions: 1.a, 2.a, 3.a(1), 3.b(1), and 7.a | 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation Functions: 1.a, 2.a, 3.a(1), and 3.b(1) | B.2.2 BB.2 (for LAR 13-02 for TSTF- 505 Revision 1) | Mode 5 in 84 hours | Mode 4 in 60 hours | The DCPP TS do not include the NUREG-1431 Function 7.a for Automatic Switchover to Containment Sump: Automatic Action Logic and Actuation Relays. In DCPP Units 1 and 2 the switchover to containment sump recirculation is accomplished manually. TS 3.3.2 Condition BB, Required Actions BB.1 and BB.2 contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.3.2, Condition B in Attachment 1 of this LAR not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. TS 3.3.2, Condition CC, Required Actions CC.1 and CC.2 contained in LAR 13-02 for TSTF-505, Revision 1, require unit to be in MODE 3 in 6 hours and MODE 4 in 12 hours. Upon approval of this LAR, the Condition BB applicable to TS 3.3.2, Condition B not met contained in LAR 13-02 for TSTF-505, Revision 1 (same as TS 3.3.2, Condition B of this LAR), would be changed to apply to the Required Action and associated Completion Time of Conditions B, D, F, G, H, I, J, K, L, U, or V not met, and the Required Action BB.2 would be revised to be in MODE 4 in 12 hours (MODE 3 time plus 6 hours). A note would be added to Required Action BB.2 that LCO 3.0.4.a is not applicable when entering MODE 4. Condition CC would be changed to apply to the Required Action and associated Completion Time of Conditions C, E, S, T, X, Y, Z, or AA not met and the Required Action CC.2 would be revised to be in MODE 5 in 36 hours. See Attachment 4 to the Enclosure for the TS markup. |

Table 1 - Summary of DCPP Units 1 and 2 Proposed Changes to End States

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| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|---|---|---|-------------------------------------|---|
| 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation Functions: 1.b, 2.b, 3.a(2), and 3.b(2) | 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation Functions: 1.b, 2.b, 3.a(2), and 3.b(2) | C.2.2 BB.2 (for LAR 13-02 for TSTF- 505 Revision 1) | Mode 5 in 60 hours | Mode 4 in 36 hours | TS 3.3.2 Condition BB, Required Actions BB.1 and BB.2 contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.3.2 Condition C in Attachment 1 of this LAR not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. TS 3.3.2, Condition CC, Required Actions CC.1 and CC.2 contained in LAR 13-02 for TSTF-505, Revision 1, require unit to be in MODE 3 in 6 hours and MODE 4 in 12 hours. Upon approval of this LAR, the Condition BB applicable to TS 3.3.2, Condition D not met contained in LAR 13-02 for TSTF-505 Rev.1 (same as TS 3.3.2, Condition C of this LAR) would be changed to apply to the Required Action and associated Completion Time of Conditions B, D, F, G, H, I, J, K, L, U, or V not met and the Required Action BB.2 would be revised to be in MODE 4 in 12 hours (MODE 3 time plus 6 hours). A note would be added to Required Action BB.2 that LCO 3.0.4.a is not applicable when entering MODE 4. Condition CC would be changed to apply to the Required Action Time of Condition Time of Condition Time of Condition Time of Condition C 3.0.4.a is not applicable when entering MODE 4. Condition CC would be changed to apply to the Required Action and associated Completion Time of Conditions C, E, S, T, X, Y, Z, or AA not met and the Required Action and associated Completion Time of Conditions C, E, S, T, X, Y, Z, or AA not met and the Required Action and associated Completion Time of Conditions C, E, S, T, X, Y, Z, or AA not met and the Required Action and associated Completion Time of Conditions C, E, S, T, X, Y, Z, or AA not met and the Required Action CC.2 would be revised to be in MODE 5 in 36 hours. See Attachment 4 to the Enclosure for the TS markup. |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|--|---------------------------|---|-------------------------------------|--|
| 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation Functions: 7.b and 7.c | N/A | | | | The DCPP TS do not include the NUREG-1431, Function 7.b Automatic Switchover to Containment Sump-Refueling Water Storage Tank (RWST) Level – Low Low Coincident with Safety Injection, or Function 7.c Automatic Switchover to Containment Sump- RWST Level – Low Low Coincident with Safety Injection and Coincident with Containment Sump Level – High. In DCPP Units 1 and 2, the switchover to containment sump recirculation is accomplished manually. |
| 3.3.7 Control Room Emergency Filtration System (CREFS) Actuation Instrumentation | 3.3.7 Control Room Ventilation System (CRVS) Actuation Instrumentation | C.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |
| 3.3.8 Fuel Building Air Cleanup System (FBACS) Actuation Instrumentation | 3.3.8 Fuel Building Ventilation System (FBVS) Actuation Instrumentation | N/A | | | The DCPP FBVS actuation instrumentation specified in TS 3.3.8 is only required Operable during movement of recently irradiated fuel assemblies in the fuel handling building. |
| 3.4.13 RCS Operational Leakage | 3.4.13 RCS Operational LEAKAGE | B.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |
| 3.4.14 RCS Pressure Isolation Valve Leakage | 3.4.14 RCS Pressure Isolation Valve (PIV) Leakage | B.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |
| 3.4.15 RCS Leakage Detection Instrumentation | 3.4.15 RCS Leakage Detection Instrumentation | F.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | The affected NUREG-1431 Required Action is E.2. The corresponding DCPP Required Action is F.2. |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|--|--|---------------------------|---|-------------------------------------|--|
| 3.5.3 ECCS - Shutdown | 3.5.3 ECCS - Shutdown | C.1 | Mode 5 in 24 hours | See note | In accordance with TSTF-432, Condition B and C of TS 3.5.3 are deleted. This change would allow DCPP Units 1 and 2 remain in Mode 4 rather than transitioning to Mode 5. Also, in accordance with TSTF-432, Condition A and Required Action A.1 is revised to refer to the "required ECCS train" consistent with the LCO requirement for one ECCS train to be Operable. |
| 3.5.4 Refueling Water Storage Tank (RWST) | 3.5.4 Refueling Water Storage Tank (RWST) | C.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|--|---|--|---|--|---|
| 3.6.6A Containment Spray and Cooling Systems (Atmospheric and Dual) | 3.6.6 Containment Spray and Cooling Systems | B.2 E.2 F.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 84 hours Mode 5 in 36 hours | Mode 4 in 54 hours Mode 4 in 12 hours | TS 3.6.6, Condition F, Required Actions F.1 and F.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.6.6, Conditions C, D, or E not met, require the units to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Note, the current TS 3.6.6 Conditions E and F are revised by LAR 13-02 for TSTF-505, Revision 1. Upon approval of this LAR, the Condition F contained in LAR 13-02 for TSTF-505, Revision 1, would be revised to apply to the Required Action and associated Completion Time of Condition C or D not met and Required Action F.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action F.2 that LCO 3.0.4.a is not applicable when entering MODE 4. In addition, a new Condition E (Two containment spray trains inoperable <u>OR</u> One containment spray trains inoperable <u>OR</u> One containment spray trains inoperable <u>OR</u> Concentainment spray trains inoperable <u>OP</u> Net Context and the CFCU system inoperable such that one or less CFCUs remain OPERABLE <u>OR</u> the CFCU system inoperable such that one or less CFCUs remain OPERABLE) not met with Required Action G.2 to be in MODE 5 in 36 hours (the existing end states for TS 3.6.6). |
| 3.6.6B Containment Spray and Cooling Systems (Atmospheric and Dual) | N/A | | | | Not applicable to DCPP Units 1 and 2 where credit is taken for iodine removal by the Containment Spray consistent with NUREG-1431 TS 3.6.6A (above). |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|--------------------------------|---------------------------|---|-------------------------------------|---|
| 3.6.6C Containment Spray System (Ice Condenser) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.6D Quench Spray (QS) System (Subatmospheric) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.6E Recirculation Spray (RS) System (Subatmospheric) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.7 Spray Additive System (Atmospheric, Subatmospheric, Ice Condenser, and Dual) | 3.6.7 Spray Additive System | В.2 | Mode 5 in 84 hours | Mode 4 in 54 hours | |
| 3.6.11 lodine Cleanup System (ICS) (Atmospheric and Subatmospheric) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.12 Vacuum Relief Valves (Atmospheric and Ice Condenser) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.13 Shield Building Air Cleanup System (SBACS) (Dual and Ice Condenser) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|--|---|---|-------------------------------------|--|
| 3.6.14 Air Return System (ARS) (Ice Condenser) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.6.18 Containment Recirculation Drains (Ice Condenser) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.7.7 Component Cooling Water (CCW) System | 3.7.7 Vital Component Cooling Water (CCW) System | B.2 C.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 36 hours | Mode 4 in 12 hours | TS 3.7.7, Condition C, Required Actions C.1 and C.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.7.7 Conditions A or B not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Upon approval of this LAR, Condition C contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Condition A not met and Required Action C.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action C.2 that LCO 3.0.4.a is not applicable when entering MODE 4. In addition, a new Condition B (two vital component cooling water (CCW) loops inoperable) not met with Required Action D.1 to be in MODE 3 in 6 hours and Required Action D.2 to be in MODE 5 in 36 hours (the existing end states for TS 3.7.7). |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|---|---|---|-------------------------------------|---|
| 3.7.8 Service Water System (SWS) | 3.7.8 Auxiliary Saltwater (ASW) System | B.2 C.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 36 hours | Mode 4 in 12 hours | TS 3.7.8, Condition C, Required Actions C.1 and C.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.7.8 Conditions A or B not met, require unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Upon approval of this LAR, Condition C contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Condition A not met and Required Action C.2 would be changed to require unit to be in MODE 4 in 12 hours. A note would be added to Required Action C.2 that LCO 3.0.4.a is not applicable when entering MODE 4. |
| 3.7.9 Ultimate Heat Sink (UHS) | 3.7.9 Ultimate Heat Sink (UHS) | В.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | The affected NUREG-1431 Required Action is C.2. The corresponding DCPP Required Action is B.2. |
| 3.7.10 Control Room Emergency Filtration System (CREFS) | 3.7.10 Control Room Ventilation System (CRVS) | C.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---|--|---------------------------|---|-------------------------------------|--|
| 3.7.11 Control Room Emergency Air Temperature Control System (CREATCS) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |
| 3.7.12 Emergency Core Cooling System (ECCS) Pump Room Exhaust Air Cleanup System (PREACS) | 3.7.12 Auxiliary Building Ventilation System (ABVS) | C.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | |
| 3.7.13 Fuel Building Air Cleanup System (FBACS) | 3.7.13 Fuel Handling Building Ventilation System (FHBVS) | N/A | | | The DCPP FHBVS is only required Operable during movement of recently irradiated fuel assemblies in the fuel handling building. |
| 3.7.14 Penetration Room Exhaust Air Cleanup System (PREACS) | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---------------------------------|---------------------------------|---|---|-------------------------------------|--|
| 3.8.1 AC Sources – Operating | 3.8.1 AC Sources - Operating | H.2 J.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 36 hours | Mode 4 in 12 hours | The affected NUREG-1431 Required Action is G.2. The corresponding DCPP Required Action is H.2. TS 3.8.1, Condition J, Required Actions J.1 and J.2 contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.8.1 Conditions A through I not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Note, the current TS 3.8.1, Conditions H, I, and J are revised by the LAR 13-02 for TSTF-505, Revision 1. Upon approval of this LAR, Condition J contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Conditions A through G not met and Required Action J.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action J.2 that LCO 3.0.4.a is not applicable when entering MODE 4. In addition, a new Condition K would be added to apply to the Required Action and associated Completion Time of Conditions H (two or more DGs inoperable AND one or more required offsite circuits inoperable) or I (one or more DGs inoperable AND two required diffsite circuits inoperable) not met with Required Action K.1 to be in MODE 5 in 36 hours (the TSTF-505 end state for TS 3.8.1 Condition Required Actions not met). |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|---------------------------------|---------------------------------|---|---|-------------------------------------|--|
| 3.8.4 DC Sources – Operating | 3.8.4 DC Sources - Operating | E.2 F.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 36 hours | Mode 4 in 12 hours | The affected NUREG-1431 Required Action is D.2. The corresponding DCPP Required Action is E.2. TS 3.8.4, Condition F, Required Actions F.1 and F.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.8.4 Conditions A through E not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Upon approval of this LAR, Condition F contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Conditions A through D not met and Required Action F.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action F.2 that LCO 3.0.4.a is not applicable when entering MODE 4. |
| | | | | | In addition, a new Condition G would be added to apply to the Required Action and associated Completion Time of Condition E (two DC electrical power subsystems inoperable) not met with Required Action G.1 to be in MODE 3 in 6 hours and Required Action G.2 to be in MODE 5 in 36 hours (the TSTF-505 end state for TS 3.8.4 Condition Required Actions not met). |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|--------------------------------|-------------------------------|---|---|-------------------------------------|---|
| 3.8.7 Inverters – Operating | 3.8.7 Inverters- Operating | B.2 C.2 (for LAR 13-02 for TSTF- 505 Rev.1) | Mode 5 in 36 hours | Mode 4 in 12 hours | TS 3.8.7, Condition C, Required Actions C.1 and C.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.8.7 Conditions A or B not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Upon approval of this LAR the Condition C contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Condition A not met and Required Action C.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action C.2 that LCO 3.0.4.a is not applicable when entering MODE 4. In addition, a new Condition D would be added to apply to the Required Action and associated Completion Time of Condition B (two or more required inverters inoperable) not met with Required Action D.1 to be in MODE 3 in 6 hours and Required Action D.2 to be in MODE 5 in 36 hours (the TSTF-505 end state for TS 3.8.7 Condition Required Actions not met). |

| NUREG-1431 TS | DCCP TS | TS Required Actions | Current End State(s), Completion Times (CTs) | Proposed End State(s), CTs | Notes The Affected NUREG-1431 TS Numbers and Titles are Provided for Comparison |
|--|---|---------------------------|---|-------------------------------------|---|
| 3.8.9 Distribution Systems – Operating | 3.8.9 Distribution Systems-Operating | D.2 | Mode 5 in 36 hours | Mode 4 in 12 hours | TS 3.8.9, Condition D, Required Actions D.1 and D.2, contained in LAR 13-02 for TSTF-505, Revision 1, applicable to TS 3.8.9 Conditions A through C not met, requires the unit to be in MODE 3 in 6 hours and MODE 5 in 36 hours. Note: the current TS 3.8.9 Condition E is removed by LAR 13-02 for TSTF-505, Revision 1. Upon approval of this LAR, Condition D contained in LAR 13-02 for TSTF-505, Revision 1 would be revised to apply to the Required Action and associated Completion Time of Condition A, B, or C not met AND one AC electrical power distribution subsystem inoperable OR one 120 VAC vital bus subsystem inoperable OR one DC electrical power distribution subsystem inoperable, and Required Action D.2 would be changed to require the unit to be in MODE 4 in 12 hours. A note would be added to Required Action D.2 that LCO 3.0.4.a is not applicable when entering MODE 4. |
| [Recirculation Fluid pH Control System] | N/A | | | | Not included in the DCPP Units 1 and 2 TS. |

Enclosure Attachment 1 PG&E Letter DCL-14-058

Proposed Technical Specification Change(s)

3.3 INSTRUMENTATION

- 3.3.2 Engineered Safety Feature Actuation System (ESFAS) Instrumentation
- LCO 3.3.2 The ESFAS instrumentation for each Function in Table 3.3.2-1 shall be OPERABLE.

APPLICABILITY: According to Table 3.3.2-1.

ACTIONS

| | CONDITION | R | EQUIRED ACTION | COMPLETION TIME |
|----|---|--|--|----------------------|
| Α. | One or more Functions with one or more required channels or trains inoperable. | A.1 | Enter the Condition referenced in Table 3.3.2-1 for the channel(s) or train(s). | Immediately |
| В. | One channel or train inoperable. | В.1 <u>OR</u> | Restore channel or train to OPERABLE status. | 48 hours Insert 1 |
| | | B.2.1 | Be in MODE 3 | 54 hours |
| | | | AND | |
| | | B.2.2 | Be in MODE <u>54</u> . | 84- <u>60 hours</u> |
| C. | One train inoperable. | | NOTE | а |
| | | One tra up to 4 testing p OPERA | in may be bypassed for hours for surveillance provided the other train is BLE. | |
| | | C.1 | Restore train to OPERABLE status. | 24 hours isert 1 |
| | | C.2.1 | Be in MODE 3 | 30 hours |
| | | C.2.2 | Be in MODE <u>54</u> . | 60- <u>36 h</u> ours |
| | - | l | | (continued) |

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3.3 INSTRUMENTATION

3.3.7 Control Room Ventilation System (CRVS) Actuation Instrumentation

LCO 3.3.7 The CRVS actuation instrumentation for each Function in Table 3.3.7-1 shall be OPERABLE.

APPLICABILITY: According to Table 3.3.7-1.

ACTIONS

-----NOTES-----NOTES1. Separate Condition entry is allowed for each Function.

2. Functions are common to both units.

| | CONDITION | F | REQUIRED ACTION | COMPLETION TIME |
|----|---|-------------------|---|---------------------------------|
| Α. | One or more Functions with one channel or train inoperable. | A.1 | Place one CRVS train in pressurization mode. | 7 days |
| B. | One or more Functions with two channels or two trains inoperable. | B.1.1 | Place one CRVS train in pressurization mode. | Immediately |
| | | B.1.2 | Enter applicable Conditions and Required Actions for one CRVS train made inoperable by inoperable CRVS actuation instrumentation. | Immediately |
| C | Required Action and | C.1 | Be in MODE 3 | 6 hours |
| 0. | associated Completion Time for Condition A or B not met in MODE 1, 2, 3, or 4. | <u>AND</u> C.2 | Be in MODE <u>54</u> . | 36 - <u>12 hours</u> |

(continued)

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3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.13 RCS Operational LEAKAGE

- LCO 3.4.13 RCS operational LEAKAGE shall be limited to:
 - a. No pressure boundary LEAKAGE;
 - b. 1 gpm unidentified LEAKAGE;
 - c. 10 gpm identified LEAKAGE; and
 - d. 150 gallons per day primary to secondary LEAKAGE through any one steam generator (SG).

APPLICABILITY: MODES 1, 2, 3*, and 4*.

ACTIONS

| CONDITION | | REQUIRED ACTION | | COMPLETION TIME | |
|-----------|--|-------------------|----------------------------------|---------------------------------|---|
| Α. | RCS operational LEAKAGE not within limits for reasons other than pressure boundary LEAKAGE or primary to secondary LEAKAGE. | A.1 | Reduce LEAKAGE to within limits. | 4 hours | |
| В. | Required Action and associated Completion Time of Condition A not met. <u>OR</u> | B.1 <u>AND</u> | Be in MODE 3. | 6 hours Insert 1 | |
| | Pressure boundary LEAKAGE exists. | B.2 | Be in MODE <u>54</u> . | 36 - <u>12</u> hours | |
| 5 | <u>OR</u> Primary to secondary LEAKAGE not within limit. | | | | - |

* For MODES 3 and 4, if steam generator water samples indicate less than the minimum detectable activity of 5.0 E-7 microcuries/ml for principal gamma emitters, the leakage requirement of specification 3.4.13.d. may be considered met.

3.4-27

Unit 1 - Amendment No. 135 142, 194, Unit 2 - Amendment No. 135 142, 195, ACTIONS

| CONDITION | REQUIRED ACTION | | COMPLETION TIME | |
|--------------------------|-----------------|--|--------------------|--|
| A. (continued) | A.2.1 | Isolate the high pressure portion of the affected system from the low pressure portion by use of a second closed manual, deactivated automatic, or check valve. | 72 hours | |
| | | OR | | |
| | A.2.2 | Restore RCS PIV to within limits. | 72 hours | |
| B. Required Action and | B.1 | Be in MODE 3. | 6 hours | |
| Time for Condition A not | AND | | Insert 1 | |
| met. | B.2 | e in MODE <u>54</u> . | <u>36-12</u> hours | |

SURVEILLANCE REQUIREMENTS

| Ъ | FREQUENCY | | |
|-------------|-----------|---|-------------|
| SR 3.4.14.1 | | NOTES | |
| | 1. | Not required to be performed in MODES 3 and 4. | |
| | 2. | Not required to be performed on the RCS PIVs located in the RHR flow path when in the shutdown cooling mode of operation. | |
| | 3. | RCS PIVs actuated during the performance of this Surveillance are not required to be tested more than once if a repetitive testing loop cannot be avoided. | |
| 11 | | | (continued) |

RCS Leakage Detection Instrumentation 3.4.15

ACTIONS (continued)

| CONDITION | | REQUIRED ACTION | | COMPLETION TIME |
|-----------|--|--------------------------|---|---|
| D. | Any containment sump monitor inoperable. <u>AND</u> | D.1 | Analyze grab samples of the containment atmosphere. | Once per 12 hours |
| | Containment atmosphere particulate radioactivity monitor inoperable. <u>AND</u> | <u>AND</u> D.2.1 | Restore containment sump monitor to OPERABLE status. <u>OR</u> | 7 days |
| | Required CFCU condensate collection monitor inoperable. | D.2.2 | Restore containment atmosphere particulate radioactivity monitor to OPERABLE status. | 7 days |
| | | D.2.3 | OR Restore required CFCU condensate collection monitor to OPERABLE status. | 7 days |
| E. | All required monitors inoperable. | E.1 | Enter LCO 3.0.3. | Immediately |
| F. | Required Action and associated Completion Time not met. | F.1 <u>AND</u> F.2 | Be in MODE 3. Be in MODE 5 <u>4</u> . | 6 hours Insert 1 <u>36-12 hours</u> |

3.4-34

Unit 1 - Amendment No. 135,200,209, Unit 2 - Amendment No. 135,201,211,

Insert 1

3.5 EMERGENCY CORE COOLING SYSTEMS (ECCS)

3.5.3 ECCS - Shutdown

LCO 3.5.3 One ECCS train shall be OPERABLE.

-----NOTE------

An RHR train may be considered OPERABLE during alignment and operation for decay heat removal, if capable of being manually realigned to the ECCS mode of operation.

APPLICABILITY: MODE 4.

ACTIONS

| | <i>a</i> | | | |
|---------------|---|-----|--|-------------------|
| | CONDITION | R | REQUIRED ACTION | COMPLETION TIME |
| A. | Required ECCS residual heat removal (RHR) subsystem <u>train</u> inoperable. | A.1 | Initiate action to restore required ECCS RHR subsystem<u>train</u> to OPERABLE status. | Immediately |
| ₿ | Required ECCS Centrifugal Charging Pump subsystem inoperable. | B.1 | Restore required ECCS Centrifugal Charging Pump subsystem to OPERABLE status. | 1 hour |
| C. | Required Action and associated Completion Time of Condition B not met. | C.1 | Be in MODE 5. | 24 hours |

SURVEILLANCE REQUIREMENTS

| | FREQUENCY | | |
|------------|-----------------------------------|-----------------------------------|--|
| SR 3.5.3.1 | The following S required to be | In accordance with applicable SRs | |
| | SR 3.5.2.1 | SR 3.5.2.7 | |
| | SR 3.5.2.3 | SR 3.5.2.8 | |
| | SR 3.5.2.4 | | |

3.5 EMERGENCY CORE COOLING SYSTEMS (ECCS)

3.5.4 Refueling Water Storage Tank (RWST)

LCO 3.5.4 The RWST shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4

ACTIONS

| CONDITION | | F | REQUIRED ACTION | COMPLETION TIME |
|-----------|---|-------------------|-------------------------------------|---------------------|
| А. | RWST boron concentration not within limits. | A.1 | Restore RWST to OPERABLE status. | 8 hours |
| | <u>OR</u> | | | |
| | RWST borated water temperature not within limits. | | | |
| В. | RWST inoperable for reasons other than Condition A. | B.1 | Restore RWST to OPERABLE status. | 1 hour |
| C. | Required Action and associated Completion Time not met. | C.1 <u>AND</u> | Be in MODE 3. | 6 hours Insert 1 |
| | | C.2 | Be in MODE <u>54</u> . | 36- <u>12</u> nours |

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY |
|------------|--|--|
| SR 3.5.4.1 | NOTENOTE Only required to be performed when ambient air temperature is < 35°F. | |
| | Verify RWST borated water temperature is ≥ 35°F. | In accordance with the Surveillance Frequency Control Program |
| SR 3.5.4.2 | Verify RWST borated water volume is ≥ 455,300 gallons. | In accordance with the Surveillance Frequency Control Program |
| SR 3.5.4.3 | Verify RWST boron concentration is \ge 2300 ppm and \le 2500 ppm. | In accordance with the Surveillance Frequency Control Program |

3.5-7

Containment Spray and Cooling Systems 3.6.6

3.6 CONTAINMENT SYSTEMS

3.6.6 Containment Spray and Cooling Systems

LCO 3.6.6 The containment fan cooling unit (CFCU) system and two containment spray trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

| Α | C | TI | \cap | N | S |
|---|--------------|----|--------|-----|---|
| | \mathbf{U} | | | 1 4 | U |

| CONDITION | | REQUIRED ACTION | | COMPLETION TIME | |
|-----------|--|--------------------------|---|---|-----|
| Α. | One containment spray train inoperable. | A.1 | Restore containment spray train to OPERABLE status. | 72 hours NOTE For planned maintenance or inspections, the Completion Time is 72 hours. The Completion Times of Required Action A.2 are for unplanned corrective maintenance or inspections. | +₹ |
| | х ² | <u>OR</u> A.2 | Restore containment spray train to OPERABLE status | 14 days | -+2 |
| В. | Required Action and associated Completion Time of Condition A not met. | B.1 <u>AND</u> B.2 | Be in MODE 3. Be in MODE <u>5-4</u> . | 6 hours Insert 1 84 <u>54</u> hours | - |
| C. | One required CFCU system inoperable such that a minimum of two CFCUs remain OPERABLE. | C.1 | Restore required CFCU system to OPERABLE status. | 7 days | + C |

(continued)

Unit 1 - Amendment No. 135,202, 215, Unit 2 - Amendment No. 135,173,203, 217,

Containment Spray and Cooling Systems 3.6.6

| ACTI | ACTIONS (continued) | | | | | |
|------|---|--------------------------|---|---|---|--|
| | CONDITION | | REQUIRED ACTION | COMPLETION TIME | | |
| D. | One required containment spray train inoperable and one required CFCU system inoperable such that a minimum of two CFCUs remain OPERABLE. | D.1 <u>OR</u> | Restore one required containment spray system to OPERABLE status, | 72 hours | | |
| | | D.2 | Restore one CFCU system to OPERABLE status such that four CFCUs or three CFCUs, each supplied by a different vital bus, are OPERABLE. | 72 hours | | |
| E. | Required Action and associated Completion Time of Condition C or D not met. | E.1 <u>AND</u> E.2 | Be in MODE 3. Be in MODE <u>5_4</u> . | 6 hours Insert 1 36 <u>12</u> hours | ļ | |
| F. 1 | Two containment spray trains inoperable. OR One containment spray train inoperable and two CFCU systems inoperable such that one or less CFCUs remain OPERABLE. OR One or less CFCUs | F.1 | Enter LCO 3.0.3. | Immediately | | |

3.6 CONTAINMENT SYSTEMS

3.6.7 Spray Additive System

The Spray Additive System shall be OPERABLE. LCO 3.6.7

MODES 1, 2, 3, and 4. APPLICABILITY:

ACTIONS

| | CONDITION | R | EQUIRED ACTION | COMPLETION TIME |
|----|---|-------------------|---|--------------------|
| A. | Spray Additive System inoperable. | A.1 | Restore Spray Additive System to OPERABLE status. | 72 hours |
| В. | Required Action and associated Completion Time not met. | B.1 <u>AND</u> | Be in MODE 3. | 6 hours Insert 1 |
| | | B.2 | Be in MODE 5 <u>4</u> . | 84 <u>54</u> hours |

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY |
|------------|--|--|
| SR 3.6.7.1 | Verify each spray additive manual, power operated, and automatic valve in the flow path that is not locked, sealed, or otherwise secured in position is in the correct position. | In accordance with the Surveillance Frequency Control Program |
| SR 3.6.7.2 | Verify spray additive tank solution volume is ≥ 46.2% and ≤ 91.9%. | In accordance with the Surveillance Frequency Control Program |
| SR 3.6.7.3 | Verify spray additive tank NaOH solution concentration is \geq 30% and \leq 32% by weight. | In accordance with the Surveillance Frequency Control Program |
| SR 3.6.7.4 | Verify each spray additive automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, actuates to the correct position on an actual or simulated actuation signal. | In accordance with the Surveillance Frequency Control Program |
| SR 3.6.7.5 | Verify spray additive flow from each solution's flow path. | In accordance with the Surveillance Frequency Control Program |

3.7 PLANT SYSTEMS

3.7.7 Vital Component Cooling Water (CCW) System

LCO 3.7.7 Two vital CCW loops shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

| | CONDITION | 10 | REQUIRED ACTION | COMPLETION TIME |
|----|-----------------------------------|-----|--|---------------------------------|
| Α. | One vital CCW loop inoperable. | A.1 | NOTE Enter applicable Conditions and Required Actions of LCO 3.4.6, "RCS Loops - MODE 4," for residual heat removal loops made inoperable by CCW. | |
| | | | Restore vital CCW loop to OPERABLE status. | 72 hours |
| В. | Required Action and | B.1 | Be in MODE 3. | 6 hours |
| | associated Completion | AND | | insen 1 |
| | met. | B.2 | Be in MODE <u>54</u> . | 36 - <u>12</u> hours |

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY |
|------------|--|--|
| SR 3.7.7.1 | NOTE Isolation of CCW flow to individual components does not render the CCW System inoperable | |
| | Verify each CCW manual, power operated, and automatic valve in the flow path servicing safety related equipment, that is not locked, sealed, or otherwise secured in position, is in the correct position. | In accordance with the Surveillance Frequency Control Program |

(continued)

3.7 PLANT SYSTEMS

3.7.8 Auxiliary Saltwater (ASW) System

LCO 3.7.8 Two ASW trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

| | CONDITION | | REQUIRED ACTION | COMPLETION TIME |
|----|---|--------------------------|--|---|
| Α. | One ASW train inoperable. | A.1 | NOTE Enter applicable Conditions and Required Actions of LCO 3.4.6, "RCS Loops - MODE 4," for residual heat removal loops made inoperable by ASW. | |
| | N | | Restore ASW train to OPERABLE status | 72 hours |
| В. | Required Action and associated Completion Time of Condition A not met. | B.1 <u>AND</u> B.2 | Be in MODE 3. Be in MODE <u>54</u> . | 6 hours Insert 1 <u>36-12 hours</u> |

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY | |
|------------|--|--|---|
| SR 3.7.8.1 | Verify each ASW manual and power operated, valve in the flow path servicing safety related equipment, that is not locked, sealed, or otherwise secured in position, is in the correct position. | In accordance with the Surveillance Frequency Control Program | _ |
| SR 3.7.8.2 | Verify each ASW power operated value in the flow path that is not locked, sealed, or otherwise secured in position, can be moved to the correct position. | In accordance with the Inservice Test Program. | |
| SR 3.7.8.3 | Verify each ASW pump starts automatically on an actual or simulated actuation signal. | In accordance with the Surveillance Frequency Control Program | _ |

3.7 PLANT SYSTEMS

3.7.9 Ultimate Heat Sink (UHS)

LCO 3.7.9 The UHS shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

| | CONDITION | F | REQUIRED ACTION | COMPLETION TIME |
|----|---|--------------------------|---|---|
| Α. | With the UHS temperature > 64°F. | A.1 | Place a second CCW heat exchanger in service. | 8 hours |
| В. | Required Action and associated Completion Time of Condition A not met. | B.1 <u>AND</u> B.2 | Be in MODE 3. Be in MODE <u>54</u> . | 6 hours Insert 1 36- <u>12 hours</u> |

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY |
|------------|---|---|
| SR 3.7.9.1 | Not used. | |
| SR 3.7.9.2 | Verify water temperature of UHS is within limits. | 24 hours if UHS temperature is ≤ 60°F, <u>AND</u> |
| | | 12 hours if UHS temperature > 60°F but ≤ 62°F, |
| | | AND |
| | | 2 hours if UHS temperature > 62°F but ≤ 64°F. |

ACTIONS (continued)

| C. Required Action and associated Completion Time of Condition A or B not met in MODE 1, 2, 3, or 4. C.1 Be in MODE 3. 6 hours Insert 1 D. Required Action and associated Completion D.1.1 Place OPERABLE CRVS train in Immediately | ME |
|--|----|
| A. A. D. Required Action and associated Completion D.1.1 Place OPERABLE Immediately CRVS train in CRVS train in | |
| Time of Condition A not met in MODE 5 or 6, or during movement of recently irradiated fuel assemblies.pressurization mode. ANDImmediatelyD.1.2Verify that the OPERABLE CRVS train is capable of being powered by an OPERABLE emergency power source.ImmediatelyD.2Suspend movement of recently irradiated fuel assembliesImmediately | |

(continued)

DIABLO CANYON - UNITS 1 & 2

3.7-18a

Unit 1 - Amendment No. 135,163,184, 213, Unit 2 - Amendment No. 135,165,186, 215, +

Move SR 3.7.12.1 through 3.7.12.3 from this page to page 3.7-22.

3.7 PLANT SYSTEMS

3.7.12 Auxiliary Building Ventilation System (ABVS)

LCO 3.7.12 Two ABVS trains shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

| | CONDITION | R | REQUIRED ACTION | COMPLETION TIME |
|----|---|--------------------------|---|---|
| Α. | The common HEPA filter and/or charcoal adsorber inoperable. | A.1 | Restore the common HEPA filter and charcoal adsorber to OPERABLE status. | 24 hours |
| В. | One ABVS train inoperable. | B.1 | Restore ABVS train to OPERABLE status | 7 days |
| C. | Required Action and associated Completion Time not met. | C.1 <u>AND</u> C.2 | Be in MODE 3. Be in MODE <u>54</u> . | 6 hours Insert 1 <u>36-12 hours</u> |

SURVEILLANCE REQUIREMENTS

| Ċ _e s | SURVEILLANCE | FREQUENCY | |
|------------------|---|--|---|
| SR 3.7.12.1 | This surveillance shall verify that each ABVS train is aligned to receive electrical power from a separate OPERABLE vital bus. | | |
| | Operate each ABVS train for ≥ 15 minutes. | In accordance with the Surveillance Frequency Control Program | - |
| SR 3.7.12.2 | Perform required ABVS filter testing in accordance with the Ventilation Filter Testing Program (VFTP). | In accordance with the VFTP | |
| | NOTENOTE SR is not applicable to a specific ABVS train when that ABVS train is configured and performing its safety function. | | |
| SR 3.7.12.3 | Verify each ABVS train actuates on an actual or simulated actuation signal and the system realigns to exhaust through the common HEPA filter and charcoal adsorber. | In accordance with the Surveillance Frequency Control Program | _ |
| | | (continued) | |

DIABLO CANYON - UNITS 1 & 2

3.7-21

(continued) Unit 1 - Amendment No. 135,163,200,

Unit 2 - Amendment No. 135, 165, 201,

Move SR 3.7.12.1 through 3.7.12.3 from page 3.7-21 to this page.

ABVS 3.7.12

SURVEILLANCE REQUIREMENTS (continued)

| | SURVEILLANCE | FREQUENCY |
|--|--------------|---|
| SR 3.7.12.4 | Not Used. | |
| SR 3.7.12.5 | Not Used. | |
| SR 3.7.12.6 Verifying that leakage through the ABVS Dampers M2A and M2B is less than or equal to 5 cfm when subjected to a Constant Pressure o Pressure Decay Leak Rate Test in accordance with ASME N510-1989. The test pressure for the leak rate test shall be based on a maximum operating pressure as defined in ASME N510- 1989, of 8 inches water gauge. | | In accordance with the Surveillance Frequency Control Program |

DIABLO CANYON - UNITS 1 & 2

3.7-22

Unit 1 - Amendment No. 135, 200, Unit 2 - Amendment No. 135, 201, ACTIONS (continued)

| | CONDITION | | REQUIRED ACTION | COMPLETION TIME | |
|----|--|-------------------|--|---|--|
| C. | Two required offsite circuits inoperable. | C.1 | Declare required feature(s) inoperable when its redundant required feature(s) is inoperable. | 12 hours from discovery of Condition C concurrent with inoperability of redundant required features. | |
| | | AND | | | |
| 1 | | C.2 | Restore one required offsite circuit to OPERABLE status. | 24 hours | |
| D. | One required offsite circuit inoperable. | D.1 | Restore required offsite circuit to OPERABLE status. | 12 hours | |
| | AND | <u> </u> | | | |
| | One DG inoperable. | D.2 | Restore DG to OPERABLE status. | 12 hours | |
| E. | Two or more DGs inoperable. | E.1 | Ensure at least two DGs are OPERABLE. | 2 hours | |
| F. | One supply train of the DFO transfer system inoperable. | F.1 | Restore the DFO transfer system to OPERABLE status. | 72 hours | |
| G. | Two supply trains of the DFO transfer system inoperable. | G.1 | Restore one train of the DFO transfer system to OPERABLE status. | 1 hour | |
| H. | Required Action and associated Completion | H.1 <u>AND</u> | Be in MODE 3. | 6 hours Insert 1 | |
| | D, E, F or G not met. | H.2 | Be in MODE <u>54</u> . | 36 - <u>12</u> hours | |
| I. | Two or more DGs inoperable. <u>AND</u> One or more required offsite circuits inoperable. | I.1 | Enter LCO 3.0.3. | Immediately | |
| J. | One or more DGs inoperable. <u>AND</u> Two required offsite circuits inoperable. | J.1 | Enter LCO 3.0.3. | Immediately | |

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Move Condition E from this page to page 3.8-19.

DC Sources - Operating 3.8.4

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| CONDITION | R | EQUIRED ACTION | COMPLETION TIME |
|---|-----------|--|---------------------------------|
| 3. One battery inoperable. | B.1 | Restore battery to OPERABLE status. | 2 hours |
| r | <u>OR</u> | <i>x</i> | |
| | B.2.1.1 | NOTE Required Actions B.2.1.1, B.2.1.2, and B.2.2 are applicable, on a one time basis, for Unit 1 cycle 14. | |
| | | Determine OPERABLE batteries are not inoperable due to common cause failure. | 2 hours |
| | | <u>OR</u> | |
| • | B.2.1.2 | Perform SR 3.8.4.1 and SR 3.8.6.1 for OPERABLE batteries. | 2 hours |
| | 1 | AND | |
| | B.2.2 | Restore battery to OPERABLE status. | 4 hours |
| C. One DC electrical power subsystem inoperable for reasons other than Condition A or B. | C.1 | Restore DC electrical power subsystem to OPERABLE status. | 2 hours |
| More than one full capacity charger receiving power simultaneously from a single 480 V vital bus. | D.1 | Restore the DC electrical power subsystem to a configuration wherein each charger is powered from its associated 480 volt vital bus. | 14 days |
| E. Required Action and | E.1 | Be in MODE 3. | 6 hours |
| Associated Completion Time not met. | AND | • | insert i |
| | E.2 | Be in MODE <u>54</u> . | 36 - <u>12</u> hours |

Move Condition E from page 3.8-18a to this page.

DC Sources - Operating 3.8.4

SURVEILLANCE REQUIREMENTS

| | SURVEILLANCE | FREQUENCY |
|------------|---|--|
| SR 3.8.4.1 | Verify battery terminal voltage is greater than or equal to the minimum established float voltage. | In accordance with the Surveillance Frequency Control Program |
| SR 3.8.4.2 | Verify each battery charger supplies ≥ 400 amps at greater than or equal to the minimum established float voltage for ≥ 4 hours. OR | In accordance with the Surveillance Frequency Control Program |
| | Verify each battery charger can recharge the battery to the fully charged state within 12 hours while supplying the largest combined demands of the various continuous steady state loads, after a battery discharge to the bounding design basis event discharge state. | |
| SR 3.8.4.3 | NOTES | |
| | The modified performance discharge test in SR 3.8.6.6 may be performed in lieu of SR 3.8.4.3. | |
| | 2. This Surveillance shall not be performed in MODE 1, 2, 3, or 4. | |
| | Verify battery capacity is adequate to supply, and maintain in OPERABLE status, the required emergency loads for the design duty cycle when subjected to a battery service test. | In accordance with the Surveillance Frequency Control Program |

3.8-19

Unit 1 - Amendment No. 135,172,200, Unit 2 - Amendment No. 135,174,201,