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Ref: 10CFR50.90

CPSES-200102881
Log # TXX-01176
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December 18, 2001

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
LICENSE AMENDMENT REQUEST (LAR) 01-13
REVISION TO TECHNICAL SPECIFICATION (TS) SR 3.0.3
MISSED SURVEILLANCES USING THE CONSOLIDATED LINE ITEM IMPROVEMENT PROCESS (CLIIP)

Gentlemen:

Pursuant to 10CFR50.90, TXU Electric hereby requests an amendment to the CPSES Unit 1 Operating License (NPF-87) and CPSES Unit 2 Operating License (NPF-89) by incorporating the attached change into the CPSES Unit 1 and 2 Technical Specifications. This change request applies to both units.

The proposed amendment would modify the Technical Specifications (TS) requirements for missed surveillances in Surveillance Requirement (SR) 3.0.3 as well as modify the associated TS Bases. The changes are consistent with Nuclear Regulatory Commission (NRC) approved Industry/Technical Specification Task Force (TSTF) STS change TSTF-358, Revision 6. The availability of this TS improvement was published in the Federal Register on September 28, 2001 (Federal Register Notice 66 FR 49714) as part of the consolidated line item improvement process (CLIIP).

TXU Electric is submitting this license amendment application in conjunction with an industry consortium of five plants as a result of a mutual agreement known as Strategic Teaming and Resource Sharing (STARS). The STARS group consists of the five plants operated by TXU Electric, Union Electric Company, Wolf Creek Nuclear

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Operating Corporation, Pacific Gas and Electric Company, and STP Nuclear Operating Company. In addition, Arizona Public Service Company will also be submitting a similar license amendment application. The other members of the above group can be expected to submit license amendment requests similar to this one, with the exception of STP Nuclear Operating Company due to the vintage of their TS. They will be adopting a TS Bases Control Program.

Attachment 1 provides a description and assessment of the proposed change, the requested confirmation of applicability, and plant-specific verifications. Attachment 2 provides the existing TS pages marked up to show the proposed change. Attachment 3 provides the existing TS Bases pages marked up to show the proposed change. Attachment 3 is provided for information only and final TS Bases changes will be implemented pursuant to TS 5.5.14, Technical Specifications Bases Control Program. Attachment 4 provides revised (clean) TS pages.

TXU Electric requests approval of the proposed License Amendment by June 3, 2002 to be implemented within 60 days of the issuance of the license amendment. The license amendment does not affect the capability of the units to operate at full power. The approval date was administratively selected.

In accordance with 10CFR50.91(b), TXU Electric is providing the State of Texas with a copy of this proposed amendment.

This communication contains no new or revised commitments.

Should you have any questions, please contact Mr. Bob Dacko at (254) 897-0122.

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

Sincerely,

C. L. Terry

By: Roger D. Walker

Roger D. Walker
Regulatory Affairs Manager

BSD/bsd
Attachments
1. Description and Assessment
2. Markup of Technical Specifications pages
3. Markup of Technical Specifications Bases pages (for information)
4. Retyped Technical Specification Pages

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ATTACHMENT 1 to TXX-01176

DESCRIPTION AND ASSESSMENT

DESCRIPTION AND ASSESSMENT

1.0 DESCRIPTION

The proposed amendment would modify Technical Specifications (TS) requirements for missed surveillances in Surveillance Requirement (SR) 3.0.3.

The changes are consistent with Nuclear Regulatory Commission (NRC) approved Industry/Technical Specification Task Force (TSTF) STS change TSTF-358 Revision 6. TSTF-358, Revision 6, incorporates the modifications made to TSTF-358, Revision 5, by Federal Register Notice 66 FR 32400 of June 14, 2001, and in response to public comments. The availability of this TS improvement was published in the *Federal Register* on September 28, 2001 (Federal Register Notice 66 FR 49714) as part of the consolidated line item improvement process (CLIIP).

2.0 ASSESSMENT

2.1 Applicability of Published Safety Evaluation

TXU Electric has reviewed the proposed safety evaluation dated June 14, 2001, as modified in response to the comments noticed on September 28, 2001, as part of the CLIIP. This review included a review of the NRC staff's evaluation, as well as the supporting information provided to support TSTF-358. TXU Electric has concluded that the justifications presented in the TSTF proposal and the safety evaluation prepared by the NRC staff are applicable to the Comanche Peak Steam Electric Station (CPSES) and justify this amendment for the incorporation of the changes to the CPSES TS.

2.2 Optional Changes and Variations

TXU Electric is not proposing any variations or deviations from the TS changes described in the TSTF-358, Revision 6, or the NRC staff's model safety evaluation dated June 14, 2001, as modified in response to the comments noticed on September 28, 2001.

3.0 REGULATORY ANALYSIS

3.1 No Significant Hazards Consideration Determination

TXU Electric has reviewed the proposed no significant hazards consideration determination (NSHCD) published in the *Federal Register* as part of the consolidated line item improvement process (CLIIP). The modifications to Technical Specification Task Force (TSTF)-358 and the

proposed safety evaluation noticed on September 28, 2001, as part of the CLIIP, do not affect the NSHCD published in the Federal Register Notice of June 14, 2001. TXU Electric has concluded that the proposed NSHCD presented in the Federal Register notice is applicable to the Comanche Peak Steam Electric Station and is hereby incorporated by reference to satisfy the requirements of 10 CFR 50.91(a).

3.2 Verification and Commitments

As discussed in the notice of availability published in the *Federal Register* on September 28, 2001, for this TS improvement, plant-specific verifications were performed as described below:

TXU Electric has established TS Bases for SR 3.0.3 which state that use of the delay period established by Surveillance Requirement 3.0.3 is a flexibility which is not intended to be used as an operational convenience to extend surveillance intervals, but only for the performance of missed surveillances. The modification will also include changes to the Bases for SR 3.0.3 that provide details on how to implement the new requirements. The Bases changes provide guidance for surveillance frequencies that are not based on time intervals but are based on specified unit conditions, operating situations, or requirements of regulations. In addition, the Bases changes state that TXU Electric is expected to perform a missed surveillance test at the first reasonable opportunity, taking into account appropriate considerations, such as the impact on plant risk and accident analysis assumptions, consideration of unit conditions, planning, availability of personnel, and the time required to perform the surveillance. The Bases also state that the risk impact should be managed through the program in place to implement 10 CFR 50.65(a)(4) and its implementation guidance, NRC Regulatory Guide 1.182, "Assessing and Managing Risks Before Maintenance Activities at Nuclear Power Plants," and that the missed surveillance should be treated as an emergent condition, as discussed in Regulatory Guide 1.182. In addition, the Bases state that the degree of depth and rigor of the evaluation should be commensurate with the importance of the component and that missed surveillances for important components should be analyzed quantitatively. The Bases also state that the results of the risk evaluation determine the safest course of action. In addition, the Bases state that all missed surveillances will be placed in the licensee's Corrective Action Program. Finally, TXU Electric has a Bases Control Program consistent with Section 5.5 of the Standard Technical Specifications.

4.0 ENVIRONMENTAL EVALUATION

TXU Electric has reviewed the environmental evaluation included in the model safety evaluation dated June 14, 2001 as part of the CLIIP. The modifications to TSTF-358 and the proposed safety evaluation noticed on September 28, 2001, as part of the CLIIP, do not affect the environmental evaluation published in the Federal Register Notice of June 14, 2001. TXU Electric has concluded that the staff's findings presented in that evaluation are applicable to CPSES and the evaluation is hereby incorporated by reference for this application.

ATTACHMENT 2 to TXX-01176

PROPOSED TECHNICAL SPECIFICATION CHANGES (MARK-UP)

Page 3.0-5

3.0 SR APPLICABILITY (continued)

SR 3.0.3

If it is discovered that a Surveillance was not performed within its specified Frequency, then compliance with the requirement to declare the LCO not met may be delayed, from the time of discovery, up to 24 hours or up to the limit of the specified Frequency, whichever is ~~less~~ greater. This delay period is permitted to allow performance of the Surveillance.

If the Surveillance is not performed within the delay period, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered. A risk evaluation shall be performed for any Surveillance delayed greater than 24 hours and the risk impact shall be managed.

When the Surveillance is performed within the delay period and the Surveillance is not met, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered.

SR 3.0.4

Entry into a MODE or other specified condition in the Applicability of an LCO shall not be made unless the LCO's Surveillances have been met within their specified Frequency. This provision shall not prevent entry into MODES or other specified conditions in the Applicability that are required to comply with ACTIONS or that are part of a shutdown of the unit.

SR 3.0.4 is only applicable for entry into a MODE or other specified condition in the Applicability in MODES 1, 2, 3, and 4.

ATTACHMENT 3 to TXX-01176

PROPOSED TECHNICAL SPECIFICATION BASES CHANGES (MARK-UP)
(For Information Only)

Pages B 3.1-13, B 3.0-14 and B 3.0-14a

BASES

SR 3.0.2 (continued)

Therefore, when a test interval is specified in the regulations, the test interval cannot be extended by the TS, and the SR include a Note in the Frequency stating, "SR 3.0.2 is not applicable." An example of an exception when the test interval is not specified in the regulations is the Note in the Containment Leakage Rate Testing Program, "SR 3.0.2 is not applicable." This exception is provided because the program already includes extension of test intervals.

As stated in SR 3.0.2, the 25% extension also does not apply to the initial portion of a periodic Completion Time that requires performance on a "once per ..." basis. The 25% extension applies to each performance after the initial performance. The initial performance of the Required Action, whether it is a particular Surveillance or some other remedial action, is considered a single action with a single Completion Time. One reason for not allowing the 25% extension to this Completion Time is that such an action usually verifies that no loss of function has occurred by checking the status of redundant or diverse components or accomplishes the function of the inoperable equipment in an alternative manner.

The provisions of SR 3.0.2 are not intended to be used repeatedly merely as an operational convenience to extend Surveillance intervals (other than those consistent with refueling intervals) or periodic Completion Time intervals beyond those specified.

SR 3.0.3

SR 3.0.3 establishes the flexibility to defer declaring affected equipment inoperable or an affected variable outside the specified limits when a Surveillance has not been completed within the specified Frequency. A delay period of up to 24 hours or up to the limit of the specified Frequency, whichever is ~~less~~ greater, applies from the point in time that it is discovered that the Surveillance has not been performed in accordance with SR 3.0.2, and not at the time that the specified Frequency was not met.

This delay period provides adequate time to complete Surveillances that have been missed. This delay period permits the completion of a Surveillance before complying with Required Actions or other remedial measures that might preclude completion of the Surveillance.

(continued)

BASES

SR 3.0.3 (continued)

The basis for this delay period includes consideration of unit conditions, adequate planning, availability of personnel, the time required to perform the Surveillance, the safety significance of the delay in completing the required Surveillance, and the recognition that the most probable result of any particular Surveillance being performed is the verification of conformance with the requirements.

When a Surveillance with a Frequency based not on time intervals, but upon specified unit conditions, ~~or~~ operational situations, or requirements of regulations (e.g., prior to entering MODE 1 after each fuel loading, or in accordance with 10 CFR 50, Appendix J, as modified by approved exemptions, etc.) is discovered not to have been performed when specified, SR 3.0.3 allows for the full delay period of up to the specified Frequency to perform the Surveillance. However, since there is not a time interval specified, the missed Surveillance should be performed at the first reasonable opportunity. ~~24 hours to perform the Surveillance.~~

SR 3.0.3 ~~also~~ provides a time limit for, and allowances for the performance of, ~~completion of~~ Surveillances that become applicable as a consequence of MODE changes imposed by Required Actions.

Failure to comply with specified Frequencies for SRs is expected to be an infrequent occurrence. Use of the delay period established by SR 3.0.3 is a flexibility which is not intended to be used as an operational convenience to extend Surveillance intervals. While up to 24 hours or the limit of the specified Frequency is provided to perform the missed Surveillance, it is expected that the missed Surveillance will be performed at the first reasonable opportunity. The determination of the first reasonable opportunity should include consideration of the impact on plant risk (from delaying the Surveillance as well as any plant configuration changes required or shutting the plant down to perform the Surveillance) and impact on any analysis assumptions, in addition to unit conditions, planning, availability of personnel, and the time required to perform the Surveillance. This risk impact should be managed through the program in place to implement 10 CFR 50.65(a)(4) and its implementation guidance, NRC Regulatory Guide 1.182, "Assessing and Managing Risk Before Maintenance Activities at Nuclear Power Plants." This Regulatory Guide addresses consideration of temporary and aggregate risk impacts, determination of risk management action thresholds, and risk management action up to and including plant shutdown. The missed Surveillance should be treated as an emergent condition as discussed in the Regulatory Guide. The risk evaluation may use quantitative, qualitative, or blended methods. The degree of depth and rigor of the evaluation should be commensurate with the importance of the component. Missed Surveillances for important components should be analyzed quantitatively. If the results of the risk evaluation determine the

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BASES

SR 3.0.3 (continued)

risk increase is significant, this evaluation should be used to determine the safest course of action. All missed Surveillances will be placed in the licensee's Corrective Action Program.

If a Surveillance is not completed within the allowed delay period, then the equipment is considered inoperable or the variable is considered outside the specified limits and the Completion Times of the Required Actions for the applicable LCO Conditions begin immediately upon expiration of the delay period. If a Surveillance is failed within the delay period, then the equipment is inoperable, or the variable is outside the specified limits and the Completion Times of the Required Actions for the applicable LCO Conditions begin immediately upon the failure of the Surveillance. Completion of the Surveillance within the delay period allowed by this Specification, or within the Completion Time of the ACTIONS, restores compliance with SR 3.0.1.

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ATTACHMENT 4 to TXX-01176

RETYPED TECHNICAL SPECIFICATION PAGES

Pages 3.0-5

3.0 SR APPLICABILITY (continued)

SR 3.0.3

If it is discovered that a Surveillance was not performed within its specified Frequency, then compliance with the requirement to declare the LCO not met may be delayed, from the time of discovery, up to 24 hours or up to the limit of the specified Frequency, which ever is greater. This delay period is permitted to allow performance of the Surveillance.

If the Surveillance is not performed within the delay period, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered. A risk evaluation shall be performed for any Surveillance delayed greater than 24 hours and the risk impact shall be managed.

When the Surveillance is performed within the delay period and the Surveillance is not met, the LCO must immediately be declared not met, and the applicable Condition(s) must be entered.

SR 3.0.4

Entry into a MODE or other specified condition in the Applicability of an LCO shall not be made unless the LCO's Surveillances have been met within their specified Frequency. This provision shall not prevent entry into MODES or other specified conditions in the Applicability that are required to comply with ACTIONS or that are part of a shutdown of the unit.

SR 3.0.4 is only applicable for entry into a MODE or other specified condition in the Applicability in MODES 1, 2, 3, and 4.