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Subject: Preliminary Request fir Additional Information
Creation Date: 1/22/04 2:51PM
From: Mohan Thadani

Created By: MCT@nrc.gov

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		txu.com

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MESSAGE	5622	01/22/04 02:51PM

Options

Auto Delete:	No
Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply Requested:	No
Return Notification:	None
Concealed Subject:	No
Security:	Standard
To Be Delivered:	Immediate
Status Tracking:	Delivered & Opened

From: Mohan Thadani
To: Internet:rwalker5@txu.com
Date: 1/22/04 2:51PM
Subject: Preliminary Request fir Additional Information

Roger:

In reviewing the TXU's license amendment request, LAR 02-06 regarding DC electrical power tech. specs changes pursuant to TSTF 360, the NRC staff has identified the following preliminary request for additional information. After your staff reviews this preliminary request, I would like to set up a phone call for the NRC staff and theTXU staff to discuss the issues raised. During the call we will arrive at an agreement on the final form of the request, schedule for a response, and whether you would want a formal NRC letter of agreed upon request or telephone agreement is sufficient to respond to.

Thanks.

Mohan

PRELIMINARY REQUEST FOR ADDITIONAL INFORMATION FOR COMANCHE PEAK STEAM ELECTRIC STATION UNITS 1 AND 2, TAC MB9532 AND MB9533:

1: It was stated in the submittal that there are two 100% capacity battery chargers per battery. For a plant in Modes 1, 2, 3, and 4, one charger for each battery is required to be operating and the other is kept as a spare.

(A) Please explain the administrative control, if any, under which the plant operator would know which one of the two battery chargers is the "required" charger to maintain the DC subsystem operable. Please provide information regarding AC power supply sources to the battery chargers during normal plant operation and during loss of offsite power sources.

(B) Please explain steps taken, if any, to meet either required action for CONDITION 3.8.4.A.1 and/or CONDITION 3.8.4.A.2 when either the "required" charger and/or the "spare" charger are not yet restored to operable status.

(C) When the so-called "required" charger is declared "inoperable" and the "spare" charger is switched in to substitute for the inoperable charger, what maintenance actions, if any, will be initiated for the inoperable charger, while the completion time for CONDITION 3.8.4.A.1 AND CONDITION 3.8.4.A.2 is in effect?

2: It was stated in the submittal that CPSES is presently committed to IEEE Standard 450-1995 (Ref. 4), which states that battery degradation is indicated when the battery capacity drops more than 10% from its capacity of the previous performance test. However, CPSES states in the submittal that degradation is indicated when the battery capacity drops by more than 10% relative to its average capacity on the previous performance test.

Please explain and provide justification for the use of the average capacity and clarify the difference between the IEEE definition and CPSES definition as stated in the submittal.

3: It was stated in the submittal that there are two 100% capacity battery chargers per battery. For plant in Mode 1, 2, 3, and 4, one charger for each battery is required to be operating and the other is kept as a spare.

Please define "100% capacity battery charger" and state if each of the chargers was designed to be capable of handling transient loading demand requirements for all initiating events if the associated battery is out of service for any reason. This includes the adequacy of the battery

charger to handle transient loading requirements caused by the re-alignment of the AC sources following a reactor trip.

CC: Internet:ccorbin@txu.com; Internet:dbuschb1@txu.com; Internet:fred.madden@txu.com; Mohan Thadani; Ngoc Le; Ronaldo Jenkins; Saba Saba; Thomas Boyce