

**Comanche Peak Nuclear Power Plant, Units 3 & 4**  
**COL Application**  
**Part 2, FSAR**

CHAPTER 16  
TECHNICAL SPECIFICATIONS

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ACRONYMS AND ABBREVIATIONS

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COL	Combined License
COLA	Combined License Application
CPNPP	Comanche Peak Nuclear Power Plant
CRMP	configuration risk management program
DCD	Design Control Document
RMTS	risk-management technical specifications
SFCP	surveillance frequency control program

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**16.0 TECHNICAL SPECIFICATIONS**

**16.1 TECHNICAL SPECIFICATIONS**

This section of the referenced Design Control Document (DCD) is incorporated by reference with the following departures and/or supplements.

**16.1.1 Introduction to Technical Specifications**

STD SUP 16.1(1) Add the following text in **DCD Subsection 16.1.1**.

The US-APWR Technical Specifications and Bases in DCD are not incorporated by reference within Part 2 of the COL Application because they are not considered Tier 2 information. The US-APWR Technical Specifications and Bases in DCD are incorporated by reference into Section B of **Part 4** of the COL Application.

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**16.1.1.2 Technical Specifications Content**

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CP COL 16.1(1) Replace the first sentence of the first paragraph in **DCD Subsection 16.1.1.2 (6)**  
CP COL 16.1(2) with the following.

The Comanche Peak Nuclear Power Plant (CPNPP) Units 3 and 4 adopt Risk-Managed Technical Specifications (RMTS) and Surveillance Frequency Control Program (SFCP), which have been developed under the Risk-Informed Technical Specifications Initiatives 4b and 5b.

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CP COL 16.1(1) Replace the fourth paragraph in **DCD Subsection 16.1.1.2 (6)** with the following.

The CPNPP will establish the Configuration Risk Management Program (CRMP) including the above mentioned subjects. This program assures the implementation of the plant-specific RMTS before the actual plant operation as indicated in **Section 5.5.18** "Configuration Risk Management Program" of the US-APWR Technical Specifications. The establishment of the CRMP is a requirement of the Technical Specifications and shall be completed, and reviewed and approved by NRC prior to the initial fuel loading.

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CP COL 16.1(2) Replace the second sentence of the sixth paragraph in **DCD Subsection 16.1.1.2 (6)** with the following.

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The administrative controls section of the Technical Specifications specifies the requirements for SFCP and the CPNPP will establish this program to control Surveillance Frequencies and make future changes to the Surveillance Requirement Frequencies.

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CP COL 16.1(2) Replace the eighth paragraph in **DCD Subsection 16.1.1.2 (6)** with the following.

The establishment of the SFCP is a requirement of the Technical Specifications and shall be completed, and reviewed and approved by NRC prior to the initial fuel loading.

The initial Surveillance Frequencies for standard plant Technical Specification Surveillances incorporated by reference into the COLA will be the deterministic Frequencies listed in the generic US-APWR DCD for the respective Surveillance.

The Ultimate Heat Sink is a site-specific system and is not included in the US-APWR generic technical specifications. The Surveillance Requirements, including the initial deterministic values of the Surveillance Frequencies for TS 3.7.9, Ultimate Heat Sink, are provided in Table 16-201. These Surveillance Frequencies will be the initial Frequencies.

The initial Surveillance Frequencies may be changed in accordance with the SFCP once the program is implemented and sufficient operating experience is achieved.

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**Table 16.1-201**

**Initial Surveillance Frequencies for Ultimate Heat Sink**

SURVEILLANCE		FREQUENCY
SR 3.7.9.1	Verify each required UHS basin water inventory is $\geq 2,850,000$ gallons.	24 hours
SR 3.7.9.2	Verify water temperature of UHS is $\leq 93^{\circ}\text{F}$ .	24 hours
SR 3.7.9.3	Operate each cooling tower fan for $\geq 15$ minutes.	31 days
SR 3.7.9.4	Verify each cooling tower fan starts automatically on an actual or simulated actuation signal.	24 months
SR 3.7.9.5	Verify each UHS transfer pump starts on manual actuation.	24 months
SR 3.7.9.6	Verify each UHS 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.	31 days
SR 3.7.9.7	Verify each UHS automatic valve and each control 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.	24 months

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**16.2        COMBINED LICENSE INFORMATION**

STD SUP 16.2(1) Insert the following sentence at the beginning of **DCD Section 16.2**.

The following COL Items are addressed in **Subsection 16.1.1.2** and/or **Part 4** of the COLA.

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