

CPSES UNIT 1  
NRC DOCKET NO. 50-445  
OPERATING LICENSE NPF-87  
ADDITION OF TECHNICAL SPECIFICATION  
3/4.7.12 and BASES 3/4.7.12

SAFETY CHILLED WATER SYSTEM

INSTRUCTIONS FOR INCOPORATION

The proposed amendment to the Technical Specifications (Appendix A to Operating License NPF-87) would be incorporated as follows:

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CPSES UNIT 1  
NRC DOCKET NO. 50-445  
ADDITION OF TECHNICAL SPECIFICATION  
3/4.7.12 and BASES 3/4.7.12

PROPOSED TECHNICAL SPECIFICATION

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PLANT SYSTEMS

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3/4.7.12 SAFETY CHILLED WATER SYSTEM

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LIMITING CONDITION FOR OPERATION

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3.7.12 At least two independent safety chilled water trains shall be OPERABLE.

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

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ACTION:

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With only one safety chilled water train OPERABLE, restore at least two trains to OPERABLE status within 72 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

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SURVEILLANCE REQUIREMENTS

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4.7.12 The safety chilled water trains shall be demonstrated OPERABLE:

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a. At least once per 31 days by verifying that each valve (manual, power operated or automatic) servicing safety-related equipment that is not locked, sealed or otherwise secured in position, is in its correct position.

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b. At least once per 18 months by demonstrating that each safety chilled water train pump, chiller and electrical switchgear area emergency fan coil units start on a Safety Injection test signal.

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PLANT SYSTEMS

BASES

AREA TEMPERATURE MONITORING (Continued)

Area	TEMPERATURE LIMIT (°F)		Area Monitored
	Normal Conditions	Abnormal Conditions	
CRDM Platform Barrier	140	149	General Area CRDM Shroud Exhaust
Reactor Cavity Detector well	135	175	Reactor Cavity Exhaust
R.C. Pipe Penetration Exhaust (N-16 Detectors)	200	209	General Areas Reactor Cavity Exhaust

3/4.7.11 UPS HVAC SYSTEM

The OPERABILITY of the UPS HVAC System ensures that the uninterruptible power supply and distribution rooms ambient air temperatures do not exceed the allowable temperatures per Specification 3/4.7.10 for continuous-duty rating for the equipment and instrumentation cooled by this equipment.

3/4.7.12 SAFETY CHILLED WATER SYSTEM

The OPERABILITY of the Safety Chilled Water System ensures that sufficient cooling capacity is available for continued operation of safety related equipment during normal and accident conditions. The redundant cooling capacity of this system, assuming a single failure, is consistent with the assumptions used in the safety analyses.

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