Industry/TSTF Standard Technical Specification Change Traveler

Isolation of Components Supplied by EC

Classification: 2) Consistency/Standardization

NUREGs Affected: ☐ 1430 ☐ 1431 ☑ 1432 ☐ 1433 ☐ 1434

Description:

Add a note to SR 3.7.10.1, as well as the Bases for SR 3.7.10.1, for the Essential Chilled Water System that states that isolation of EC flow to individual components does not render the EC System inoperable.

Justification:

In the NUREG LCOs for CCW (3.7.7) and SWS (3.7.8) there is a Note in SRs 3.7.7.1 and 3.7.8.1 that states that isolation of CCW (or SWS) flow to individual components does not render CCW (or SWS) inoperable. This is also reflected in the Bases for 3.7.7, and 3.7.8. In the LCO section of the ECW Bases, 3.7.10, it also states that isolation of ECW may render those components inoperable, but does not affect the OPERABILITY of the ECW System. However, this guidance is not denoted in SR 3.7.10.1, or in the Bases for SR 3.7.10.1, which deals with verification of valve position, similar to SRs 3.7.7.1 and 3.7.8.1. To make the ECW spec consistent wit the guidance located in the Bases for ECW, as well as similar Notes and guidance located in the CCW and SWS specifications and Bases, this note should be incorporated into SR 3.7.10.1 and the Bases for SR 3.7.10.1.

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Revision History

OG Revision 0 **Revision Status: Active** **Next Action:**

Revision Proposed by: Palo Verde

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 10-Nov-98

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 10-Nov-98

TSTF Review Information

TSTF Received Date: 08-Mar-99 Date Distributed for Review 09-Mar-99

OG Review Completed: ☑ BWOG ☑ WOG ☑ CEOG ☑ BWROG

TSTF Comments:

(No Comments)

TSTF Resolution: Approved Date: 09-Apr-99

Incorporation Into the NUREGs

File to BBS/LAN Date: TSTF Informed Date: TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

SR 3.7.10.1	ECW System
SR 3.7.10.1 Bases	ECW System

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3.7 PLANT SYSTEMS

3.7.10 Essential Chilled Water (ECW)

LCO 3.7.10 [Two] ECW trains shall be OPERABLE.

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

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One ECW train inoperable.	A.1 Restore ECW train to OPERABLE status.	7 days
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3. AND B.2 Be in MODE 5.	6 hours 36 hours

NOTE
Isolation of ECW flow to individual components does not render the ECW system inoperable

INSERT

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.10.1	Verify each ECW 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.	31 days
SR 3.7.10.2	Verify the proper actuation of each ECW System component on an actual or simulated actuation signal.	[18] months

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BASES

ACTIONS (continued)

B.1 and B.2

If the ECW train cannot be restored to OPERABLE status within the associated Completion Time, or two ECW trains are inoperable, the unit must be placed in a MODE in which the LCO does not apply. To achieve this status, the unit must be placed in at least MODE 3 within 6 hours, and in MODE 5 within 36 hours. The allowed Completion Times are reasonable, based on operating experience, to reach the required unit conditions from full power conditions in an orderly manner and without challenging unit systems.

SURVEILLANCE REQUIREMENTS

SR 3.7.10.1

Verifying the correct alignment for manual, power operated, and automatic valves in the ECW flow path provides assurance that the proper flow paths exist for ECW operation. This SR does not apply to valves that are locked, sealed, or otherwise secured in position, since they are verified to be in the correct position prior to locking, sealing, or securing. This SR also does not apply to valves that cannot be inadvertently misaligned, such as check valves. This Surveillance does not require any testing or valve manipulation; rather, it involves verification that those valves capable of potentially being mispositioned are in the correct position.

The 31 day Frequency is based on engineering judgment, is consistent with the procedural controls governing valve operation, and ensures correct valve positions.

INSERT

This SR is modified by a NOTE indicating that the isolation of ECW flow to components or systems may render those components inoperable but does not affect the OPERABILITY of the ECW System.

SR 3.7.10.2

This SR verifies proper automatic operation of the ECW System components that the ECW pumps will start in the event of any accident or transient that generates an SIAS. This SR also ensures that each automatic valve in the flow paths actuates to its correct position on an actual or simulated SIAS. The ECW System cannot be fully actuated as part of the SIAS CHANNEL FUNCTIONAL TEST during normal operation. The actuation logic is tested as part of the SIAS functional test every 92 days, except for the subgroup relays that actuate the system that cannot be tested during normal unit

(continued)