Industry/TSTF Standard Technical Specification Change Traveler

Revise 3.4.6 Action A.1 to be consistent with the Specification

Priority/Classification 4) Change Bases

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

Description:

This change revises the Bases for LCO 3.4.6, RCS Loops - Mode 4, to match the Actions.

Justification:

The existing Bases for LCO 3.4.6, Actions A.1 and B.1 do not accurately reflect the Conditions. This may lead to misinterpretation of the Conditions and should be corrected.

Revision History

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

Revision Proposed by: Calvert Cliffs

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 24-Oct-96

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 18-Dec-96

TSTF Review Information

TSTF Received Date: 03-Jan-97 Date Distributed for Review 20-Jan-97

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

TSTF Comments:

WOG - Not applicable, accepts
BWOG - Not applicable, accepts
BWROG - Not applicable, accepts

TSTF Resolution: Approved Date: 06-Mar-97

NRC Review Information

NRC Received Date: 27-Mar-97 NRC Reviewer: WESTON, M.

NRC Comments:

4/7/97 Rec'd pkg.
4/10/97 Forwarded to reviewer.

Final Resolution: NRC Approves Final Resolution Date: 03-Oct-97

Incorporation Into the NUREGs

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

NUREG Rev Incorporated:

Affected Technical Specifications

Action 3.4.6.A Bases	RCS Loops - Mode 4
Action 3.4.6.B Bases	RCS Loops - Mode 4

TSTF-195.

BASES

LCO (continued)

forced flow to the SDC heat exchanger(s). RCPs and SDC pumps are OPERABLE if they are capable of being powered and are able to provide flow if required.

APPLICABILITY

In MODE 4, this LCO applies because it is possible to remove core decay heat and to provide proper boron mixing with either the RCS loops and SGs or the SDC System.

Operation in other MODES is covered by:

LCO 3.4.4, "RCS Loops—MODES 1 and 2";
LCO 3.4.5, "RCS Loops—MODE 3";
LCO 3.4.7, "RCS Loops—MODE 5, Loops Filled";
LCO 3.4.8, "RCS Loops—MODE 5, Loops Not Filled";
LCO 3.9.4, "Shutdown Cooling (SDC) and Coolant Circulation—High Water Level" (MODE 6); and
LCO 3.9.5, "Shutdown Cooling (SDC) and Coolant Circulation—Low Water Level" (MODE 6).

ACTIONS

and no SDC trains are OPERABLE

A.1

If only one required RCS loop ~~or SDC train~~ is OPERABLE and in operation, redundancy for heat removal is lost. Action must be initiated immediately to restore a second loop or train to OPERABLE status. The immediate Completion Time reflects the importance of maintaining the availability of two paths for decay heat removal.

and no RCS loops are OPERABLE

B.1

If only one required SDC train is OPERABLE and in operation, redundancy for heat removal is lost. The plant must be placed in MODE 5 within the next 24 hours. Placing the plant in MODE 5 is a conservative action with regard to decay heat removal. With only one SDC train OPERABLE, redundancy for decay heat removal is lost and, in the event of a loss of the remaining SDC train, it would be safer to initiate that loss from MODE 5 ($\leq$ 200°F) rather than MODE 4 (200°F to 300°F). The Completion Time of 24 hours is reasonable, based on operating experience, to reach MODE 5

(continued)