

Industry/TSTF Standard Technical Specification Change Traveler

Correct the Bases Discussion for the Applicability of Specification 3.3.1

Classification: 4) Change Bases

NUREGs Affected: 1430 1431 1432 1433 1434

Description:

The Applicable Safety Analyses, LCO, and Applicability Bases section is revised to replace the phrase "at all times the reactor is critical" with "during its specified Applicability."

Justification:

Applicable Safety Analyses, LCO, and Applicability - The Bases discussion revised to correct the phrase "at all times the reactor is critical" since this is not consistent with the Applicability of all RPS Functions. For example, Functions 9 and 10 are applicable only above 45% RTP and 15% RTP, respectively. Therefore, the Bases statement that all four channels of each Function shall be OPERABLE at all times the reactor is critical is clearly not true for these Functions.

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Revision History

OG Revision 0	Revision Status: Active	Next Action: NRC
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Revision Proposed by: ANO-1

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 09-Mar-98

Owners Group Comments
ANO-1-055

Owners Group Resolution: Approved Date: 09-Mar-98

TSTF Review Information

TSTF Received Date: 09-Mar-98 Date Distributed for Review 28-May-98

OG Review Completed: BWOG WOG CEOG BWROG

TSTF Comments:
BWOG Only

TSTF Resolution: Approved Date: 10-Jul-98

NRC Review Information

NRC Received Date: 13-Nov-98 NRC Reviewer:

NRC Comments:
(No Comments)

Final Resolution: NRC Action Pending Final Resolution Date:

11/10/98

Incorporation Into the NUREGs

File to BBS/LAN Date:

TSTF Informed Date:

TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

S/A 3.3.1 Bases

RPS Instrumentation

11/10/98

TST.F-292

BASES (continued)

APPLICABLE
SAFETY ANALYSES,
LCO, and
APPLICABILITY

Each of the analyzed accidents and transients can be detected by one or more RPS Functions. The accident analysis contained in (Ref. []) takes credit for most RPS trip Functions. Functions not specifically credited in the accident analysis were qualitatively credited in the safety analysis and the NRC staff approved licensing basis for the unit. These Functions are high RB pressure, high temperature, turbine trip, and loss of main feedwater. These Functions may provide protection for conditions that do not require dynamic transient analysis to demonstrate Function performance. These Functions also serve as backups to Functions that were credited in the safety analysis.

during its
specified
Applicability

The LCO requires all instrumentation performing an RPS Function to be OPERABLE. Failure of any instrument renders the affected channel(s) inoperable and reduces the reliability of the affected Functions. The four channels of each Function in Table 3.3.1-1 of the RPS instrumentation shall be OPERABLE ~~at all times the reactor is critical~~ to ensure that a reactor trip will be actuated if needed. Additionally, during shutdown bypass with any CRD trip breaker closed, the applicable RPS Functions must also be available. This ensures the capability to trip the withdrawn CONTROL RODS exists at all times that rod motion is possible. The trip Function channels specified in Table 3.3.1-1 are considered OPERABLE when all channel components necessary to provide a reactor trip are functional and in service for the required MODE or Other Specified Condition listed in Table 3.3.1-1.

Required Actions allow maintenance (protection channel) bypass of individual channels, but the bypass activates interlocks that prevent operation with a second channel bypass. Bypass effectively places the unit in a two-out-of-three logic configuration that can still initiate a reactor trip, even with a single failure within the system.

Only the Allowable Values are specified for each RPS trip Function in the LCO. Nominal trip setpoints are specified in the unit specific setpoint calculations. The nominal setpoints are selected to ensure that the setpoint measured by CHANNEL FUNCTIONAL TESTS does not exceed the Allowable Value if the bistable is performing as required. Operation with a trip setpoint less conservative than the nominal trip setpoint, but within its Allowable Value, is acceptable

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