

Industry/TSTF Standard Technical Specification Change Traveler

Thermal Hydraulic Stability Technical Specifications

Classification: 4) NUREG Only Change

Priority: 4) Edit/Bases

NUREGs Affected: 1430 1431 1432 1433 1434

Description:

NUREG-1433, Specification 3.4.1, Condition A, contains a footnote, labeled *, which states "Pending resolution of stability issue.". NUREG-1434, Specification 3.4.1, Condition A also contains an asterisk. Revision 1 of NUREG-1434 contained the footnote "Pending resolution of stability issue." Revision 2 is missing the footnote. This change replaces the footnote in NUREG-1433 and supplies a reference in NUREG-1434 with a Reviewer's Note which references the four approved methodologies for addressing thermal hydraulic instabilities.

Justification:

Background

NUREG-1433, Specification 3.4.1, Condition A, contains a footnote, labeled *, which states "Pending resolution of stability issue.". NUREG-1434, Specification 3.4.1, Condition A also contains an asterisk. Revision 1 of NUREG-1434 contained the footnote "Pending resolution of stability issue." Revision 2 is missing the footnote. These footnotes reflected that the appropriate technical specifications has not been developed at the time Revision 1 of the ITS NUREGs was published.

Need for Change

Methodologies for addressing thermal hydraulic instability have been approved. Each methodology addresses the needed changes to the Technical Specifications. The ITS NUREGs should reference these methodologies.

Proposed Change

The footnote and asterisk is removed and a Reviewer's Note is added to Condition A of both NUREG-1433 and NUREG-1434 which states, "Refer to the following topical reports for the resolution for the Stability Technical Specifications Enhanced Option 1A - NEDO 32339 Supplement 4
Option 1D - NEDO 31760 Supplement 1 and NEDO 32465
GE-Option III - NEDC 32410 and NEDC 32410 Supplement 1
ABB - Option III - CENPD - 400, Rev 1"

Justification

These four methodologies have been approved by the NRC. The proposed change will not appear in any plant-specific technical specifications but provides guidance for plants converting to the ITS.

Determination of No Significant Hazards Considerations

No NSHC is needed as the change only affects the ITS NUREGs.

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Revision History

7/15/2001

OG Revision 0

Revision Status: Active

Next Action: NRC

Revision Proposed by: BWROG

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 03-Nov-98

Owners Group Comments:
(No Comments)

Owners Group Resolution: Approved Date: 21-Sep-99

TSTF Review Information

TSTF Received Date: 23-Sep-99 Date Distributed for Review: 23-Sep-99

OG Review Completed: BWOG WOG CEOG BWROG

TSTF Comments:
Changed footnote to Reviewer's Note.

TSTF Resolution: Approved Date: 29-Jun-01

NRC Review Information

NRC Received Date: 23-Jul-01

NRC Comments:
(No Comments)

Final Resolution: NRC Action Pending Final Resolution Date:

Incorporation Into the NUREGs

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

NUREG Rev Incorporated:

Affected Technical Specifications

LCO 3.4.1 Recirculation Loops Operating

7/15/2001

INSERT

- REVIEWER'S NOTE -

Refer to the following topical reports for the resolution for the Stability Technical Specifications:

- Enhanced Option 1A - NEDO 32339 Supplement 4
 - Option 1D - NEDO 31760 Supplement 1 and NEDO 32465
 - GE-Option III - NEDC 32410 and NEDC 32410 Supplement 1
 - ABB - Option III - CENPD - 400, Rev 1
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3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.1 Recirculation Loops Operating

LCO 3.4.1 Two recirculation loops with matched flows shall be in operation,

OR

[One recirculation loop may be in operation provided the following limits are applied when the associated LCO is applicable:

- a. LCO 3.2.1, "AVERAGE PLANAR LINEAR HEAT GENERATION RATE (APLHGR)," single loop operation limits [specified in the COLR],
- b. LCO 3.2.2, "MINIMUM CRITICAL POWER RATIO (MCPR)," single loop operation limits [specified in the COLR], and
- c. LCO 3.3.1.1, "Reactor Protection System (RPS) Instrumentation," Function 2.b (Average Power Range Monitors Flow Biased Simulated Thermal Power - High), Allowable Value of Table 3.3.1.1-1 is reset for single loop operation.]

APPLICABILITY: MODES 1 and 2.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Requirements of the LCO not met. [Ⓢ]	A.1 Satisfy the requirements of the LCO.	24 hours

~~*Pending resolution of stability issue.~~

Insert

3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.1 Recirculation Loops Operating

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- c. LCO 3.3.1.1, "Reactor Protection System (RPS) Instrumentation," Function 2.b (Average Power Range Monitors Flow Biased Simulated Thermal Power - High), Allowable Value of Table 3.3.1.1-1 is reset for single loop operation.]

APPLICABILITY: MODES 1 and 2.

ACTIONS

Insert

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Requirements of the LCO not met.	A.1 Satisfy the requirements of the LCO.	24 hours
B. Required Action and associated Completion Time of Condition A not met. <u>OR</u> No recirculation loops in operation.	B.1 Be in MODE 3.	12 hours