

June 19, 2002

Mr. Anthony R. Pietrangelo, Director
Risk & Performance Regulation
Nuclear Generation Division
Nuclear Energy Institute
1776 Eye Street, N.W.
Suite 400
Washington, DC 20006-2496

Dear Mr. Pietrangelo:

This is to inform you that disposition has been made on one traveler containing proposed changes to the Standard Technical Specification (STS) NUREG-1433, "Standard Technical Specification General Electric Plants BWR/4" Revision 2 and STS NUREG-1434, "Standard Technical Specification General Electric Plants BWR/6" Revision 2, initiated by the Nuclear Energy Institute Technical Specification Task Force (TSTF).

The staff has approved traveler TSTF-414 which proposed changes that revise the TS LCO 3.4.1, "Reactor Coolant System (RCS) - Recirculation Loops Operating" to add a reviewer's note which references the four approved methodologies for addressing thermal hydraulic instabilities. A safety evaluation is included with this package as supporting information.

This completes our review of the above TSTF. Please contact me at (301) 415-1156 or e-mail rld@nrc.gov if you have any questions or need further information on these dispositions.

Sincerely,

/RA/

Robert L. Dennig, Section Chief
Technical Specifications Section
Operating Reactor Improvements Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Enclosure: as stated

cc: J. Arbuckle, BWROG
D. Hoffman, EXCEL

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DATE	06/19/2002	06/19/2002	

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SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO THE REVIEW OF TSTF-414, "REVISE LCO 3.4.1 TO ADD REVIEWERS

NOTE WHICH REFERENCES FOUR METHODOLOGIES FOR

ADDRESSING THERMAL HYDRAULIC INSTABILITIES."

1.0 INTRODUCTION

The Nuclear Energy Institute (NEI) Technical Specification Task Force (TSTF) has proposed a generic change to the standard technical specifications (STS) (NUREG-1433 and 1434) on behalf of the industry. This proposed generic technical specifications (TS) change, identified by TSTF-414 Rev. 0, will revise the TS LCO 3.4.1, "Reactor Coolant System (RCS) - Recirculation Loops Operating" to add a reviewer's note which references the four approved methodologies for addressing thermal hydraulic instabilities. The proposed changes will not appear in any plant specific technical specifications but provides guidance for plants converting to STS.

2.0 BACKGROUND

The proposed generic change will revise the TS LCO 3.4.1, "Reactor Coolant System (RCS) - Recirculation Loops Operating" to add a reviewer's note which references the four approved methodologies for addressing thermal hydraulic instabilities.

The STS NUREG Revision 2:

NUREG-1433 LCO 3.4.1 CONDITION A has an asterisk with a note which states "Pending resolution of stability issues."

NUREG-1434 LCO 3.4.1 CONDITION A has an asterisk but is missing the note which states "Pending resolution of stability issues." This missing note is actually a misprint while updating from revision 1 to revision 2 of NUREG-1434.

The proposed TSTF-414 changes:

NUREG-1433 and NUREG-1434 LCO 3.4.1 CONDITION A. Delete the asterisk and the note for NUREG-1433 which state "Pending resolution of stability issues" Insert the following reviewer's note:

Enclosure

- 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

3.0 EVALUATION

Prevention of instability is maintained by limiting the reactor operation, including conditions resulting from unexpected transients, to prescribe power and flow conditions. The four references mentioned above have been provided by industry as guidance in order to prevent neutron/thermal hydraulic instability. The NRC has approved the four methodologies.

The NRC finds acceptable the proposed revision to STS LCO 3.4.1, "Reactor Coolant System (RCS) - Recirculation Loops Operating" to include a reviewer's note which references the four approved methodologies for addressing thermal hydraulic instabilities. The NRC staff also finds that the proposed changes are simple in that these reviewer's notes will not appear in any plant-specific technical specifications but provide guidance for plants converting to the Improved Technical Specifications (ITS). These changes cover NUREG-1433 and NUREG-1434 and their associated Reactor NSSS plants regardless of plant vintage. The NRC staff concludes that the proposed TSTF-414, Revision 0 changes are acceptable.