

Industry/TSTF Standard Technical Specification Change Traveler

Revise Topical Report references in ITS 5.6.5, COLR

Classification: 3) Improve Specifications

NUREGs Affected: 1430 1431 1432 1433 1434

Description:

The requirement in ITS 5.6.5, Core Operating Limits Report (COLR), to identify the Topical Report(s) by number, title, date, and NRC staff approval document is revised to allow the Topical Reports to be identified by number and title. A requirement is added to specify the complete citation in the COLR for each Topical Report, including the report number, title, revision, date, and any supplements.

Justification:

In a letter from Mr. Stuart A. Richards (NRC) to Mr. James F. Mallay (Siemens Power Corporation) dated December 15, 1999, entitled "Acceptance for Siemens References to Approved Topical Reports in Technical Specifications," the NRC stated that it is acceptable for the references to Topical Reports in ITS Section 5.6.5, COLR, to give the Topical Report title and number as long as the complete citation is given in the COLR.

As stated in the letter, this method of referencing topical reports would allow licensees to use current topical reports to support limits in the COLR without having to submit an amendment to the facility operating license every time the topical report is revised. The COLR would provide specific information identifying the particular approved topical reports used to determine the core limits for the particular cycle in the COLR report. This would eliminate unnecessary expenditure of NRC and licensee resources, and would ease the burden of TS submittal and approval needed to license reload fuel.

Industry Contact:	Pontious, Harry	(815) 357-6761,X2231	harold.d.pontiousjr@ucm.com
NRC Contact:	Tjader, Bob	301-415-1187	trt@nrc.gov

Revision History

OG Revision 0	Revision Status: Active	Next Action:
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Revision Proposed by: BWROG

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 10-Feb-2000

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 22-Feb-2000

TSTF Review Information

TSTF Received Date: 10-Feb-2000 Date Distributed for Review 10-Feb-2000

OG Review Completed: BWOG WOG CEOG BWROG

TSTF Comments:
(No Comments)

3/3/2000

OG Revision 0

Revision Status: Active

Next Action:

TSTF Resolution: **Approved** Date: **22-Feb-2000**

Incorporation Into the NUREGs

File to BBS/LAN Date:

TSTF Informed Date:

TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

5.6.5

Core Operating Limits Report (COLR)

3/3/2000

INSERT 1

The COLR will contain the complete identification for each of the TS referenced topical reports used to prepare the COLR (i.e., report number, title, revision, date, and any supplements).

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5.6 Reporting Requirements (continued)

5.6.4 Monthly Operating Reports

Routine reports of operating statistics and shutdown experience[, including documentation of all challenges to the pressurizer power operated relief valves or pressurizer safety valves,] shall be submitted on a monthly basis no later than the 15th of each month following the calendar month covered by the report.

5.6.5 CORE OPERATING LIMITS REPORT (COLR)

- a. Core operating limits shall be established prior to each reload cycle, or prior to any remaining portion of a reload cycle, and shall be documented in the COLR for the following:

[The individual specifications that address core operating limits must be referenced here.]

- b. The analytical methods used to determine the core operating limits shall be those previously reviewed and approved by the NRC, specifically those described in the following documents:

Insert 1

[Identify the Topical Report(s) by number ^{and} title, ~~date, and NRC staff approval document~~ or identify the staff Safety Evaluation Report for a plant specific methodology by NRC letter and date.]

- c. The core operating limits shall be determined such that all applicable limits (e.g., fuel thermal mechanical limits, core thermal hydraulic limits, Emergency Core Cooling System (ECCS) limits, nuclear limits such as SDM, transient analysis limits, and accident analysis limits) of the safety analysis are met.
- d. The COLR, including any midcycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC.

5.6.6 Reactor Coolant System (RCS) PRESSURE AND TEMPERATURE LIMITS REPORT (PTLR)

- a. RCS pressure and temperature limits for heat up, cooldown, low temperature operation, criticality, and hydrostatic

(continued)

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5.6 Reporting Requirements (continued)

5.6.4 Monthly Operating Reports

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Insert 1

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(continued)

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5.6 Reporting Requirements

5.6.4 Monthly Operating Reports (continued)

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5.6 Reporting Requirements

5.6.4 Monthly Operating Reports (continued)

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d. The COLR, including any midcycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC.

5.6.6 Reactor Coolant System (RCS) PRESSURE AND TEMPERATURE LIMITS REPORT (PTLR)

a. RCS pressure and temperature limits for heatup, cooldown, low temperature operation, critically, and hydrostatic testing as well as heatup and cooldown rates shall be established and documented in the PTLR for the following:

(continued)

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5.6 Reporting Requirements

5.6.4 Monthly Operating Reports (continued)

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(continued)



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

TSTF-363

December 15, 1999

Mr. James F. Mallay
Director, Regulatory Affairs
Siemens Power Corporation
2101 Horn Rapids Road
Richland, Washington 99352-0130

SUBJECT: ACCEPTANCE FOR SIEMENS REFERENCES TO APPROVED TOPICAL
REPORTS IN TECHNICAL SPECIFICATIONS (TAC NO. MA6492)

Dear Mr. Mallay:

By letter dated September 1, 1999, Siemens Power Corporation requested approval of a method of referencing topical reports in the technical specifications (TS) of operating power plants, that make use of a Core Operating Limits Report (COLR). The method would allow the references to approved topical reports in the TS to be cited using the report number and title, and a note that the COLR provides the complete citation for the reports used. The citation in the COLR would include the complete identification for each of the TS references to topical reports used to prepare the COLR (i.e., report number, title, revision, date and any supplements).

For example, the reference in the TS would be of the form, EMF-84-093(P)(A), "Steam Line Break Methodology for PWRs," approved version as specified in the COLR. The corresponding reference in the COLR would be, EMF-84-093(P)(A), Revision 1, "Steam Line Break Methodology for PWRs," Siemens Power Corporation, February 1999.

The NRC staff has reviewed your request and agrees that this would be an acceptable approach. As stated in your letter, this method of referencing topical reports would allow licensees to use current topical reports to support limits in the COLR without having to submit an amendment to the facility operating license every time the topical report is revised. The COLR would provide specific information identifying the particular approved topical reports used to determine the core limits for the particular cycle in the COLR report. This would eliminate unnecessary expenditure of NRC and licensee resources, and would ease the burden of TS submittal and approval needed to license reload fuel. As you know, only NRC-approved methodology may be used and that since the COLR is a FSAR-related document, changes to the COLR require prior licensee review for unreviewed safety questions under 10 CFR 50.59.

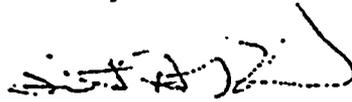
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Mr. James F. Mallay

- 2 - December 15, 1999

This completes the staff effort on TAC No. MA6492. If you have any questions, please call Mr. N. Kalyanam, Project Manager, at (301) 415-1480.

Sincerely,



Stuart A. Richards, Director
Project Directorate IV & Decommissioning
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Project No. 702