

## Industry/TSTF Standard Technical Specification Change Traveler

**Extend the Completion Time for Fq(w) not within limits from 2 hours to 4 hours**

Priority/Classification 2) Consistency/Standardization

NUREGs Affected:  1430  1431  1432  1433  1434

**Description:**

The Completion Time for LCO 3.2.1B, Required Action B.1 has been extended from 2 hours to 4 hours.

**Justification:**

This change is being proposed to be consistent with the Completion Time associated with Required Action A.2 of LCO 3.2.1.A

### Revision History

**OG Revision 0**

**Revision Status: Active**

**Next Action:**

Revision Proposed by:

Revision Description:  
Original Issue

#### Owners Group Review Information

Date Originated by OG: 27-Nov-95

Owners Group Comments  
(No Comments)

Owners Group Resolution: Approved Date: 27-Nov-95

#### TSTF Review Information

TSTF Received Date: 27-Nov-95 Date Distributed for Review 27-Nov-95

OG Review Completed:  BWOG  WOG  CEOG  BWROG

TSTF Comments:

NA CEOG, BWOG, BWRs

TSTF Resolution: Approved Date: 30-Apr-96

#### NRC Review Information

NRC Received Date: 17-Jul-96 NRC Reviewer: R. Tjader

NRC Comments:  
9/18/96 - Approved

Final Resolution: NRC Approves

Final Resolution Date: 18-Sep-96

### Incorporation Into the NUREGs

File to BBS/LAN Date:

TSTF Informed Date:

TSTF Approved Date:

NUREG Rev Incorporated:

4/2/98

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**Affected Technical Specifications**

Action 3.2.1B.B Fq(z) (Fq Methodology)

Action 3.2.1B.B Bases Fq(z) (Fq Methodology)

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4/2/98

TSTF-99

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. F <sub>0</sub> <sup>w</sup> (Z) not within limits.	B.1 Reduce AFD limits ≥ 1% for each 1% F <sub>0</sub> <sup>w</sup> (Z) exceeds limit.	2 hours
C. Required Action and associated Completion Time not met.	C.1 Be in MODE 2.	6 hours

BASES

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ACTIONS  
(continued)

A.2

A reduction of the Power Range Neutron Flux-High trip setpoints by  $\geq 1\%$  for each  $1\%$  by which  $F_0^C(Z)$  exceeds its limit, is a conservative action for protection against the consequences of severe transients with unanalyzed power distributions. The Completion Time of 8 hours is sufficient considering the small likelihood of a severe transient in this time period and the preceding prompt reduction in THERMAL POWER in accordance with Required Action A.1.

A.3

Reduction in the Overpower  $\Delta T$  trip setpoints by  $\geq 1\%$  for each  $1\%$  by which  $F_0^C(Z)$  exceeds its limit, is a conservative action for protection against the consequences of severe transients with unanalyzed power distributions. The Completion Time of 72 hours is sufficient considering the small likelihood of a severe transient in this time period, and the preceding prompt reduction in THERMAL POWER in accordance with Required Action A.1.

A.4

Verification that  $F_0^C(Z)$  has been restored to within its limit, by performing SR 3.2.1.1 prior to increasing THERMAL POWER above the limit imposed by Required Action A.1, ensures that core conditions during operation at higher power levels are consistent with safety analyses assumptions.

B.1

If it is found that the maximum calculated value of  $F_0(Z)$  that can occur during normal maneuvers,  $F_0^V(Z)$ , exceeds its specified limits, there exists a potential for  $F_0^C(Z)$  to become excessively high if a normal operational transient occurs. Reducing the AFD by  $\geq 1\%$  for each  $1\%$  by which  $F_0^V(Z)$  exceeds its limit within the allowed Completion Time of 14 2 hours, restricts the axial flux distribution such that even if a transient occurred, core peaking factors are not exceeded.

(continued)