

Industry/TSTF Standard Technical Specification Change Traveler

Revise Actions for Exiting Physics Tests

Classification: 1) Correct Specifications

NUREGs Affected: 1430 1431 1432 1433 1434

Description:

The Required Action in STE- MODES 1 and 2 to be in MODE 3 in 6 hours is deleted. A one hour Completion Time to suspend Physics Tests has been added.

Justification:

STE - MODES 1 and 2, Action C requires that physics tests be suspended and the unit be in Mode 3 within 6 hours if the required action and associated completion time are not met. The Bases for this action states that physics tests must be suspended within 1 hour and the unit brought to Mode 3 in 6 hours, however, the ACTION in NUREG-1432 (digital) does not include the 1 hour requirement to suspend physics tests. The applicability for the Specification is Modes 1 and 2 during physics tests and the LCO allows suspension of the requirements of listed LCOs during performance of physics tests. Since the LCO and applicability only apply during physics tests, suspension of physics tests will result in the LCO no longer being applicable and the requirements of the suspended LCOs must be met. As Physics Tests would be suspended during a shutdown to Mode 3, the action to be in Mode 3 would never have to be completed. Therefore, the required action to be in Mode 3 in 6 hours is not necessary and has been deleted. The Bases required completion time of 1 hour for suspending physics tests has been added to the action for NUREG-1432 (digital). The Bases have also been changed to be consistent with the revised action. (Note that TSTF-67 changes the same sections as this proposed TSTF, but does not resolve this problem.)

Industry Contact:	Weber, Tom	(602) 393-5764	tweber01@apsc.com
NRC Contact:	Tjader, Bob	301-314-1187	trt@nrc.gov

Revision History

OG Revision 0	Revision Status: Active	Next Action: NRC
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Revision Proposed by: Palo Verde

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 14-Jan-98

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 27-Jan-98

TSTF Review Information

TSTF Received Date: 27-Jan-98 Date Distributed for Review 28-May-98

OG Review Completed: BWOG WOG CEOG BWROG

TSTF Comments:
(No Comments)

TSTF Resolution: Approved Date: 10-Jul-98

11/10/98

OG Revision 0

Revision Status: Active

Next Action: NRC

NRC Review Information

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

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

Action 3.1.9 STE - MODES 1 and 2 (Analog)

Action 3.1.9 Bases STE - MODES 1 and 2 (Analog)

Action 3.1.10 STE - MODES 1 and 2 (Digital)

Action 3.1.10 Bases STE - MODES 1 and 2 (Digital)

11/10/98

TSTF-305

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. SDM is not within limit.	B.1 Initiate boration to restore SDM to within limit.	15 minutes
	<u>AND</u> B.2 Suspend PHYSICS TESTS.	1 hour
C. Required Action and associated Completion Time not met.	C.1 Suspend PHYSICS TESTS. <u>AND</u> C.2 Be in MODE 3.	② hour ↑ ①

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.1.10.1 Verify THERMAL POWER equal to or less than the test power plateau.	1 hour
SR 3.1.10.2 Verify SDM is $\geq [5.0]\% \Delta k/k$.	24 hours

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BASES (continued)

ACTIONS

A.1

If THERMAL POWER exceeds the test power plateau in MODE 1, THERMAL POWER must be reduced to restore the additional thermal margin provided by the reduction. The 15 minute Completion Time ensures that prompt action shall be taken to reduce THERMAL POWER to within acceptable limits.

B.1 and B.2

If the SDM requirement is not met, boration must be initiated promptly. A Completion Time of 15 minutes is adequate for an operator to correctly align and start the required systems and components. The operator should begin boration with the best source available for the plant conditions. Boration will be continued until the SDM is within limit.

Suspension of PHYSICS TESTS exceptions requires restoration of each of the applicable LCOs to within specification.

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C.1 and C.2

If Required Action A.1 or B.1 cannot be completed within the required Completion Time, PHYSICS TESTS must be suspended within 1 hour ~~and the reactor must be brought to MODE 3~~. Allowing 1 hour for suspending PHYSICS TESTS allows the operator sufficient time to change any abnormal CEA configuration back to within the limits of LCO 3.1.5, LCO 3.1.6, and LCO 3.1.7. ~~Bringing the reactor to MODE 3 within 6 hours increases thermal margin and is consistent with the Required Actions of the power distribution LCOs. The required Completion Time of 6 hours is adequate for performing a controlled shutdown from full power conditions in an orderly manner and without challenging plant systems, and is consistent with the power distribution LCO Completion Times.~~

SURVEILLANCE
REQUIREMENTS

SR 3.1.10.1

Verifying that THERMAL POWER is equal to or less than that allowed by the test power plateau, as specified in the

(continued)

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ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. SDM not within limit.	B.1 Initiate boration to restore SDM to within limit.	15 minutes
	<u>AND</u> B.2 Suspend PHYSICS TESTS.	1 hour
C. Required Action and associated Completion Time not met.	C.1 Suspend PHYSICS TESTS.	1 hour
	<u>AND</u> C.2 Be in MODE 3.	6 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.1.9.1 Verify THERMAL POWER is equal to or less than the test power plateau.	1 hour
SR 3.1.9.2 Verify SDM is $\geq [4.5]\% \Delta k/k$.	24 hours

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BASES (continued)

ACTIONS

A.1

If THERMAL POWER exceeds the test power plateau, THERMAL POWER must be reduced to restore the additional thermal margin provided by the reduction. The 15 minute Completion Time ensures that prompt action shall be taken to reduce THERMAL POWER to within acceptable limits.

B.1 and B.2

If the SDM requirement is not met, boration must be initiated promptly. A Completion Time of 15 minutes is adequate for an operator to correctly align and start the required systems and components. The operator should begin boration with the best source available for the plant conditions. Boration will be continued until the SDM is within limit.

Suspension of PHYSICS TESTS exceptions requires restoration of each of the applicable LCOs to within specification.

C.1 and C.2

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If Required Action A.1 or B.1 cannot be completed within the required Completion Time, PHYSICS TESTS must be suspended within 1 hour, and the reactor must be brought to MODE 3. Allowing 1 hour for suspending PHYSICS TESTS allows the operator sufficient time to change any abnormal CEA configuration back to within the limits of LCO 3.1.5, LCO 3.1.6, and LCO 3.1.7. Bringing the reactor to MODE 3 within 6 hours increases thermal margin and is consistent with the Required Actions of the power distribution LCOs. The required Completion Time of 6 hours is adequate for performing a controlled shutdown from full power conditions in an orderly manner and without challenging plant systems, and is consistent with power distribution LCO Completion Times.

SURVEILLANCE REQUIREMENTS

SR 3.1.9.1

Verifying that THERMAL POWER is equal to or less than that allowed by the test power plateau, as specified in the

(continued)