

### 3/4.10 SPECIAL TEST EXCEPTIONS

#### 3/4.10.7 18 MONTH CHANNEL CALIBRATION

#### LIMITING CONDITION FOR OPERATION

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3.10.7 The provisions of Specification 4.0.3 may be suspended for 18 month CHANNEL CALIBRATIONS required by Technical Specifications 3.3.1, 3.3.2, 3.3.3.5 and 3.3.3.6 for the instruments identified in Table 3.10-2, provisional with maintaining actuation setpoints in accordance with Table 3.10-3. The instruments shall otherwise be maintained OPERABLE in accordance with Technical Specifications 3.3.1, 3.3.2, 3.3.3.5 and 3.3.3.6.

APPLICABILITY: Prior to entry into a mode in the Cycle 5 refueling outage, in which the instrument operability is no longer required, or September 11, 1989, whichever occurs first.

ACTION: In accordance with the applicable ACTION requirements of Technical Specification 3.3.1, 3.3.2, 3.3.3.5 and 3.3.3.6.

#### SURVEILLANCE REQUIREMENTS

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4.10.7 CHANNEL CHECKS and CHANNEL FUNCTIONAL TESTS shall be performed at the specified frequencies in accordance with Technical Specifications 3.3.1, 3.3.2, 3.3.3.5 and 3.3.3.6 for the instruments listed in Table 3.10.2.

TABLE 3.10.2

INSTRUMENTATION SUBJECT TO SUSPENSION OF  
SPECIFICATION 4.0.3 FOR  
18 MONTH SURVEILLANCE REQUIREMENTS

Table 4.3-7 Accident Monitoring Instrumentation

Instrument

3. Reactor Coolant Outlet Temperature -  $T_{hot}$  (Wide Range)
4. Reactor Coolant Inlet Temperature -  $T_{cold}$  (Wide Range)
5. Pressurizer Pressure (Wide Range)
6. Pressurizer Water Level
7. Steam Line Pressure
8. Steam Generator Water Level (Wide Range)
11. RCS Subcooling Margin Monitor (QSPDS)
12. Safety Valve Position Indicator
15. Containment Temperature
16. Containment Water Level (Narrow Range)
17. Containment Water Level (Wide Range)
18. Core Exit Thermocouples
21. Heated Junction Thermocouple System - Reactor Vessel Level Monitoring System

Table 4.3-1 Reactor Protective Instrumentation

Functional Unit

1. Manual Reactor Trip
4. Pressurizer Pressure - High
5. Pressurizer Pressure - Low
7. Steam Generator Pressure - Low
8. Steam Generator Level - Low
9. Local Power Density - High
10. DNBR - Low
11. Steam Generator Level - High
12. Reactor Protection System Logic
14. Core Protection Calculators
15. CEA Calculators
16. Reactor Coolant Flow - Low
17. Seismic - High

TABLE 3.10-2 (CONTINUED)

Table 4.3-2      Engineered Safety Feature Actuation System  
Instrumentation

Functional Unit

- 1.a.      Safety Injection (SIAS) Manual (Trip Buttons)
- 1.c.      Safety Injection (SIAS) Pressurizer Pressure - Low
- 2.a.      Containment Spray (CSAS) Manual (Trip Buttons)
- 3.a.      Containment Isolation (CIAS) Manual CIAS (Trip Buttons)
- 3.b.      Containment Isolation (CIAS) Manual SIAS (Trip Buttons)  
(5)
- 4.a.      Main Steam Isolation (MSIS) Manual (Trip Buttons)
- 4.b.      Main Steam Isolation (MSIS) Steam Generator Pressure -  
Low
- 6.a.      Containment Cooling (CCAS) Manual CCAS (Trip Buttons)
- 6.b.      Containment Cooling (CCAS) Manual SIAS (Trip Buttons)
- 8.a.      Emergency Feedwater (EFAS) Manual (Trip Buttons)
- 8.b.      Emergency Feedwater (EFAS) SG Level (A/B) - Low and DP  
(A/B) - High
- 8.c.      Emergency Feedwater (EFAS) SG Level (A/B) - Low and No  
Pressure - Low Trip (A/B)

Table 4.3-6      Remote Shutdown Instrumentation

Instrument

- 2.      Reactor Coolant Cold Leg Temperature
- 3.      Pressurizer Pressure
- 4.      Pressurizer Level
- 5.      Steam Generator Level
- 6.      Steam Generator Pressure
- 8.      Condenser Vacuum
- 9.      Volume Control Tank Level
- 14.      Reactor Coolant Hot Leg Temperature
- 15.      Pressurizer Pressure - Low Range
- 16.      Pressurizer Pressure - High Range
- 17.      Pressurizer Level
- 19.      Steam Generator Level

Table 3.10-3

Reactor Protective System Instrumentation Trip Setpoints  
(30 Month Calibration Interval)

<u>Functional Unit</u>	<u>Revised Trip Setpoint</u>	<u>Revised Allowable Value</u>
4. Pressurizer Pressure-High	$\leq 2360 \text{ psia}$	$\leq 2371 \text{ psia}$
7. Steam Generator Pressure-Low	$\geq 735 \text{ psia}$	$\geq 719 \text{ psia}$
8. Steam Generator Level-Low	$\geq 29.0\%$	$\geq 28.0\%$
11. Steam Generator Level High	$\leq 84.0\%$	$\leq 85.0\%$

Note:                      This table provides one-time exception values for the RPS setpoints presently identified in Technical Specification Table 2.2-1.

Table 3.10-4

Engineered Safety Feature Actuation System Instrumentation  
Trip Setpoints  
(30 Month Calibration Interval)

<u>Functional Unit</u>	<u>Revised Trip Setpoint</u>	<u>Revised Allowable Value</u>
4. Main Steam Isolation (MSIS)		
b. Steam Generator Pressure -Low	≥ 735 psia	≥ 719 psia
8. Emergency Feedwater (EFAS)		
b. Steam Generator Level (A&B) -Low	≥ 29.0%	≥ 28.0%
e. Steam Generator Pressure (A&B) - Low	≥ 735 psia	≥ 719 psia

Note:           This table provides one-time exception values for  
                  the ESFAS setpoints presently identified in  
                  Technical Specification Table 3.3-4.

### 3/4.10 SPECIAL TEST EXCEPTIONS

#### BASES

#### 3/4.10.7 18 MONTH CHANNEL CALIBRATIONS

This special test exception permits a one-time exception to the provisions of Specification 4.0.3 for 18 month surveillance requirements for Technical Specifications 3.3.1, 3.3.2, 3.3.3.5, and 3.3.3.6 for the instrumentation identified in Table 3.10-2, provisional with maintaining actuation setpoints in accordance with Table 3.10-3.