

TABLE 3.2.B (CONTINUED)

INSTRUMENTATION THAT INITIATES OR CONTROLS THE CORE AND CONTAINMENT
COOLING SYSTEMS

Minimum No. Of Operable Instrument Channels Per Trip System(1)	Trip Function	Trip Level Setting	Number of Instru- ment Channels Pro- vided by Design	Remarks
1	Core Spray Sparger to Reactor Pressure Vessel d/p	1 (+/-1.5) psid	2 Inst. Channels	Alarm to detect core spray sparger pipe break.
2	Condensate Storage Tank Low Level	>/= 5 feet above tank bottom	2 Inst. Channels	Provides interlock to HPCI pump suction valves.
2	Suppression Chamber High Level	</= 5 inches above torus midpoint	2 Inst. Channels	Transfers HPCI pump suction to suppression chamber.

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TABLE 4.2.B
MINIMUM TEST AND CALIBRATION FREQUENCY FOR CSCS

<u>Instrument Channel</u>	<u>Instrument Functional Test</u>	<u>Calibration Frequency</u>	<u>Instrument Check</u>
1) Reactor Water Level (7)	(1) (3)	Once/operating cycle	Once/day
2) Drywell Pressure (7)	(1) (3)	Once/operating cycle	Once/day
3) Reactor Pressure (7)	(1) (3)	Once/operating cycle	Once/day
4) Reactor Pressure - PCIS/LPCI Interlock	(1)	Once/3 months	None
5) Auto Sequencing Timers	NA	Once/operating cycle	None
6) ADS - LPCI or CS Pump Disch. Pressure Interlocks	(1)	Once/3 months	None
7) Trip System Bus Power Monitors	(1)	NA	None
8) Core Spray Sparger d/p	(1)	Once/6 months	Once/day
9) Steam Line High Flow (HPCI & RCIC)	(1)	Once/3 months	None
10) Steam Line High Flow Timers (HPCI and RCIC)	NA	Once/operating cycle	None
11) Steam Line High Temp. (HPCI & RCIC)	(1) (3)	Once/operating cycle	Once/day
12) Safeguards Area High Temp.	(1)	Once/3 months	None

TABLE 4.2.B (CONTINUED)
MINIMUM TEST AND CALIBRATION FREQUENCY FOR CSCS

<u>Instrument Channel</u>	<u>Instrument Functional Test</u>	<u>Calibration Frequency</u>	<u>Instrument Check</u>
13) HPCI and RCIC Steam Line Low Pressure	(1)	Once/3 months	None
14) HPCI Suction Source Levels	(1)	Once/3 months	None
15) 4KV Emergency Power System Voltage Relays (HGA,SV)	Once/operating cycle	Once/5 years	None
16) ADS Relief Valves Bellows Pressure Switches	Once/operating cycle	Once/operating cycle	None
17) LPCI/Cross Connect Valve Position	Once/refueling cycle	N/A	N/A
18) 4KV Emergency Power Source Degraded Voltage Relays (IAV,CV-6,ITE)	Once/month	Once/operating cycle	None

TABLE 4.2.F

MINIMUM TEST AND CALIBRATION FREQUENCY FOR SURVEILLANCE INSTRUMENTATION

Instrument Channel	Calibration Frequency	Instrument Check
1) Reactor Level	Once/6 months	Once Each Shift
2) Reactor Pressure	Once/6 months	Once Each Shift
3) Drywell Pressure	Once/6 months	Once Each Shift
4) Drywell Temperature	Once/6 months	Once Each Shift
5) Suppression Chamber Water Temperature	Once/operating cycle** Once/6 months***	Once Each Day** Once Each Shift***
6) Suppression Chamber Water Level	Once/6 months	Once Each Shift
7) Control Rod Position	NA	Once Each Shift
8) Neutron Monitoring (APRM)	Twice Per Week	Once Each Shift
9) Safety/Relief Valve Position Indicator (acoustics)	Once/Operating cycle	Once/Month
10) Safety/Relief Valve Position Indicator (thermocouple)	NA*	Once/month
11) Safety Valve Position Indicator (Acoustics)	Once/operating cycle	Once/month
12) Safety Valve Position Indicator (thermocouple)	NA*	Once/month

* Perform instrument functional check once per operating cycle

** Effective when modification associated with this amendment request is complete.

***Delete when modification associated with this amendment request is complete.