

Table 4.1-1

Minimum Frequencies for Checks, Calibrations and
Tests of Instrument Channels

Channel Description	Check	Calibrate	Test	Remarks
10. Rod Position Bank Counters	S	N.A.	N.A.	With analog rod position
11. Steam Generator Level	S	R#	Q	
12. Charging Flow	N.A.	R#	N.A.	
13. Residual Heat Removal Pump Flow	N.A.	R#	N.A.	
14. Boric Acid Tank Level	W	R	N.A.	Bubbler tube rodded during calibration
15. Refueling Water Storage Tank Level	W	R	N.A.	
16. DELETED				
17. Volume Control Tank Level	N.A.	R#	N.A.	
18a. Containment Pressure	D	R#	Q	Wide Range
18b. Containment Pressure	S	R#	Q	Narrow Range
18c. Containment Pressure (PT-3300, PT-3301)	M	R#	N.A.	High Range
19. Process Radiation Monitoring System	D	R#	M	
19a. Area Radiation Monitoring System	D	R#	M	
19b. Area Radiation Monitoring System (VC)	D	R#	M	

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Channel Description	Check	Calibrate	Test	Remarks
d. Trip of Main Feedwater Pumps	N.A.	N.A.	R#	
31. Reactor Coolant System Subcooling Margin Monitor	M	R#	N.A.	
32. PORV Position Indicator (Limit Switch)	M	R#	R#	
33. PORV Block Valve Position Indicator (Limit Switch)	M*	R#	R#	
34. Safety Valve Position Indicator (Acoustic Monitor)	M	R#	R#	
35. Auxiliary Feedwater Flow Rate	M	R	R	
36. PORV Actuation/ Reclosure	N.A.	R#	N.A.	
37. Overpressure Protection System (OPS)	N.A.	R#	**	

* Except when block valve operator is deenergized.

** Within 31 days prior to entering a condition in which OPS is required to be operable and at monthly intervals thereafter when OPS is required to be operable.

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Channel Description	Check	Calibrate	Test	Remarks
38. Wide Range Plant Vent Noble Gas Effluent Monitor (R-27)	S	R	N.A.	
39. Main Steam Line Radiation Monitor (R-28, R-29, R-30, R-31)	S	R#	N.A.	
40. High Range Containment Radiation Monitor (R-25, R-26)	S	R*#	N.A.	
41. Containment Hydrogen Monitor	Q	Q**	N.A.	

* Acceptable criteria for calibration are provided in Table II.F-13 of NUREG-0737.

** Calibration will be performed using calibration span gas.

Table 4.1-3

Frequencies for Equipment Tests

	Check	Frequency	Maximum Time Between Tests
1. Control Rods	Rod drop times of all control rods	Refueling # Interval	*
2. Control Rods	Movement of at least 10 steps in any one direction of all control rods	Every 31 days during reactor critical operations	*
3. Pressurizer Safety Valves	Setpoint	Refueling # Interval	*
4. Main Steam Safety Valves	Setpoint	Refueling # Interval	*
5. Containment Isolation System	Automatic Actuation	Refueling # Interval	*
6. Refueling System Interlocks	Functioning	Each refueling shutdown prior to refueling operation	Not Applicable
7. Diesel Fuel Supply	Fuel Inventory	Weekly	10 days
8. Turbine Steam Stop Control Valves	Closure	**	**
9. Cable Tunnel Ventilation Fans	Functioning	Monthly	45 days

* See Specification 1.9.

** The turbine steam stop and control valves shall be tested at a frequency determined by the methodology presented in WCAP-11525 "Probabilistic Evaluation of Reduction in Turbine Valve Test Frequency", and in accordance with established NRC acceptance criteria for the probability of a missile ejection incident at IP-2. In no case shall the test interval for these valves exceed one year.