

TABLE 4.1-1
MINIMUM FREQUENCIES FOR CHECK, CALIBRATIONS AND TEST OF INSTRUMENT CHANNELS

<u>Channel Description</u>	<u>Check</u>	<u>Calibrate</u>	<u>Test</u>	<u>Remarks</u>
1. Nuclear Power Range	S	D(1,5) Q(3,5) R(4)	Q(2)	1) Against a heat balance standard, above 15% RATED POWER 2) Signal at ΔT ; bistable action (permissive, rod stop, trip) 3) Upper and lower chambers for symmetric offset by means of the movable incore detector system 4) Neutron detectors may be excluded from CHANNEL CALIBRATION 5) The provisions of Specification 4.0.4 are not applicable
2. Nuclear Intermediate Range (below P-10 setpoint)	*S	R(2,3)	P(1)	1) Log level; bistable action (permissive, rod stop, trip) 2) Neutron detectors may be excluded from CHANNEL CALIBRATION 3) The provisions of Specification 4.0.4 are not applicable
3. Nuclear Source Range (below P-6 setpoint)	*S	R(2,3)	P(1)	1) Bistable action (alarm, trip) 2) Neutron detectors may be excluded from CHANNEL CALIBRATION 3) The provisions of Specification 4.0.4 are not applicable
4. Reactor Coolant Temperature	*S	R	Q(1) Q(2)	1) Overtemperature ΔT 2) Overpower ΔT
5. Reactor Coolant Flow	S	R	Q	
6. Pressurizer Water Level	S	R	Q	
7. Pressurizer Pressure (High & Low)	S	R	Q	
8. 4 KV Voltage and Frequency	N.A.	R	Q(1)	1) Setpoint verification not required
9. Analog Rod Position	*S(1,2) (3)	R	N.A.	1) With step counters 2) Each six inches of rod motion when data logger is out of service 3) N.A. when reactor is in HOT, INTERMEDIATE OR COLD SHUTDOWN

Amendment Nos. 237 and 236

TS 4.1-6