

Consumers Power Company  
Palisades Plant  
Docket 50-255

PROPOSED TECHNICAL SPECIFICATION PAGE CHANGES

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TABLE 4.1.3 (Contd)

Minimum Frequencies for Checks, Calibrations and Testing of Miscellaneous Instrumentation and Controls

<u>Channel Description</u>	<u>Surveillance Function</u>	<u>Frequency</u>	<u>Surveillance Method</u>
15. Auxiliary Feed Pump Flow Indication	a. Calibrate	R	a. Known Differential Pressure Applied to Sensors
16. Auxiliary Feed Pump Auto Initiation	a. Test	M (3) (5)	a. Switch
	b. Calibrate	R	b. Known Differential Pressure Applied to Sensors
17. Power Operated Relief Valves and Pressurizer Code Safety Relief Valves Position Indication	a. Temperature	a. Calibrate	a. Known Resistance Substitute for RTD
		b. Check	b. Comparison of Channels
	b. Acoustic Monitor	a. Calibrate	R
18. Subcooling Margin Monitor	a. Check	S	a. Comparison of Channels
	b. Calibrate	R	b. Known Resistance Substituted for RTD Coincident With Known Pressure Input (4)

(3) Test method to be alternated to include starting auxiliary feedwater pump from the control room hand switch, from the breaker and automatic start in a three-month period.

(4) In conjunction with item 4(b), Table 4.1.1.

(5) It is not necessary to perform the specified testing during the cold shutdown condition.

Proposed

## 4.9 Auxiliary Feedwater System

### Applicability

Applies to periodic testing requirements of the turbine-driven and motor-driven auxiliary feedwater pump.

### Objective

To verify the operability of the auxiliary feedwater system and its ability to respond properly when required.

### Specifications

Demonstrate the operability of each feedwater pump:

- a. At least once per 31 days:
  1. The operability of each motor-driven pump shall be confirmed as required by Specification 4.3.c. and Table 4.1.3 Item 16a.
  2. The operability of the steam-driven pump shall be confirmed as required by Specification 4.3.c. and Table 4.1.3 Item 16a. The Provisions of Specification 3.0.4 are not applicable for entry into Hot Standby.
  3. Verifying that each non-automatic valve in the flow path that is not locked, sealed, or otherwise secured in position, is in its correct position.
- b. At least once per 18 months by:
  1. Verifying that each Automatic Valve (CV-0736A, CV-0737A, CV-0727 and CV-0749) actuates to its correct position (or that specified flow is established) upon receipt of a simulated auxiliary feedwater pump start signal.
  2. Verifying that each pump breaker (or steam valve control) receives an actuation signal upon receipt of an auxiliary feedwater actuation test signal.

### Basis

The periodic testing of Section 4.9.a. will verify auxiliary feedwater pump operability by recirculating water to the condensate storage tank and monitoring pump performance as specified in Section 4.3.c.

The operability testing of Section 4.9.b. will verify auto initiation of the auxiliary feedwater system by simulating a low steam generator level and observation of an actuation signal for the electric-driven pump breakers and for the steam-driven pump valve control. Operability of the flow control valves (CV-0736A, CV-0737A, CV-0727 and CV-0749) will be verified through simulation of an auxiliary feedwater pump start signal and observing valve actuation to its correct position or by auxiliary feedwater system flow as monitored by installed instrumentation.

### REFERENCES

FSAR, Section 9.7.

Proposed