

4.8.5 The surveillance requirements for auxiliary feedwater system automatic initiation shall be as stated in Table 4.8-1.

Basis

The monthly testing of the auxiliary feedwater pumps by recirculation will verify their operability. The capacity of any one of three auxiliary feedwater pumps is sufficient to meet decay heat removal requirements. (1), (2), (3)

Proper functioning of the steam turbine admission valve and the starting of the feedwater pumps will demonstrate the integrity of the steam driven pump. Verification of correct operation will be made both from instrumentation within the control room and direct visual observation of the pumps. Testing of the steam turbine auxiliary feedwater pump is not required during periods of cold shutdown when steam is not available. In this condition the pump is not required for plant safety. If the steam turbine driven auxiliary feedwater pump has exceeded its surveillance interval following a period of reactor cold shutdown, then the surveillance test shall be performed prior to reactor criticality, but not to exceed 24 hours after the reactor coolant system has been at a minimum 547 deg. F.

References

- (1) FSAR Section 10.4
- (2) FSAR Section 14.1.11
- (3) FSAR Section 14.2.5