

MARKED-UP TECHNICAL SPECIFICATION BASES PAGES

Remove Page

B 3/4 7-10

Insert Page

B 3/4 7-10



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Page B 3/4 7-10 INSERT:

Each auxiliary saltwater (ASW) pump room drain check valve is required to be OPERABLE for the associated ASW train to be OPERABLE. Both check valves are required to be OPERABLE to ensure that the ASW system can perform its required function if a design flood event occurred. In the event of a single failure, at least one ASW train will remain OPERABLE so that the plant can be shut down following the design flood event.



11

TECHNICAL SPECIFICATION BASES PAGES

1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
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1967
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PLANT SYSTEMS

BASES

3/4.7.1:7 MAIN FEEDWATER REGULATING, BYPASS AND ISOLATION VALVES (continued)

exited. If a MFRV or a MFRV bypass valve is inoperable, another option is available to isolate the inoperable valve with at least one closed valve within 4 hours. This option is not available for the MFIVs since the MFIVs are in the Class I feedwater piping and there are no other valves, other than check valves, in the Class I piping that could be closed to isolate the Class I portion of the feedwater line.

3/4.7.3 VITAL COMPONENT COOLING WATER SYSTEM

The OPERABILITY of the Vital Component Cooling Water (CCW) System ensures that sufficient cooling capacity is available for continued operation of safety-related equipment during normal and accident conditions. The redundant cooling capacity of this system, assuming a single failure, is consistent with the assumptions used in the safety analyses. The OPERABILITY of the CCW System and the components that it cools is ensured if, following design basis accident initiation, the CCW supply temperature is maintained at less than or equal to 140°F for up to 6 hours and less than or equal to 120°F thereafter.

3/4.7.4 AUXILIARY SALTWATER SYSTEM

The OPERABILITY of the Auxiliary Saltwater System ensures that sufficient cooling capacity is available for continued operation of safety-related equipment during normal and accident conditions. The redundant cooling capacity of this system, assuming a single failure, is consistent with the assumptions used in the safety analyses.

Each auxiliary saltwater (ASW) pump room drain check valve is required to be OPERABLE for the associated ASW train to be OPERABLE. Both check valves are required to be OPERABLE to ensure that the ASW system can perform its required function if a design flood event occurred. In the event of a single failure, at least one ASW train will remain OPERABLE so that the plant can be shut down following the design flood event.

3/4.7.5 CONTROL ROOM VENTILATION SYSTEM

The OPERABILITY of the Control Room Ventilation System ensures that: (1) the ambient air temperature does not exceed the allowable temperature for continuous duty rating for the equipment and instrumentation cooled by this system, and (2) the control room will remain habitable for operations personnel during and following all credible accident conditions. The OPERABILITY of this system in conjunction with control room design provisions is based on limiting the radiation exposure to personnel occupying the control room to 5 rem or less whole body, or its equivalent. This limitation is consistent with the requirements of General Design Criterion 19 of Appendix A, 10 CFR Part 50. Operation of the system with the heaters operating to maintain low humidity using automatic control for at least 10 continuous hours in a 31-day period is sufficient to reduce the buildup of moisture on the adsorbers and HEPA filters. ANSI N510-1980 will be used as a procedural guide for surveillance testing, except laboratory testing of charcoal shall be performed in accordance with ASTM D3803-1989.

