

ATTACHMENT 1
SURRY POWER STATION
PROPOSED TECHNICAL SPECIFICATION CHANGE
INOPERABLE CONTROL ROD

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P PDC

ΔT and Overttemperature ΔT trip settings shall be reduced by the equivalent of 2% power for every 1% quadrant to average power tilt.

C. Inoperable control rod

1. A control rod assembly shall be considered inoperable if the assembly cannot be moved by the drive mechanism or the assembly remains misaligned from its group step demand position by more than ± 24 steps during the "Thermal Soak" period, as defined in Section 3.12.E.1.b, or ± 12 steps otherwise during power operation. No tolerance limit is required in the shutdown modes, but a rod shall be considered inoperable if the rod position indicators do not verify rod movement upon demand. Additionally, a full-length control rod shall be considered inoperable if its rod drop time is greater than 2.4 seconds to dashpot entry.
2. With more than one inoperable control rod assembly, as defined in 3.12.C.1, determine within 1 hour that the SHUTDOWN MARGIN requirements of Specification 3.12.A.3.c are satisfied and be in Hot Shutdown within 6 hours.
3. If more than one control rod assembly in a given bank are out of service because of a single failure external to the individual rod drive mechanism but remain trippable (i.e., programming circuitry), the provisions of Specification 3.12.C.1 and 3.12.C.2 shall not apply. Either restore the affected assemblies to operable status in the next 2 hours or be in Hot Shutdown within the next 6 hours.
4. The provisions of Specification 3.12.C.1 and 3.12.C.2 shall not apply during reactor physics tests in which the assemblies are intentionally misaligned.
5. Power operation may continue with one rod inoperable provided that within one hour either:
 - a. the rod is no longer inoperable as defined in Specification 3.12.C.1, or