

The proposed change to applicability requirement 3.0.5 in MODES 5 and 6 described above will extend the exemption which allows one of the two required A-C power sources to be inoperable without cascading the inoperability to components or systems in the LCO's. Without the exemption, inoperability of either A-C power source requires each component or system powered by that source to be declared inoperable because the definition of operability requires both the normal and emergency source to be operable.

The origin and basis for the current Technical Specification 3.0.5 applicability statement is contained in an NRC letter dated 4-10-80 to all power reactor licensees. The intent of 3.0.5 is to allow the A-C source Technical Specification to control the allowed outage time when an A-C source is inoperable rather than having the time controlled by some other LCO on a system or component which is powered by the A-C source but has a more restrictive allowed outage time.

The 3.0.5 applicability statement cannot be invoked unless two requirements are met. They are, the alternate source of A-C power must be available in the affected train of the system and all of the components in the redundant train of the system must be operable. If these requirements cannot be met the plant is required to go to COLD SHUTDOWN. These requirements ensure against a single failure leading to the complete loss of a system function when one A-C source is inoperable.

