

Applicability

Applies to the operating status of steam and power conversion system.

Objective

To define conditions of the steam and power conversion system steam-relieving capacity. Auxiliary Feedwater System and Service Water System operation is necessary to ensure the capability to remove decay heat from the core.

Specifications

- A. When the reactor coolant is heated above 350°F the reactor shall not be taken critical unless the following conditions are met:
 1. A minimum steam-relieving capability of eight (8) main steam safety valves available, except for low power physics testing.
 2. Both motor-driven auxiliary feed pumps and the associated turbine-driven feedwater pump operable.

3. A minimum of 10,000 gallons of water per operating unit in the condensate storage tanks and an unlimited water supply from the lake via either leg of the plant Service Water System.
4. System piping and valves required to function during accident conditions directly associated with the above components operable.

B. The iodine-131 activity on the secondary side of the steam generator shall not exceed 1.2 $\mu\text{Ci/cc}$.

C. During power operation the requirements of 15.3.4.A.2 may be modified to allow the following components to be inoperable for a specified time. If the system is not restored to meet the requirements of 15.3.4.A.2 within the time period specified, the affected reactor(s) shall be placed in hot shutdown within 12 hours. If the requirements of 15.3.4.A.2 are not satisfied within an additional 48 hours, the appropriate reactor(s) shall be cooled down to less than 350°F.

One of the required operable Auxiliary Feedwater Pumps may be out-of-service as specified.

1. A turbine-driven Auxiliary Feed Pump may be out-of-service for up to 72 hours.
2. A motor-driven Auxiliary Feedwater Pump may be out-of-service for up to 7 days.