

INSTRUMENTATION3/4.3.8 TURBINE OVERSPEED PROTECTION SYSTEMLIMITING CONDITION FOR OPERATION

3.3.8 At least one turbine overspeed protection system shall be OPERABLE.

APPLICABILITY: OPERATIONAL CONDITIONS 1 and 2.

ACTION:

- a. With one turbine control valve or one turbine stop valve per high pressure turbine steam lead inoperable and/or with one turbine intercept valve or one turbine intermediate stop valve per low pressure turbine steam lead inoperable, restore the inoperable valve(s) to OPERABLE status within 72 hours or close at least one valve in the affected steam lead or isolate the turbine from the steam supply within the next 6 hours.
- b. With the above required turbine overspeed protection system otherwise inoperable, within 6 hours isolate the turbine from the steam supply.
- c. The provisions of Specification 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.8.1 The provisions of Specification 4.0.4 are not applicable.

4.3.8.2 The above required turbine overspeed protection system shall be demonstrated OPERABLE:

- a. At least once per 7 days by cycling each of the following valves through at least one complete cycle from the running position:

- 1) Four high pressure turbine stop valves,
- 2) Four low pressure turbine intermediate stop valves,
- ~~3) Four high pressure turbine control valves, and~~
- 3) Four low pressure turbine intercept valves.

- c. At least once per 18 months by performance of a CHANNEL CALIBRATION of the turbine overspeed protection system.
- d. At least once per 40 months by disassembling at least one of each of the above valves and performing a visual and surface inspection of all valve seats, disks and stems and verifying no unacceptable flaws or excessive corrosion. If unacceptable flaws or excessive corrosion are found, all other valves of that type shall be inspected.
- b. At least once per 31 days by cycling the four high pressure turbine control valves through at least one complete cycle from the running position.