

INSTRUMENTATION

4.3.4 TURBINE OVERSPEED PROTECTION

LIMITING CONDITION FOR OPERATION

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

APPLICABILITY: MODES 1, 2* and 3*.

ACTION:

- a. With one stop valve or one governor valve per high pressure turbine steam line inoperable and/or with one reheat stop valve or one reheat intercept valve per low pressure turbine steam line inoperable, restore the inoperable valve(s) to OPERABLE status within 72 hours, or close at least one valve in the affected steam line(s) 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

4.3.4.1 The provisions of Specification 4.0.4 are not applicable.

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

- #a. At least once per 7 days when the DEH valve test feature is OPERABLE 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 high pressure turbine governor valves.
 3. Four low pressure turbine reheat stop valves.
 4. Four low pressure turbine reheat intercept valves.
- #b. If the DEH valve test feature is inoperable, restore the test feature to OPERABLE status as soon as possible and verify that the governor valves are capable of valve motion at least once per 7 days.

*Specification not applicable with all main steam isolation valves and associated bypass valves in the closed position and all other steam flow paths to the turbine isolated.

#The provisions of Surveillance Requirements 4.3.4.2.a, 4.3.4.2.b and 4.3.4.2.c are not applicable during the remainder of the second fuel cycle, except that one test shall be run during August 1983.

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SURVEILLANCE REQUIREMENTS (Continued)

- # c. At least once per 31 days by direct observation of the movement of each of the above valves through one complete cycle from the running position.
- d. At least once per 18 months by performance of a CHANNEL CALIBRATION on the turbine overspeed protection systems.
- e. 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 valve seats, disks and stems and verifying no unacceptable flaws or corrosion.

#The provisions of Surveillance Requirements 4.3.4.2.a, 4.3.4.2.b and 4.3.4.2.c are not applicable during the remainder of the second fuel cycle, except that one test shall be run during August 1983.