

Attachment A

NPF-38-123

9204300376 920424
PDR ADOCK 05000382
P PDR

PLANT SYSTEMS

MAIN STEAM LINE ISOLATION VALVES

LIMITING CONDITION FOR OPERATION

3.7.1.5 Each main steam line isolation valve shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

MODE 1

With one main steam line isolation valve inoperable but open, POWER OPERATION may continue provided the inoperable valve is restored to OPERABLE status within 4 hours; otherwise, be in at least HOT STANDBY within the next 6 hours.

MODES 2, 3, and 4

With one main steam line isolation valve inoperable, subsequent operation in MODE 2, 3, or 4 may proceed provided:

- a. The isolation valve is maintained closed.
- b. The provisions of Specification 3.0.4 are not applicable.

Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.7.1.5 Each main steam line isolation valve shall be demonstrated OPERABLE by verifying full closure within 3.0 seconds when tested pursuant to Specification 4.0.5.

TABLE 3.3-5 (Continued)

ENGINEERED SAFETY FEATURES RESPONSE TIMES

INITIATING SIGNAL AND FUNCTION	RESPONSE TIME IN SECONDS
2. <u>Pressurizer Pressure-Low</u>	
a. Safety Injection (ECCS) (1) High Pressure Safety Injection (2) Low Pressure Safety Injection	$\leq 30.0^*/18.5^{**}$ $\leq 45.5^*/34.0^{**}$
b. Containment Isolation	$\leq 23.5^*/12.0^{**}$
c. Containment Cooling	$\leq 31.0^*/19.5^{**}$
3. <u>Containment Pressure-High</u>	
a. Safety Injection (ECCS) (1) High Pressure Safety Injection (2) Low Pressure Safety Injection	$\leq 30.0^*/18.5^{**}$ $\leq 45.5^*/34.0^{**}$
b. Containment Isolation	$\leq 23.5^*/12.0^{**}$
c. Main Steam Isolation	$\leq 4.0^*/4.0^{**}$
d. Main Feedwater Isolation	$\leq 6.0^*/6.0^{**}$
e. Containment Cooling	$\leq 31.0^*/19.5^{**}$
4. <u>Containment Pressure--High-High</u>	
a. Containment Spray Pump	$\leq 15.2^*/2.7^{**}$
b. Containment Spray Valves	$\leq 11.0^*/11.0^{**}$
c. CCW to RCP Valves	$\leq 23.5^*/12.0^{**}$
5. <u>Containment Area Radiation-High#</u>	
Containment Purge Valves Isolation	$\leq 6.2^*/6.2^{**}$
6. <u>Steam Generator Pressure-Low</u>	
a. Main Steam Isolation	$\leq 4.0^*/4.0^{**}$
b. Main Feedwater Isolation	$\leq 6.0^*/6.0^{**}$
7. <u>Refueling Water Storage Pool-Low</u>	
Containment Sump Recirculation	$\leq 120.0^*/108.5^{**}$
8. <u>4.16 kV Emergency Bus Undervoltage (Loss of Voltage)</u>	
Loss of Power (0 volts)	$\leq 2^{***}$
9. <u>480V Emergency Bus Undervoltage (Loss of Voltage)</u>	
Loss of Power (0 volts)	N.A.
10. <u>4.16 kV Emergency Bus Undervoltage (Degraded Voltage)</u>	
Loss of Power	$\leq 11^{***}$

Attachment B

NPF-38-123

PLANT SYSTEMS

MAIN STEAM LINE ISOLATION VALVES

LIMITING CONDITION FOR OPERATION

3.7.1.5 Each main steam line isolation valve shall be OPERABLE.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTION:

MODE 1

With one main steam line isolation valve inoperable but open, POWER OPERATION may continue provided the inoperable valve is restored to OPERABLE status within 4 hours; otherwise, be in at least HOT STANDBY within the next 6 hours.

MODES 2, 3, and 4

With one main steam line isolation valve inoperable, subsequent operation in MODE 2, 3, or 4 may proceed provided:

- a. The isolation valve is maintained closed.
- b. The provisions of Specification 3.0.4 are not applicable.

Otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

SURVEILLANCE REQUIREMENTS

4.7.1.5 Each main steam line isolation valve shall be demonstrated OPERABLE by verifying full closure within (3.0) seconds when tested pursuant to Specification 4.0.5.

→ REPLACE WITH 4.0

TABLE 3.3-5 (Continued)

ENGINEERED SAFETY FEATURES RESPONSE TIMES

INITIATING SIGNAL AND FUNCTION

RESPONSE TIME IN SECONDS

2. Pressurizer Pressure-Low

- a. Safety Injection (ECCS)
 - (1) High Pressure Safety Injection $\leq 30.0^*/18.5^{**}$
 - (2) Low Pressure Safety Injection $\leq 45.5^*/34.0^{**}$
- b. Containment Isolation $\leq 23.5^*/12.0^{**}$
- c. Containment Cooling $\leq 31.0^*/19.5^{**}$

3. Containment Pressure-High

- a. Safety Injection (ECCS)
 - (1) High Pressure Safety Injection $\leq 30.0^*/18.5^{**}$
 - (2) Low Pressure Safety Injection $\leq 45.5^*/34.0^{**}$
 - b. Containment Isolation $\leq 23.5^*/12.0^{**}$
 - c. Main Steam Isolation $\leq 4.0^*/4.0^{**}$
 - d. Main Feedwater Isolation $\leq 6.0^*/6.0^{**}$
 - e. Containment Cooling $\leq 31.0^*/19.5^{**}$
- REPLACE 4.0 WITH 5.0

4. Containment Pressure--High-High

- a. Containment Spray Pump $\leq 15.2^*/2.7^{**}$
- b. Containment Spray Valves $\leq 11.0^*/11.0^{**}$
- c. CCW to RCP Valves $\leq 23.5^*/12.0^{**}$

5. Containment Area Radiation-High#

Containment Purge Valves Isolation $\leq 6.2^*/6.2^{**}$

Steam Generator Pressure-Low

- a. Main Steam Isolation $\leq 4.0^*/4.0^{**}$
 - b. Main Feedwater Isolation $\leq 6.0^*/6.0^{**}$
- REPLACE 4.0 WITH 5.0

7. Refueling Water Storage Pool-Low

Containment Sump Recirculation $\leq 120.0^*/108.5^{**}$

8. 4.16 kV Emergency Bus Undervoltage (Loss of Voltage)

Loss of Power (0 volts) $\leq 2^{***}$

9. 480V Emergency Bus Undervoltage (Loss of Voltage)

Loss of Power (0 volts) N.A.

10. 4.16 kV Emergency Bus Undervoltage (Degraded Voltage)

Loss of Power $\leq 11^{***}$