

### 3.7 PLANT SYSTEMS

#### 3.7.3 Main Feedwater Isolation Valves (MFIVs), Main Feedwater Regulating Valves (MFRVs), and Associated Bypass Valves.

LCO 3.7.3 Two MFIVs, two MFRVs, and associated bypass valves shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3 except when both steam generators are isolated from both main feedwater pumps.

#### ACTIONS

- NOTE -

Separate Condition entry is allowed for each valve.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more MFIV(s) inoperable.	A.1 Close or isolate MFIV(s).	72 hours
	<u>AND</u>	
	A.2 Verify MFIV(s) is closed or isolated.	Once per 7 days
B. One or more MFRV(s) inoperable.	B.1 Close or isolate MFRV(s).	72 hours
	<u>AND</u>	
	B.2 Verify MFRV(s) is closed or isolated.	Once per 7 days
C. One or more MFRV bypass valve(s) inoperable.	C.1 Close or isolate MFRV bypass valve(s).	72 hours
	<u>AND</u>	
	C.2 Verify MFRV bypass valve(s) is closed or isolated.	Once per 7 days
D. Two valves in same flowpath inoperable.	D.1 Isolate affected flowpath	8 hours

CONDITION	REQUIRED ACTION	COMPLETION TIME
E. Required Action and associated Completion Time not met.	E.1 Be in MODE 3.	6 hours
	<u>AND</u>	
	E.2 Be in MODE 4.	12 hours

#### SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.7.3.1	Verify the closure time of each MFIV is $\leq 30$ seconds on an actual or simulated actuation signal.	In accordance with the Inservice Testing Program
SR 3.7.3.2	Verify the closure time of each MFRV and associated bypass valve is $\leq 10$ seconds on an actual or simulated actuation signal.	In accordance with the Inservice Testing Program