

ATTACHMENT A

SUPPLEMENT TO

PROPOSED CHANGE TO APPENDIX A

TECHNICAL SPECIFICATION TO OPERATING LICENSES

NPF-11 AND NPF-18

REVISED PAGES:

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LA SALLE - UNIT 1

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TABLE 3.3.3-1 (Continued)

EMERGENCY CORE COOLING SYSTEM ACTUATION INSTRUMENTATION

TRIP FUNCTION	MINIMUM OPERABLE CHANNELS PER TRIP FUNCTION ^(a)	APPLICABLE OPERATIONAL CONDITIONS	ACTION
C. DIVISION 3 TRIP SYSTEM			
1. HPCS SYSTEM			
a. Reactor Vessel Water Level - Low, Low, Level 2	4 ^(b)	1, 2, 3, 4*, 5*	35
b. Drywell Pressure - High	4 ^(b)	1, 2, 3	35
c. Reactor Vessel Water Level-High, Level 8	2 ^(c)	1, 2, 3, 4*, 5*	32
d. Condensate Storage Tank Level-Low	2 ^(d)	1, 2, 3, 4*, 5*	36
e. Suppression Pool Water Level-High	2 ^(d)	1, 2, 3, 4*, 5*	36
f. Pump Discharge Pressure-High (Bypass)	1	1, 2, 3, 4*, 5*	31
g. HPCS System Flow Rate-Low (Permissive)	1	1, 2, 3, 4*, 5*	31
h. Manual Initiation	1/division	1, 2, 3, 4*, 5*	34

D. LOSS OF POWER

1. 4.16 kv Emergency Bus Undervoltage (Loss of Voltage)

TOTAL NO. OF CHANNELS	CHANNELS TO TRIP	MINIMUM OPERABLE CHANNELS ^(a)	APPLICABLE OPERATIONAL CONDITIONS	ACTION
2	2 #/bus	2 #/bus	1, 2, 3, 4**, 5**	37

instruments

1 channel/instrument

(a) A channel may be placed in an inoperable status for up to 2 hours during periods of required surveillance without placing the trip system in the tripped condition provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.

(b) Also actuates the associated division diesel generator.

(c) Provides signal to close HPCS pump discharge valve only on 2-out-of-2 logic.

(d) Provides signal to HPCS pump suction valves only.

* Applicable when the system is required to be OPERABLE per Specification 3.5.2 or 3.5.3.

** Required when ESF equipment is required to be OPERABLE.

Not required to be OPERABLE when reactor steam dome pressure is ≤ 122 psig.

2. 4.16 KV Emergency Bus Undervoltage (degraded voltage)

2/bus	2/bus	2/bus	1, 2, 3, 4**, 5**	39
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TABLE 3.3.3-1 (Continued)

EMERGENCY CORE COOLING SYSTEM ACTUATION INSTRUMENTATION

ACTION

ACTION 38

With the number of OPERABLE channels less than required by the Minimum OPERABLE Channels per trip; function requirements:

- a. With one channel inoperable, remove the inoperable channel within one hour; restore the inoperable channel to OPERABLE status within 7 days or declare the associated ECCS systems inoperable.
- b. With both channels inoperable, restore at least one channel to OPERABLE status within one hour or declare the associated ECCS systems inoperable.

action 39

see attached

new action statements

ACTION 37

With the number of OPERABLE instruments less than the Minimum Operable Instruments, place the inoperable instrument(s) in the tripped condition within 1 hour* or declare the associated emergency diesel generator inoperable and take the ACTION required by Specification 3.8.1.1. or 3.8.1.2 as appropriate.

ACTION 39

With the number of OPERABLE instruments one less than the Minimum Operable instrument, place the inoperable instrument in the tripped condition within one hour*. With both the instruments inoperable, verify that the remaining divisions' degraded voltage instruments are operable and restore at least one instrument to operable status within 7 days, or declare the associated emergency diesel generator inoperable and take the action required by Specification 3.8.1.1 or 3.8.1.2 as appropriate.

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TABLE 3.3.3-1 (Continued)

EMERGENCY CORE COOLING SYSTEM ACTUATION INSTRUMENTATION

TRIP FUNCTION	MINIMUM OPERABLE CHANNELS PER TRIP FUNCTION ^(a)	APPLICABLE OPERATIONAL CONDITIONS	ACTION
C. DIVISION 3 TRIP SYSTEM			
1. HPCS SYSTEM			
a. Reactor Vessel Water Level - Low, Low, Level 2	4 ^(b)	1, 2, 3, 4*, 5*	35
b. Drywell Pressure - High	4 ^(b)	1, 2, 3	35
c. Reactor Vessel Water Level-High, Level 8	2 ^(c)	1, 2, 3, 4*, 5*	32
d. Condensate Storage Tank Level-Low	2 ^(d)	1, 2, 3, 4*, 5*	36
e. Suppression Pool Water Level-High	2 ^(d)	1, 2, 3, 4*, 5*	36
f. Pump Discharge Pressure-High (Bypass)	1	1, 2, 3, 4*, 5*	31
g. HPCS System Flow Rate-Low (Permissive)	1	1, 2, 3, 4*, 5*	31
h. Manual Initiation	1/division	1, 2, 3, 4*, 5*	34

TRIP FUNCTION	TOTAL NO. OF CHANNELS	CHANNELS TO TRIP	MINIMUM OPERABLE CHANNELS ^(a)	APPLICABLE OPERATIONAL CONDITIONS	ACTION
D. LOSS OF POWER					
1. 4.16 kV Emergency Bus Undervoltage (Loss of Voltage)	2 χ /bus	2 χ /bus	2 χ /bus	1, 2, 3, 4**, 5**	37
2. 4.16 kV Emergency Bus Undervoltage (Degraded Voltage) (Division 3)	2 χ /bus	2 χ /bus	2 χ /bus	1, 2, 3, 4**, 5**	39

instruments

TABLE NOTE ON

1 channel/instrument

- (a) A channel may be placed in an inoperable status for up to 2 hours during periods of required surveillance without placing the trip system in the tripped condition provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.
- (b) Also actuates the associated division diesel generator.
- (c) Provides signal to close HPCS pump discharge valve only on 2-out-of-2 logic.
- (d) Provides signal to HPCS pump suction valves only.
- * Applicable when the system is required to be OPERABLE per Specification 3.5.2 or 3.5.3.
- ** Required when ESF equipment is required to be OPERABLE.
- # Not required to be OPERABLE when reactor steam dome pressure is \leq 122 psig.

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New action statements

ACTION 37

With the number of OPERABLE instruments less than the Minimum Operable Instruments, place the inoperable instrument(s) in the tripped condition within 1 hour* or declare the associated emergency diesel generator inoperable and take the ACTION required by Specification 3.8.1.1. or 3.8.1.2 as appropriate.

ACTION 39

With the number of OPERABLE instruments one less than the Minimum Operable instrument, place the inoperable instrument in the tripped condition within one hour*. With both the instruments inoperable, verify that the remaining divisions' degraded voltage instruments are operable and restore at least one instrument to operable status within 7 days, or declare the associated emergency diesel generator inoperable and take the action required by Specification 3.8.1.1 or 3.8.1.2 as appropriate.

TABLE 3.3.3-1 (Continued)

EMERGENCY CORE COOLING SYSTEM ACTUATION INSTRUMENTATION

ACTION

- ACTION 38 With the number of OPERABLE channels less than required by the Minimum OPERABLE Channels per trip function requirements:
- a. With one channel inoperable, remove the inoperable channel within one hour; restore the inoperable channel to OPERABLE status within 7 days or declare the associated ECCS systems inoperable.
 - b. With both channels inoperable, restore at least one channel to OPERABLE status within one hour or declare the associated ECCS system inoperable.

Action 39

see attached

