

ATTACHMENT B

PROPOSED CHANGE TO APPENDIX A
TECHNCIAL SPECIFICATION TO OPERATING LICENSES
NPF-11 AND NPF-18

Revised Pages:

<u>NPF-11</u>	<u>NPF-18</u>
3/4 3-75	3/4 3-75
3/4 3-77	3/4 3-77 (info only)
3/4 3-78 (info only)	3/4 3-78 (info only)
3/4 3-79 (info only)	
3/4 3-80 (revised)	

8603310101 860320
PDR ADOCK 05000373
P PDR

INSTRUMENTATION

Same as initial
submittal

FIRE DETECTION INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.7.9 As a minimum, the fire detection instrumentation for each fire detection zone of Unit 1 and Unit 2 shown in Table 3.3.7.9-1 shall be OPERABLE.*

APPLICABILITY: Whenever equipment protected by the fire detection instrument is required to be OPERABLE.

ACTION:

With the number of OPERABLE fire detection instruments less than the Minimum Instruments OPERABLE requirement of Table 3.3.7.9-1:

- a. Within 1 hour, establish a fire watch patrol to inspect the zone(s) with the inoperable instrument(s) at least once per hour, unless the instrument(s) is located inside the primary containment, then inspect the primary containment at least once per 8 hours or monitor the containment air temperature at least once per hour at the locations listed in Specification 4.6.1.7.
- b. Restore the minimum number of instruments to OPERABLE status within 14 days or, prepare and submit a Special Report to the Commission pursuant to Specification 6.6.C within 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the instrument(s) to OPERABLE status.
- c. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.7.9.1 Each of the above required fire detection instruments which are accessible during unit operation shall be demonstrated OPERABLE at least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST. Fire detectors which are not accessible during unit operation shall be demonstrated OPERABLE by the performance of a CHANNEL FUNCTIONAL TEST during each COLD SHUTDOWN exceeding 24 hours unless performed in the previous 6 months.

4.3.7.9.2 The NFPA Standard 72D supervised circuits supervision associated with the detector alarms of each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per 6 months. Supervised circuits with detectors which are inaccessible during unit operation shall be demonstrated OPERABLE during each COLD SHUTDOWN exceeding 24 hours unless performed in the previous 6 months.

*The normal or emergency power source may be inoperable in OPERATIONAL CONDITION 4 or 5 or when defueled.

Same as original
submittal

TABLE 3.3.7.9-1 (Continued)
FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 1 Fire Detection Instrumentation (Continued)</u>			
14. Reactor Bldg./Containment			
a. Refuel Floor, Zone 1-26 El. 843'6", Fire Hazard Zone Area 1	6		
b. Reactor Bldg. East, Zone 1-24 El. 820'6", Fire Hazard Zone 2B1			11
c. Reactor Bldg. West, Zone 1-23 El. 820'6", Fire Hazard Zone 2B2			9
d. Reactor Bldg. South, Zone 1-36 El. 786'6", Fire Hazard Zone 2D			18
e. Reactor Bldg. North, Zone 1-37 El. 786'6", Fire Hazard Zone 2D			17
f. Reactor Bldg. South, Zone 1-34 El. 761', Fire Hazard Zone 2E			22
g. Reactor Bldg. North, Zone 1-35 El. 761', Fire Hazard Zone 2E			18
h. Containment, Zone 1-16P El. 761' and 777', Fire Hazard Zone 2J			7
i. Containment, Zone 1-16 El. 74J' and 749', Fire Hazard Zone 2J			9
j. Reactor Bldg., Zone 1-17 El. 740', Fire Hazard Zone 2F			5
k. Reactor Bldg. North, Zone 1-17P El. 740', Fire Hazard Zone 2F			11
l. Reactor Bldg. SW, Zone 1-22 El. 710'6", Fire Hazard Zone 2G			4
m. Reactor Bldg. NW, Zone 1-22P El. 710'6", Fire Hazard Zone 2G			6
n. Reactor Bldg. South, Zone 1-32 El. 694', Fire Hazard Zones 2H1, 2H2, 2H3			17
o. Reactor Bldg. North, Zone 1-33 El. 694', Fire Hazard Zones 2H1, 2H4, 2H5			20
p. Reactor Bldg. South, Zone 1-30 El. 673', Fire Hazard Zones 2I1, 2I2, 2I3			19
q. Reactor Bldg. North, Zone 1-31 El. 673', Fire Hazard Zones 2I1, 2I4, 2I5			20
r. Lower Bldg. West, Zone 1-40 El. 307', Fire Hazard Zone 2C			7

Same as original
Submittal

TABLE 3.3.7.9-1 (Continued)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 1 Fire Detection Instrumentation (Continued)</u>			
15. Auxiliary Building/Turbine Bldg			
a. Aux. Bldg. Vent Floor, Zone 1-1 El. 815', Fire Hazard Zone 4A			2
b. Aux. Bldg. Vent Floor, Zone 1-2 El. 786'6", Fire Hazard Zone 4B			8
c. Control Room, Zone 1-5 El. 768', Fire Hazard Zone 4C1			15
d. Computer Room, Zone 1-6 El. 768', Fire Hazard Zone 4C4			8
e. Reactor Prot. M-G Set Room, Zone 1-12 El. 749', Fire Hazard Zone 4D3			12
f. Cable Spreading Area, Zone 1-18 El. 749', Fire Hazard Zone 5A4			15
g. Div. 2 SWGR Room, Zone 1-8 El. 731', Fire Hazard Zone 4E3			15
h. Aux. Electric Equipment Room, Zone 1-27 El. 731', Fire Hazard Zone 4E1			13
i. Aux. Bldg. Corridor, Zone 1-3 El. 731', Fire Hazard Zone 5B13			5
j. Aux. Bldg. Corridor, Zone 1-7 El. 731', Fire Hazard Zone 5B13			12
k. Div. 1 SWGR Room, Zone 1-9 El. 710'6", Fire Hazard Zone 4F1			17
l. Aux. Bldg. Corridor, Zone 1-4 El. 710'6", Fire Hazard Zone 5C11			9
m. Div. 3 SWGR Room, Zone 1-10 El. 687', Fire Hazard Zone 5D1			5
16. DG Bldg./DG Bldg. Corridor			
a. DG Bldg., Zone 1-29 El. 736'6", Fire Hazard Zones 7A1, 7A2, 7A3			17
b. DG Bldg. Corridor, Zone 1-25 El. 710'6", Fire Hazard Zone 5C11			3
c. DG Bldg., Zone 1-28 El. 674', Fire Hazard Zones 7C4, 7C5, 7C6			15

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Attached
page



INSERT FOR PAGE 3/4 3-78

- N. Aux. Bldg., Zone 1-39
El. 768' 0", Fire Hazard Zone 4C2 10
- O. Aux. Bldg., Zone 1-38
El. 663' 0", Fire Hazard Zone 6E 8

~~P. Aux Bldg. Zone~~

7/11/84

Same as original
submittal

NO CHANGES ON
THIS PAGE

TABLE 3.3.7.9-1 (Continued)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 1 Fire Detection Instrumentation (Continued)</u>			
17. Off Gas Building			
a. Off Gas Building, Zone 1-15P El. 710'6", Fire Hazard Zone 10A1			3
b. Off Gas Building, Zone 1-15 El. 690', Fire Hazard Zone 10B1			6
B. <u>Unit 2 Fire Detection Instrumentation</u>			
<u>Required For Unit 1</u>			
1. Cable Spreading Room (Dry Pipe Sprinkler System)			15
2. Diesel Generator Corridor (Dry Pipe Sprinkler System)			9
3. Diesel Generator (2D601K) Room (Co ₂ Flooding System)	2		
4. Auxiliary Building/Turbine Bldg.			
a. Aux. Bldg. Vent Floor, Zone 2-1 El. 815', Fire Hazard Zone 4A			5
b. Aux. Bldg. Vent Floor, Zone 2-2 El. 786'6", Fire Hazard Zone 4B			9
c. Control Room, Zone 2-5 El. 768', Fire Hazard Zone 4C1			17
d. Record Room, Zone 2-6 El. 768', Fire Hazard Zone 4C5			3
e. Reactor Prot. M-G Set Room, Zone 2-12 El. 749', Fire Hazard Zone 4D4			12
f. Cable Spreading Area, Zone 2-18 El. 749', Fire Hazard Zone 5A4			13
g. Div. 2 SWGR Room, Zone 2-8 El. 731', Fire Hazard Zone 4E4			15
h. Aux. Electric Equipment Room, Zone 2-27 El. 731', Fire Hazard Zone 4E2			12
i. Aux. Bldg. Corridor, Zone 2-3 El. 731', Fire Hazard Zone 5B13			5
j. Aux. Bldg. Corridor, Zone 2-7 El. 731', Fire Hazard Zone 5B13			12

NEW

TABLE 3.3.7.9-1 (Continued)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 2 Fire Detection Instrumentation Required For Unit 1 (Continued)</u>			
k. Div. SWGR Room, Zone 2-9 El. 710'6", Fire Hazard Zone 4F2			17
l. Aux. Bldg. Corridor, Zone 2-4 El. 710'6", Fire Hazard Zone 5C11			9
5. DG Bldg./DG Bldg. Corridor			
a. DG Bldg., Zone 2-29 El. 736'6", Fire Hazard Zones 8A1, 8A2			14
b. DG Bldg. Corridor, Zone 2-25 El. 710'6", Fire Hazard Zone 5C11			3
c. DG Bldg., Zone 2-28 El. 674', Fire Hazard Zones 8C3, 8C4, 8C5			11
6. Reactor Bldg.			
a. Refuel Floor, Zone 2-26 El. 843'6", Fire Hazard Zone Area 1		6	
b. Reactor Bldg. East, Zone 2-24 El. 820'6", Fire Hazard Zone 3B1			11
c. Reactor Bldg. West, Zone 2-40 El. 807', Fire Hazard Zone 3C			7
M. Aux. Bldg., Zone 2-39 El. 768'0", Fire Hazard Zone 4C3			10

*The fire detection instruments located within the primary containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.

Same as original submittal

INSTRUMENTATION

FIRE DETECTION INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.7.9 As a minimum, the fire detection instrumentation for each fire detection zone of Unit 1 and Unit 2 shown in Table 3.3.7.9-1 shall be OPERABLE.*

APPLICABILITY: Whenever equipment protected by the fire detection instrument is required to be OPERABLE.

ACTION:

With the number of OPERABLE fire detection instruments less than the Minimum Instruments OPERABLE requirement of Table 3.3.7.9-1:

- a. Within 1 hour, establish a fire watch patrol to inspect the zone(s) with the inoperable instrument(s) at least once per hour, unless the instrument(s) is located inside the primary containment, then inspect the primary containment at least once per 8 hours or monitor the containment air temperature at least once per hour at the locations listed in Specification 4.6.1.7.
- b. Restore the minimum number of instruments to OPERABLE status within 14 days or, prepare and submit a Special Report to the Commission pursuant to Specification 6.6.C within 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the instrument(s) to OPERABLE status.
- b. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.7.9.1 Each of the above required fire detection instruments which are accessible during unit operation shall be demonstrated OPERABLE at least once per 6 months by performance of a CHANNEL FUNCTIONAL TEST. Fire detectors which are not accessible during unit operation shall be demonstrated OPERABLE by the performance of a CHANNEL FUNCTIONAL TEST during each COLD SHUTDOWN exceeding 24 hours unless performed in the previous 6 months.

4.3.7.9.2 The NFPA Standard 72D supervised circuits supervision associated with the detector alarms of each of the above required fire detection instruments shall be demonstrated OPERABLE at least once per 6 months. Supervised circuits with detectors which are inaccessible during unit operation shall be demonstrated OPERABLE during each COLD SHUTDOWN exceeding 24 hours unless performed in the previous 6 months.

*The normal or emergency power source may be inoperable in OPERATIONAL CONDITION 4 or 5 or when defueled.

NO CHANGES

FOR INFORMATION ONLY

TABLE 3.3.7.9-1 (Continued)

FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 2 Fire Detection Instrumentation (Continued)</u>			
14. Reactor Bldg./Containment			
a. Refuel Floor, Zone 2-25 El. 843'6", Fire Hazard Zone Area 1		6	
b. Reactor Bldg. East, Zone 2-24 El. 820'6", Fire Hazard Zone 381			11
c. Reactor Bldg. West, Zone 2-23 El. 820'6", Fire Hazard Zone 382			9
d. Reactor Bldg. South, Zone 2-36 El. 786'6", Fire Hazard Zone 30			19
e. Reactor Bldg. North, Zone 2-37 El. 786'6", Fire Hazard Zone 30			17
f. Reactor Bldg. South, Zone 2-34 El. 761', Fire Hazard Zone 3E			23
g. Reactor Bldg. North, Zone 2-35 El. 761', Fire Hazard Zone 3E			18
h. Containment, Zone 2-16P El. 761' and 777', Fire Hazard Zone 3J			7
i. Containment, Zone 2-16 El. 740' and 749', Fire Hazard Zone 3J			9
j. Reactor Bldg., Zone 2-17 El. 740', Fire Hazard Zone 3F			5
k. Reactor Bldg. North, Zone 2-17P El. 740', Fire Hazard Zone 3F			11
l. Reactor Bldg. SW, Zone 2-22 El. 710'6", Fire Hazard Zone 3G			4
m. Reactor Bldg. NW, Zone 2-22P El. 710'6", Fire Hazard Zone 3G			6
n. Reactor Bldg. South, Zone 2-32 El. 694', Fire Hazard Zones 3H1, 3H2, 3H3			17
o. Reactor Bldg. North, Zone 2-33 El. 694', Fire Hazard Zones 3H1, 3H4, 3H5			20
p. Reactor Bldg. South, Zone 2-30 El. 673', Fire Hazard Zones 3I1, 3I2, 3I3			19
q. Reactor Bldg. North, Zone 2-31 El. 673', Fire Hazard Zones 3I1, 3I4, 3I5			20
r. Reactor Bldg. West, Zone 2-40 El. 807', Fire Hazard Zone 3C			7

NO CHANGES

FOR INFORMATION
ONLY

TABLE 3.3.7.9-1 (Continued)
FIRE DETECTION INSTRUMENTATION

<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE*</u>		
	<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Unit 2 Fire Detection Instrumentation (Continued)</u>			
15. Auxiliary Building/Turbine Bldg			
a. Aux. Bldg. Vent Floor, Zone 2-1 El. 815', Fire Hazard Zone 4A			5
b. Aux. Bldg. Vent Floor, Zone 2-2 El. 786'6", Fire Hazard Zone 4B			9
c. Control Room, Zone 2-5 El. 768', Fire Hazard Zone 4C1			17
d. Record Room, Zone 2-6 El. 768', Fire Hazard Zone 4C5			3
e. Reactor Prot. M-G Set Room, Zone 2-12 El. 749', Fire Hazard Zone 4D4			12
f. Cable Spreading Area, Zone 2-13 El. 749', Fire Hazard Zone 5A4			13
g. Div. 2 SWGR Room, Zone 2-8 El. 731', Fire Hazard Zone 4E4			15
h. Aux. Electric Equipment Room, Zone 2-27 El. 731', Fire Hazard Zone 4E2			12
i. Aux. Bldg. Corridor, Zone 2-3 El. 731', Fire Hazard Zone 5B13			5
j. Aux. Bldg. Corridor, Zone 2-7 El. 731', Fire Hazard Zone 5B13			12
k. Div. 1 SWGR Room, Zone 2-9 El. 710'6", Fire Hazard Zone 4F2			17
l. Aux. Bldg. Corridor, Zone 2-4 El. 710'6", Fire Hazard Zone 5C11			9
m. Div. 3 SWGR Room, Zone 2-10 El. 687', Fire Hazard Zone 5D2			5
n. Aux. Bldg., Zone 2-39 El. 768'0", Fire Hazard Zone 4C3			10
o. Aux. Bldg., Zone 2-38 El. 663'0", Fire Hazard Zone 6E			8
16. DG Bldg./DG Bldg. Corridor			
a. DG Bldg., Zone 2-29 El. 736'6", Fire Hazard Zones 8A1, 8A2			14

ATTACHMENT C

SIGNIFICANT HAZARDS CONSIDERATION

Commonwealth Edison has evaluated the proposed Technical Specification Amendment and determined that it does not represent a significant hazards consideration. Based on the criteria for defining a significant hazards consideration established in 10 CFR 50.92, operation of LaSalle County Station Units 1 and 2 in accordance with the proposed amendment will not:

- 1) Involve a significant increase in the probability or consequences of an accident previously evaluated because the addition of fire detection in the areas specified enhances the likelihood of a fire being detected early.
- 2) Create the possibility of a new or different kind of accident from any accident previously evaluated because fire detection and protection has been previously evaluated in the FSAR and associated documents. The addition of these detectors is a result of those evaluations.
- 3) Involve a significant reduction in the margin of safety because the additional detectors increase the margin of safety in that the ability to detect and locate a fire is enhanced. The change in reporting requirements does not affect the ability of the fire protection program to detect a fire in a timely manner and take appropriate action. This change is an administrative change to make LaSalle Tech Specs correspond to the GE BWR Standard Tech Specs.

Based on the preceding discussion, it is concluded that the proposed system change clearly falls within all acceptable criteria with respect to the system or component, the consequences of previously evaluated accidents will not be increased and the margin of safety will not be decreased. Therefore, based on the guidance provided in the Federal Register and the criteria established in 10 CFR 50.92(c), the proposed change does not constitute a significant hazards consideration.