

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 87 FACILITY OPERATING LICENSE NO. DPR-23

DOCKET NO. 50-261

Revise Appendix A as follows:

<u>Remove Pages</u>	<u>Insert Pages</u>
2.1-1 thru 2.1-8	2.1-1 thru 2.1-4
2.3-1 thru 2.3-6	2.3-1 thru 2.3-6
3.1-1 thru 3.1-3a	3.1-1 thru 3.1-3b
3.1-11 thru 3.1-12	3.1-11 thru 3.1-12
3.5-10 and 3.5-11	3.5-10 and 3.5-11
3.5-15	3.5-15
3.6-1 thru 3.6-2	3.6-1 thru 3.6-2
3.6-2a	3.6-3
3.8-6	3.8-6
3.10-2 thru 3.10-7	3.10-2 thru 3.10-7b
3.10-12	3.10-12
3.10-14 thru 3.10-20	3.10-14 thru 3.10-20
3.10-22	3.10-22 thru 3.10-24
3.11-1 thru 3.11-2	3.11-1 thru 3.11-2
4.11-1 thru 4.11-3	4.11-1 thru 4.11-3
5.3-1 thru 5.3-2	5.3-1 thru 5.3-2

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TABLE 3.5-1

ENGINEERED SAFETY FEATURE SYSTEM INITIATION INSTRUMENT SETTING LIMITS

<u>NO.</u>	<u>FUNCTIONAL UNIT</u>	<u>CHANNEL ACTION</u>	<u>SETTING LIMIT</u>
1.	High Containment Pressure (HI Level)	Safety Injection*	≤ 5 psig
2.	High Containment Pressure (HI-HI Level)	a. Containment Spray** b. Steam Line Isolation	≤ 25 psig
3.	Pressurizer Low Pressure	Safety Injection*	≥ 1700 psig
4.	High Differential Pressure Between any Steam Line and the Steam Line Header	Safety Injection*	≤ 150 psi
5.	High Steam Flow in 2/3 Steam Lines***	a. Safety Injection* b. Steam Line Isolation	$\leq 40\%$ (at zero load) of full steam flow $\leq 40\%$ (at 20% load) of full steam flow $\leq 110\%$ (at full load) of full steam flow
	Coincident with Low T_{avg} or Low Steam Line Pressure		$> 541^\circ\text{F } T_{avg}$ ≥ 600 psig steam line pressure
6.	Loss of Power		
	a. 480V Emerg. Bus Undervoltage (Loss of Voltage) Time Delay	Trip Normal Supply Breaker	328 Volts ± 1 Volt .75 \pm .25 sec.

TABLE 3.5-1 (Continued)

ENGINEERED SAFETY FEATURE SYSTEM INITIATION INSTRUMENT SETTING LIMITS

<u>NO.</u>	<u>FUNCTIONAL UNIT</u>	<u>CHANNEL ACTION</u>	<u>SETTING LIMIT</u>
6. b. 480V Emerg. Bus Undervoltage (Cont'd) (Degraded Voltage) Time Delay		Trip Normal Supply Breaker	412 Volts + 1 Volt 10.0 Second Delay + 0.5 sec.
7.	Containment Radioactivity High	Ventilation Isolation	< 2 X Reading at the Time the Alarm is Set with Known Plant Conditions

* Initiates also containment isolation (Phase A), feedwater line isolation and starting of all containment fans.

** Initiates also containment isolation (Phase B).

*** Derived from equivalent ΔP measurements.

TABLE 3.5-3 (Continued)

INSTRUMENTATION OPERATING CONDITIONS FOR ENGINEERED SAFETY FEATURES

NO.	FUNCTIONAL UNIT	1 MINIMUM CHANNELS OPERABLE	2 MINIMUM DEGREE OF REDUNDANCY	3 OPERATOR ACTION IF CONDITIONS OF COLUMN 1 OR 2 CANNOT BE MET
2.	CONTAINMENT SPRAY			
	a. Manual*	2	0**	Cold Shutdown
	b. High Containment Pressure* (Hi-Hi Level)	2/set	1/set	Cold Shutdown
3.	LOSS OF POWER			
	a. 480V Emerg. Bus Undervoltage (Loss of Voltage)	2/bus ^(a)	1/bus ^(b)	Main Hot Shutdown
	b. 480V Emerg. Bus Undervoltage (Degraded Voltage)	2/bus	1/bus	Maintain Hot Shutdown ^(c)

* Also initiates a Phase B containment isolation.

** Must actuate two switches simultaneously.

*** When primary pressure is less than 2000 psig, channels may be blocked.

**** When primary temperature is less than 547°F, channels may be blocked.

***** In this case the 2/3 high steam flow is already in the trip mode.

(a) During testing and maintenance of one channel, may be reduced to 1/bus.

(b) During testing and maintenance of one channel, may be reduced to 0/bus.

(c) The reactor may remain critical below the power operating conditions with this feature inhibited for the purpose of starting reactor coolant pumps.