

ENCLOSURE 4

NRC DOCKET 50-321
OPERATING LICENSE DPR-57
EDWIN I. HATCH NUCLEAR PLANT UNIT 1
REQUEST TO REVISE TECHNICAL SPECIFICATIONS
ADS LOGIC MODIFICATION

The proposed change to the Hatch Unit 1 Technical Specifications (Appendix A to Operating License DPR-57) would be incorporated as follows:

Remove Page

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Table 3.2-4

INSTRUMENTATION WHICH INITIATES OR CONTROLS ADS

Ref. Instrument No. (a)	Trip Condition Nomenclature	Required Operable Channels per Trip System (b)	Trip Setting	Remarks
1.	Reactor Vessel Water Level	1	≥ 8.5 inches	Confirms low level, ADS permissive
	Reactor Vessel Water Level	2	≥ -121.5 inches	Permissive signal to ADS timer
	(Level 1)			
2.	Drywell Pressure	2	≤ 2 psig	Permissive signal to ADS timer
3.	RHR Pump Discharge Pressure	2	≥ 100 psig	Permissive signal to ADS timer
4.	CS Pump Discharge Pressure	2	≥ 100 psig	Permissive signal to ADS timer
5.	Auto Depressurization Low Water Level Timer	2	≤ 13 Minutes	Bypasses high drywell pressure permissive upon sustained Level 1.
6.	Auto Depressurization Timer	1	120 ± 12 seconds	With Level 3 and Level 1 and high drywell pressure and CS or RHR pump at pressure, timing sequence begins. If the ADS timer is not reset it will initiate ADS.
7.	Automatic Blowdown Control Power Failure Monitor	1	Not applicable	Monitors availability of power to logic system

a. The column entitled "Ref. No." is only for convenience so that a one-to-one relationship can be established between items in Table 3.2-4 and items in Table 4.2-4.

b. Whenever any CCS subsystem is required to be operable by Section 3.5, there shall be two operable trip systems. If the required number of operable channels cannot be met for one of the trip systems, that system shall be repaired or the reactor shall be placed in the Cold Shutdown Condition within 24 hours after this trip system is made or found to be inoperable.

Table 4.2-4

Check, Functional Test, and Calibration Minimum Frequency for Instrumentation
Which Initiates or Controls ADS

Ref. No. (a)	Instrument	Instrument Check Minimum Frequency	Instrument Functional Test Minimum Frequency (b)	Instrument Calibration Minimum Frequency (c)
1	Reactor Vessel Water Level (Level 3)	Once/shift	Once/month	Once/operating cycle
	Reactor Vessel Water Level (Level 1)	Once/shift	Once/month	Once/operating cycle
2	Drywell Pressure	None	(d)	Every 3 months
3	RHR Pump Discharge Pressure	None	(d)	Every 3 months
4	CS Pump Discharge Pressure	None	(d)	Every 3 months
5	Auto Depressurization Low Water Level Timer	None	N/A	Once/Operating Cycle
6	Auto Depressurization Timer	None	N/A	Once/operating cycle
7	Automatic Blowdown Control Power Failure Monitor	None	Once/operating cycle	None

Notes for Table 4.2-4

- a. The column entitled "Ref. No." is only for convenience so that a one-to-one relationship can be established between items in Table 4.2-4 and items in Table 3.2-4