

ENCLOSURE 4

NRC DOCKET 50-321  
OPERATING LICENSE DPR-57  
EDWIN I. HATCH NUCLEAR PLANT UNIT 1  
REQUEST TO REVISE TECHNICAL SPECIFICATIONS  
PURGE/VENT ISOLATION

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

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Table 3.2-1 (Cont.)

Ref. No. (a)	Instrument	Trip Condition Nomenclature	Required Operable Channels per Trip System (b)	Trip Setting	Action to be taken if number of channels is not met for both trip systems (c)	Remarks (d)
5	Main Steam Line Pressure	Low	2	$\geq 825$ psig	Initiate an orderly load reduction and close MSIVs within 8 hours.	Initiates Group 1 isolation. Only required in RUN mode, therefore activated when Mode Switch is in RUN position.
6	Main Steam Line Flow	High	2	$\leq 140\%$ rated flow ( $\leq 120$ psid)	Initiate an orderly load reduction and close MSIVs within 8 hours.	Initiates Group 1 isolation.
7	Main Steam Line Tunnel Temperature	High	2	$\leq 200^{\circ}\text{F}$	Initiate an orderly load reduction and close MSIVs within 8 hours.	Initiates Group 1 isolation.
8	Reactor Water Cleanup System Differential Flow	High	1	20-80 gpm	Isolate reactor water cleanup system.	Final trip setting will be determined during startup test program.
9	Reactor Water Cleanup Equipment Room Temperature	High	2	100-150 $^{\circ}\text{F}$	Isolate reactor water cleanup system.	Final trip setting will be determined during startup test program.
10	Reactor Water Cleanup Equipment Room Differential Temperature	High	2	0-100 $^{\circ}\text{F}$	Isolate reactor water cleanup system	Final trip setting will be determined during startup test program.
11	Condenser Vacuum	Low	2	$\geq 7"$ Hg. vacuum	Initiate an orderly load reduction and close MSIVs within 8 hours.	Initiate Group 1 isolation.
12	Drywell Radiation	High	1	$\leq 138$ R/HR.	Close the affected isolation valves within 24 hours or be in Hot Shutdown within the next 6 hours and in Cold Shutdown within the next 30 hours.	Isolates containment purge and vent valves

Table 4.2-1 (Cont'd)

Ref. No. (a)	Instrument	Instrument Check Minimum Frequency	Instrument Functional Test Minimum Frequency (b)	Instrument Calibration Minimum Frequency (c)
10	Reactor Water Cleanup Equipment Room Differential Temperature	None	(d)	Every 3 months
11	Condenser Vacuum	None	(d)	Every 3 months
12	Drywell Radiation	Once/Day	Once/Month	Once/Operating Cycle

## Notes for Table 4.2-1

- a. The column entitled "Ref. No." is only for convenience so that a one-to-one relationship can be established between items in Table 4.2-1 and items in Table 3.2-1.
- b. Instrument functional tests are not required when the instruments are not required to be operable or are tripped. However, if functional tests are missed, they shall be performed prior to returning the instrument to an operable status.
- c. Calibrations are not required when the instruments are not required to be operable. However if calibrations are missed, they shall be performed prior to returning the instrument to an operable status.
- d. Initially once per month or according to Figure 4.1-1 with an interval of not less than one month nor more than three months. The compilation of instrument failure rate data may include data obtained