

MODE A: NORMAL HEAT LOAD OPERATING MODE NOTE 2

POSITION	1	3	5A	6A	7A	7B	8A-1	8A-2	11A	12A	13	14A	50A	51A
FLOW (m ³ /h)	500	500	250	250	500	500	250	250	250	250	500	250	250	250
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TEMP (°C)	52								52	45.4	45.4	45.4	35	40.0
MAX ALLOWABLE PRESS LOSS (m)	TDN = 80 ΔP = 41 ΔP = 7													

MODE F: SUPPRESSION POOL CLEANUP OPERATING MODE NOTE 11

POSITION	1	3	5A/B	6A/B	7A	7B	8B-1	8B-2	11A	12A	13	14A	50A	51A	21	22A	
FLOW (m ³ /h)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	53.7										53.7	42.8	42.8	42.8	35	33.0	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)																

MODE B: MAXIMUM HEAT LOAD OPERATING MODE NOTE 9

POSITION	1	2	3	5A	6A	7A	7B	8A-1	8A-2	11A	12A	13	14A	50A	51A	
FLOW (m ³ /h)	500	350	500	250	250	500	500	250	250	250	250	500	380	425	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	52									52	45.4	43.6	40.8	43.6	35	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT/LMT 7.20 x 10 ⁶ kcal/h (21 DAYS AFTER SHUTDOWN) NOTE 2 FPC H/LMT 1.05 x 10 ⁶ kcal/h AND RHR H/LMT 3.00 x 10 ⁶ kcal/h															

MODE G: D/S PIT AND REACTOR WELL FILL OPERATING MODE NOTES 5 & 12

POSITION	1	3	5A/B	6A/B	7A	7B	8B-1	8B-2	11A	12A	13	14A	50A	51A	21	22A	23	
FLOW (m ³ /h)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	52												MAX 52	35	*	MAX 35	MAX 35	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)																	

MODE C: COOLING MODE AFTER EARTHQUAKE (POSTULATED SINGLE FAILURE) NOTE 7

POSITION	1	3	5A	6A	7A	8A	11A	12A	13	14A	50A	51A	
FLOW (m ³ /h)	250	250	250	250	250	250	250	250	250	250	250	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	62.7						62.7	51.8	51.8	51.8	35	44.0	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)												

MODE D: REFUELING OPERATING MODE NOTE 10

POSITION	1	3	5A	6A	7A	7B	8A-1	8A-2	11A	12A	13	50A	51A	18A/B	19	
FLOW (m ³ /h)	500	500	250	250	500	500	250	250	250	250	500	250	250	954	954	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	MAX 52								MAX 52	MAX 45.4	MAX 45.4	35	MAX 40.0	MAX 52	MAX 52	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)															

MODE E1: DRAIN OPERATING MODE NOTES 5 & 8

POSITION	10	5A	6A	7A	7B	8A-1	22A
FLOW (m ³ /h)	500	250	250	500	500	250	250
PRESS (kg/cm ² g)	*	*	*	*	*	*	*
TEMP (°C)	MAX 52						MAX 52
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)						

MODE E3: DRAIN OPERATING MODE NOTES 5, 8 & 14

POSITION	10	5A	6A	7A	7B	8A-1	8A-2	25	
FLOW (m ³ /h)	500	250	250	500	500	250	250	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	
TEMP (°C)	MAX 52							MAX 52	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)								

MODE E2: DRAIN OPERATING MODE NOTES 5 & 8

POSITION	10	5A	6A	7A	7B	8A-1	22A/B	1	3	4	5B	8B	9A	11A	12A	13	14A	50A	51A	
FLOW (m ³ /h)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
PRESS (kg/cm ² g)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
TEMP (°C)	MAX 52													MAX 52	MAX 42.2	MAX 42.2	MAX 42.2	35	MAX 38.4	
MAX ALLOWABLE PRESS LOSS (m)	EXCHANGED HEAT 2.66 x 10 ⁶ kcal/h (45 DAYS AFTER SHUTDOWN)																			

VALVE OPENING/CLOSING CONDITION NOTE 13

	F001	F002A	F002B	F003A	F003B	F003C	F003D	F003E	F003F	F003G	F003H	F003I	F003J	F003K	F003L	F003M	F003N	F003O	F003P	F003Q	F003R	F003S	F003T	F003U	F003V	F003W	F003X	F003Y	F003Z
MODE A	O	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE B	O	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE C	O	X	X	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE D	O	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE E1	X	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE E2	O	X	O	O	X	X	P	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE E3	X	O	O	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE F	O	O	X	X	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
MODE G	O	O	X	X	O	O	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O

O: OPEN P: PARTIALLY OPEN X: CLOSE

SI APERTURE CARD

PDR RIDS

9202260292

