TABLE 1

RBM Rod Block Setpoint Summary

1.	Current Tech. Spec - 2 Pump Operation	RB = .65W + 45
2.	Proposed (July 9, 1975) App. K Tech. Spec - 2 Pump Operation	RB = .58W + 49
3.	Combination of (1) and (2) for Administrative Limit until App. K Tech. Specs. Issued - 2 Pump Operation	RB = .65W + 42
4.	NEDO - 20999 Requirement Applied to Current Tech. Spec - 1 Pump Operation	RB = .65W + 42
5.	NEDO - 20999 Requirement Applied to Proposed App. K Tech. Spec - 1 Pump Operation (Proposed Herein)	RB = .58W + 46
6.	Combination of (4) and (5) for Administrative Limit Until App. K Tech. Specs. Issued - 1 Pump Operation	RB = .65W + 39

Table 3.-

REACTOR PROTECTION SYSTEM (SCRAM) INSTRUMENTATION REQUIREMENT

Minimum Number of Operable Inst. Channels per Trip (1) System	Trip Function	Trip Level Setting	Modes in Which Function Must Be Operable			Action (1)	
			Refuel (7)	Startup/Hot Standby	Run		
1	Mode Switch in Shutdown		X	X	X	A	
1	Manual Scram		X	X	X	A	
	IRM						
3	High Flux	≤120/125 of full scale	X	X	(5)	A	8
3	Inoperative		X	X	(5)	A	
	APRM						
2	High Flux	* (14) (15)	(17)	(17)	X	A or B	8
2	Inoperative		X	X(9)	X	A or B	
2	Downscale	≥2.5 Indicated on Scale	(11)	(11)	X(12)	A or B	
2	High Flux (15%)	≤15% of Design Power	X	X	(16)	A or B	8
2	High Reactor Pressure	≤1085 psig	X(10)	X	X	A	
2	High Drywell Pressure	≤2 psig	X(8)	X(8)	X	A	
2	Reactor Low Water Level	≥9 In. Indicated Level	X	X	X	A	
2	High Water Level in Scram Discharge Tank	≤39 Gallons	X(2)	X	X	A	
2	Turbine Condenser Low Vacuum	≥23 In. Hg. Vacuum	X(3)	X(3)	X	A or C	
2	Main Steam Line High Radiation	≤7X Normal Full Power Background	X	X	X	A or C	
4	Main Steam Line Isolation Valve Closure	≤10% Valve Closure	X(3)(6)	X(3)(6)	X(6)	A or C	
2	Turb. Cont. Valve Fast Closure	≥150 psig Control Oil Pressure at Acceleration Relay	X(4)	X(4)	X(4)	A or D	
4	Turbine Stop Valve Closure	≤10% Valve Closure	X(4)	X(4)	X(4)	A or D	

Feb., 1976

*APRM high flux scram setpoint $\leq (.58W + 62) \frac{A}{MTPF}$ Two recirc. pump operation

$\leq (.58W + 59) \frac{A}{MTPF}$ One recirc. pump operation

Feb. 1976

PNPS

TABLE 3.2.C

INSTRUMENTATION THAT INITIATES ROD BLOCKS

Minimum # of Operable Instrument Channels Per Trip Systems (1)	Instrument	Trip Level Setting	
2	APRM Upscale (Flow Biased)	$(0.58W + 49)\ [\frac{A}{MTPF}]$**	(2)
		$(0.58W + 46)\ [\frac{A}{MTPF}]$ *	
2	APRM Downscale	2.5 indicated on scale	
1 (7)	Rod Block Monitor (Flow Biased)	$(0.58W + 49)$ **	(2)
		$(0.58W + 46)$ *	
1 (7)	Rod Block Monitor Downscale	5/125 of full scale	
3	IRM Downscale (3)	5/125 of full scale	
3	IRM Detector not in Startup Position	(8)	
3	IRM Upscale	$\leq$ 108/125 of full scale	
2 (5)	SRM Detector not in Startup Position	(4)	
2 (5) (6)	SRM Upscale	$\leq 10^5$ counts/sec.	

*One Recirc. Pump Operation
**Two Recirc. Pump Operation

July 1975 July 1975

February, 1976