

TABLE 3.5-2

ENGINEERED SAFETY FEATURES ACTUATION

NO.	FUNCTIONAL UNIT,	1	2	3
		MIN. OPERABLE CHANNELS	MIN. DEGREE OF REDUN- DANCY	OPERATOR ACTION IF CONDITIONS OF COLUMN 1 OR 2 CANNOT BE MET
1.	SAFETY INJECTION			
1.1	Manual	1	0	Cold Shutdown
1.2	High Containment Pressure	2	1	Cold Shutdown
1.3	High Differential Pressure between any Steam Line and the Steam Line Header	2	1	Cold Shutdown
1.4	Pressurizer Low Pressure*	2	1	Cold Shutdown
1.5	High Steam Flow in 2/3 Steam Lines with Low T _{avg} or Low Steam Line Pressure	1/line in each of 2 lines	1	Cold Shutdown
2.	CONTAINMENT SPRAY			
2.1	High Containment Pressure and High-High Containment Pressure (coincident)	2 per set	1/set	Cold Shutdown
3.	AUXILIARY FEEDWATER			
3.1	Low-Low Steam Generator Level	2	1	Hot Shutdown
3.2	Loss of Power			
a.	4.16kV Emergency Bus undervoltage (Loss of Voltage)	2	0	Cold Shutdown
b.	480V Load Centers (2 instantaneous relays per load center)**	1***	0	Cold Shutdown
c.	480V Load Centers (2 inverse time relays per load center)**	1***	0	Cold Shutdown

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PDR ADQCK 05000250
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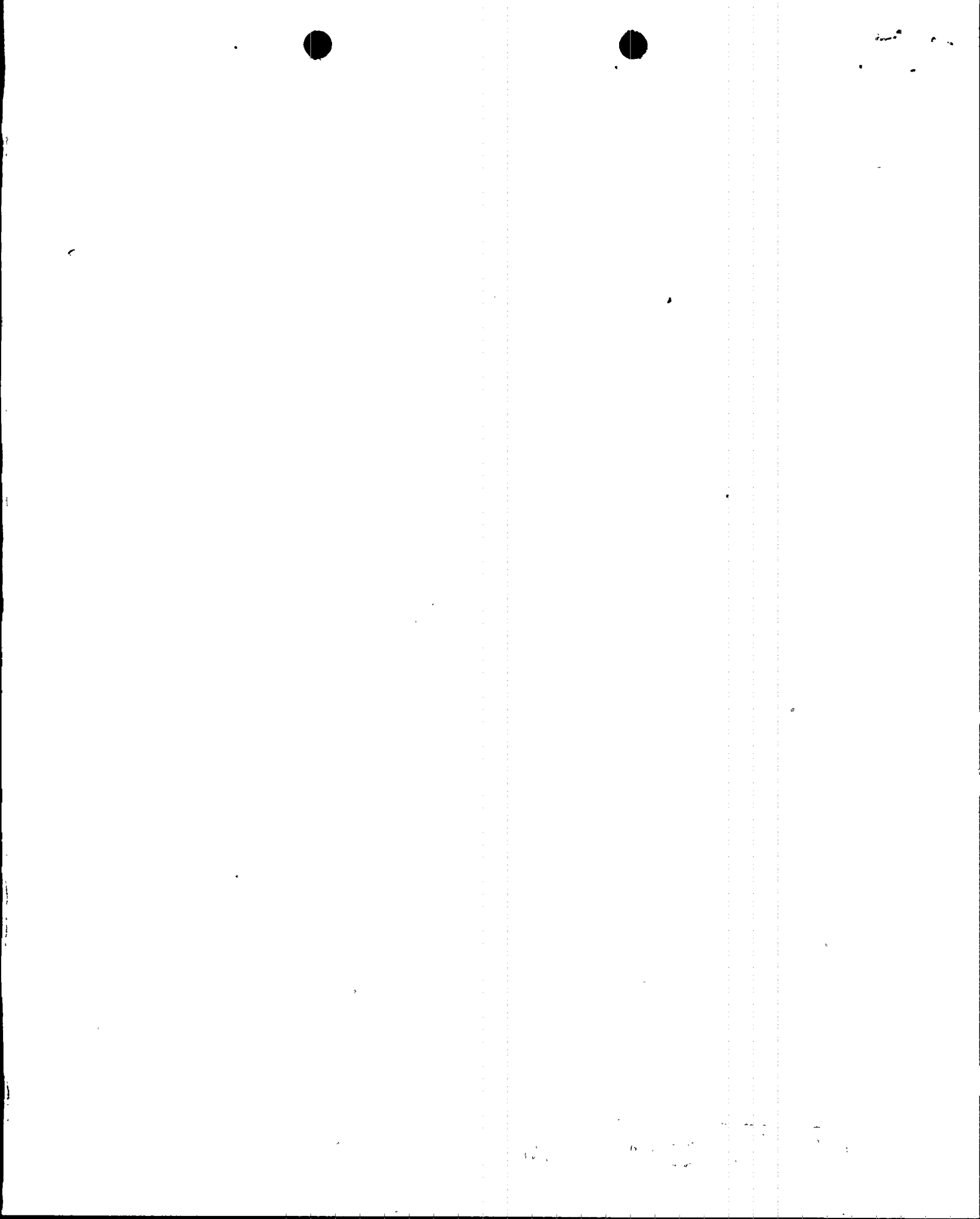


TABLE 3.5-2 (Cont'd.)

ENGINEERED SAFETY FEATURES ACTUATION

<u>NO.</u>	<u>FUNCTIONAL UNIT</u>	1	2	3
		<u>MIN. OPERABLE CHANNELS</u>	<u>MIN. DEGREE OF REDUN- DANCY</u>	<u>OPERATOR ACTION IF CONDITIONS OF COLUMN 1 OR 2 CANNOT BE MET</u>
3.3	Safety Injection	(---See 1 above---)		
3.4	Trip of both Main Feedwater Pump Breakers	2	0	Cold Shutdown

* This signal may be manually bypassed, when the reactor is shutdown and pressure is below 2000 psig.

** These items do not apply on Unit 3 until after implementation of PC/M 79-116 and on Unit 4 until after implementation of PC/M 80-44.

*** Operation or start-up may continue with only one channel operable only if the inoperable channel is placed in the trip condition.

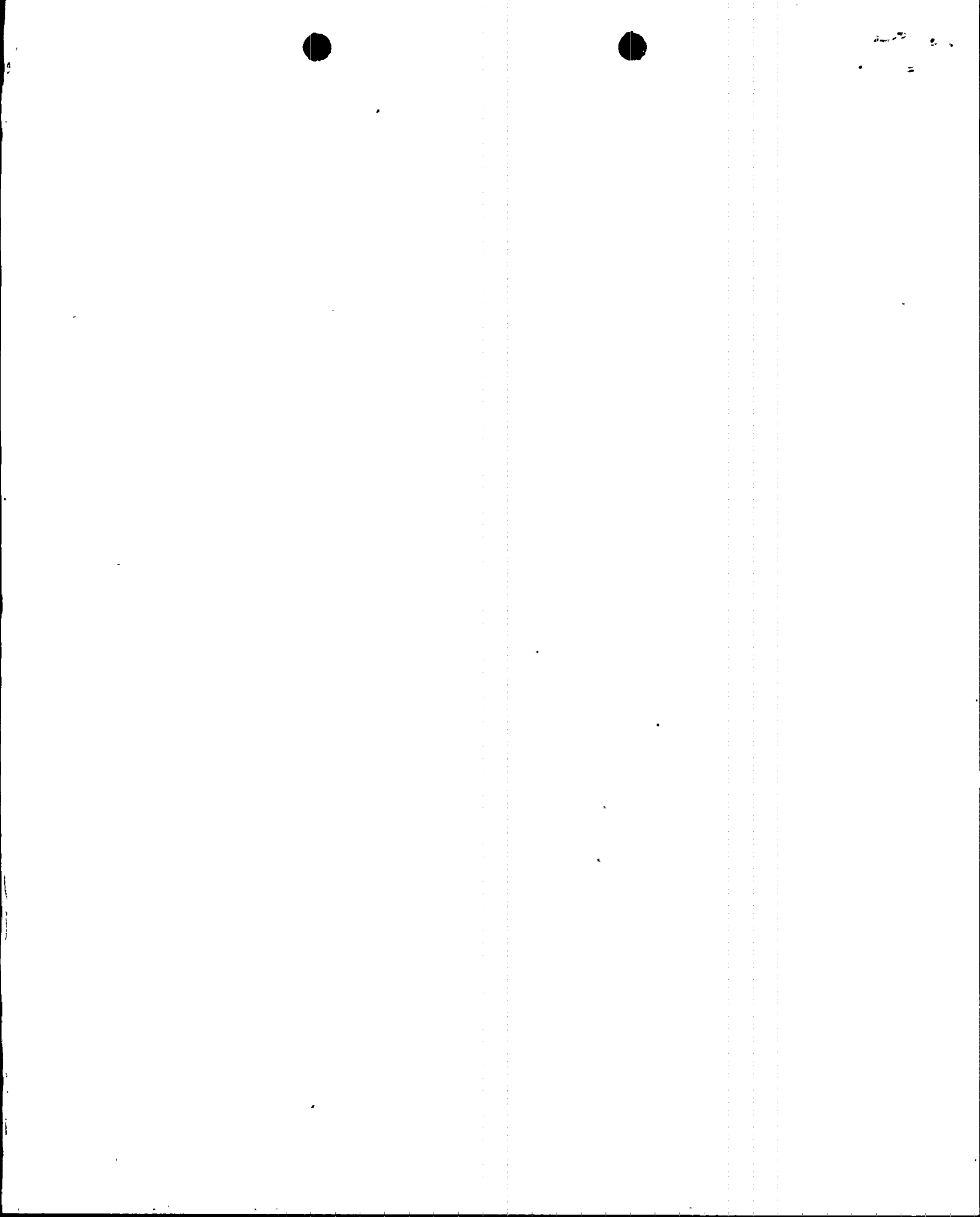


TABLE 3.5-4 (Sheet 2)

ENGINEERED SAFETY FEATURE SETPOINTS

<u>NO.</u>	<u>FUNCTIONAL UNIT</u>	<u>CHANNEL ACTION</u>	<u>SETPOINT</u>
7b.	Degraded Voltage ** (480 Volt Load Center)	Auxiliary Feedwater	All with tolerance of ± 5 volts.
	<u>Load Center</u>	<u>Instantaneous Setpoint</u>	<u>Delay Setpoint</u>
	3A**	436V (10 sec. delay)#	419V (60 sec ± 30 sec. delay)
	3B**	416V (10 sec. delay)#	426V (60 sec ± 30 sec. delay)
	3C**	417V (10 sec. delay)#	427V (60 sec ± 30 sec. delay)
	3D**	428V (10 sec. delay)#	436V (60 sec ± 30 sec. delay)
	4A**	415V (10 sec. delay)#	427V (60 sec ± 30 sec. delay)
	4B**	414V (10 sec. delay)#	424V (60 sec ± 30 sec. delay)
	4C**	401V (10 sec. delay)#	413V (60 sec ± 30 sec. delay)
	4D**	403V (10 sec. delay)#	412V (60 sec ± 30 sec. delay)
8.	Safety Injection	Auxiliary Feedwater	All SI setpoints
9.	Trip of both Main Feedwater Pump Breakers	Auxiliary Feedwater	N.A.

** These items do not apply on Unit 3 until after implementation of PC/M 79-116 and on Unit 4 until after implementation of PC/M 80-44.

Channel action is subject to condition being concurrent with Safety Injection signal.

PSB/DSI SALP INPUT

PLANT: TURKEY POINT NUCLEAR GENERATING PLANT, UNITS 3 & 4

LICENSEE: FLORDIA POWER AND LIGHT COMPANY (FPL)

DOCKET NO: 50-250/251

LICENSE STATUS: OR

SER SUBJECT: T.S. CHANGE REQUEST ON DEGRADED GRID PROTECTION FOR CLASS 1E POWER SYSTEM
(B-23)

PERFORMANCE PARAMETERS: (1) Management Involvement In Assuring Quality
 (2) Approach To Resolution of Technical Issues
 From a Safety Standpoint
 (3) Response To NRC Initiatives
 (4) Staffing (Including Management)
 (5) Reporting And Analysis Of Reportable Events
 (6) Training And Qualification Effectiveness
 (7) Any Other SALP Functional Area

PERFORMANCE PARAMETER	NARRATIVE DESCRIPTION OF APPLICANT/LICENSEE'S PERFORMANCE	CATEGORY/RATING
1	N/A	1
2	The licensee has demonstrated understanding of issues. Their approach to resolution was viable and sound.	
3	N/A	
4	N/A	
5	N/A	
6	N/A	
7	N/A	

OVERALL APPLICANT/LICENSEE PERFORMANCE RATING 1