

Facility: Palisades		Scenario No.: ONE		Op-Test No.: 1	
Examiners: _____		Operators: _____			
_____		_____			
_____		_____			
Initial Conditions: 100% power.					
Turnover: Shift orders are to maintain current power level and to alternate CCW Pumps to P-52A in service and P-52B/P-52C in standby.					
Event No.	Malf. No.	Event Type*	Event Description		
1	N/A	BOP (N)	Alternate operating CCW pumps		
2	CW01A	SRO (C, T) BOP (C) RO (R)	Cooling Tower Pump P-39A trips (AOP-6) and rapid downpower (AOP-7)		
3	EG04 ED142	BOP (C) SRO (C)	Main Generator Voltage Regulator failure with concurrent change in grid voltage		
4	RP24A	SRO (I, T) RO (I)	Cold Leg #1 RTD fails high		
5	SG01A	SRO (C, T) RO (C)	'A' S/G tube leak that rises to require a reactor trip. (≥ 0.4 gpm requires reactor trip)		
6	SG01A	ALL (M)	SGTR on 'A' S/G		
7	ED13B SI01B	RO (C)	Failure of Right Train SIAS to automatically actuate Trip of left train HPSI Pump P-66B (will not restart)		
* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)ech Spec					

Facility: Palisades		Scenario No.: TWO		Op-Test No.: 1	
Examiners: _____		Operators: _____			
_____		_____			
_____		_____			
Initial Conditions: 25% power. P-8A, Auxiliary Feedwater Pump is out of service for pump seal replacement.					
Turnover: A startup from a forced outage is in progress. GCL-5.1, Power Escalation in MODE 1, has been completed through Step 3.1. Shift orders are to rotate Instrument Air Compressors and then resume the power escalation to full power at 12% per hour.					
Event No.	Malf. No.	Event Type*	Event Description		
1	N/A	BOP (N)	Rotate Instrument Air Compressors		
2	N/A	SRO (N) RO (R) BOP (N)	Power Escalation		
3	CH06B	SRO (I, T) BOP (I)	Loss of 'B' Control Room HVAC Train		
4	ED08B	SRO (I, T) RO (I) BOP (I)	Loss of EY-20, Preferred AC Bus (AOP-13)		
5	RC03	SRO (C, T) RO (C)	PCS Leak (requires Reactor trip) (AOP-23)		
6	FW03B	BOP (C)	Failure of P-8B, Steam Driven AFW Pump, to auto start		
7	MS06B MS15B RC04	ALL (M)	RV-0711, Main Steam Relief, partially opens (time delay initiation from time of trip). PCS Leak increases. (EOP-9.0)		
8	SI09B	RO (C)	Failure of P-66B, HPSI Pump, to Auto start		
* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)ech Spec					

Facility: PalisadesScenario No.: THREEOp-Test No.: 1

Examiners: _____ Operators: _____

Initial Conditions: 60% power.

Turnover: Shift orders are to continue power ascension.

Event No.	Malf. No.	Event Type*	Event Description
1	N/A	SRO (N) RO (R) BOP (N)	Power escalation
2	P-40A-1	SRO (C, T) BOP (C)	P-40A, Dilution Water Pump, trip/breaker failed
3	RX05B	SRO (I) RO (I)	Channel 'B' Pressurizer Pressure Controller failure (AOP-28)
4	N/A	SRO (T)	T-10A Diesel Fuel Oil Inventory Low
5	RC16	SRO (C) RO (C)	PCP P-50A High Vibration (requires pump trip)(AOP-29)
6	RC04	ALL (M)	LOCA (when reactor manually tripped)
7	TC02	BOP (I)	Failure of Turbine to auto trip
8	CH05A CH05B	RO (I)	CHP Channels Auto Initiate Failure

* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)ech Spec