Facility: LaSalle Scenario No.: NRC Scenario **1** Op-Test No.: NRC 15-1
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: Unit 1 is at 4% power during a Startup.

Turnover: Secure the RWCU drain to the Main Condenser. Continue control rod withdrawal in preparation for taking the Mode Switch to RUN.

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	Secure RT Reject IAW LOP-RT-09
2	none	**R (ATC)**	Control Rod Withdrawals
3	none	**T (SRO)**	Damage to Fire Hose Station 109 Reported (TRM)
4	mni018	**I (ATC)**	'A' IRM fails UPSCALE, Half SCRAM
5	g8c75g14	**C (BOP)**	TBCCW Header Pressure Low
6	meh002	**C (BOP)**	'B' EHC Pump TRIP, Standby Pumps Fails to Auto-Start
7	R0601	**T (SRO)**	Low ADS Bottle Bank Nitrogen Pressure (TS)
8	mrd279	**C (ATC)**	CRD FCV Fails CLOSED
9	mrw010	**M (ALL)**	RWCU Leak in RT Pump Room
10	none	**C (ALL)**	RWCU Fails to Isolate
11	none	**M (ALL)**	Two Areas Above Max Safe, Emergency RPV Blowdown

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)echnical Specification

ES-301-4 Quantitative attributes:
Total Malfunctions (5-8): 6
Malfunction(s) after EOP (1-2): 1
Abnormal Events (2-4): 4
Major Transient(s) /E-Plan entry (1-2): 2
EOPs (1-2): 2
EOP Contingencies (0-2): 1
Critical Tasks (2-3): 2

ES-301-5 Quantitative attributes:
BOP Normal: 1
ATC Reactivity (1 per set): 1
BOP I/C (4 / set): 2
ATC I/C (4 / set): 2
SRO-I I/C (4 / set inc 2 as ATC): 5
SRO Tech Spec (2 per set): 2
ALL Major Transients (2 per set): 2

Facility: **LaSalle** Scenario No.: NRC Scenario **2** Op-Test No.: _NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: 100% power

Turnover: SPE Blower swap IAW LOP-GS-05

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	SPE Blower SWAP IAW LOP-GS-05
2	none	**T (SRO)**	U-2 Reports DIV 2 DG INOPERABLE
3	mcw014	**C (BOP)**	'1A' WR Pump TRIP
4	r0342	**R (ATC)**	1E MPT Transformer Hot Spot
5	r0742	**T (SRO)**	SBLC Squib Valve Continuity Lost
6	none	**C (BOP)**	'B' VR Exhaust Fan TRIP
7	mcw015 mcw013	**C (ATC)**	Complete Loss of RBCCW
8	mrp017	**M (ALL)**	Electrical ATWS
9	none	**C (ATC)**	ARI Fails

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor

ES-301-4 Quantitative attributes:
Total Malfunctions (5-8): 6
Malfunction(s) after EOP (1-2): 1
Abnormal Events (2-4): 3
Major Transient(s) /E-Plan entry (1-2): 1
EOPs (1-2): 1
EOP Contingencies (0-2): 1
Critical Tasks (2-3): 3

ES-301-5 Quantitative attributes:
BOP Normal: 1
ATC Reactivity (1 per set): 1
BOP I/C (4 / set): 2
ATC I/C (4 / set): 2
SRO-I I/C (4 / set inc 2 as ATC): 4
SRO Tech Spec (2 per set): 2
ALL Major Transients (2 per set): 1

Facility: **LaSalle** Scenario No.: NRC Scenario **3** Op-Test No.: __NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: 100% Reactor power, RCIC is OOS ready to be returned to Standby.

Turnover: Warm RCIC Steam Line and return to Standby IAW LOP-RI-05 step E.9

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	Warm RCIC Steam Lines and Return to Standby (Optional)
2	mrw001	**C (BOP)**	RT Pump TRIP (Optional)
3	r0414	**C (BOP)**	OG Building Exhaust Fan TRIP (Optional)
4	mcn017	**R (ATC)**	Earthquake Below OBE/SSE Limit, Small Condenser Air Leak
5	k3k02p1y	**C (ATC)**	Failure of the RR Ganged Controller in AUTO
6	mca014	**M (ALL)**	Scram, Suppression Pool Leak
7	mrd040	**C (ATC)**	Five Control Rods Remain Out
8	none	**M (ALL)**	Blowdown

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)echnical Specification

ES-301-4 Quantitative attributes:
Total Malfunctions (5-8): 6
Malfunction(s) after EOP (1-2): 1
Abnormal Events (2-4): 4
Major Transient(s) /E-Plan entry (1-2): 2
EOPs (1-2): 2
EOP Contingencies (0-2): 2
Critical Tasks (2-3): 3

ES-301-5 Quantitative attributes:
BOP Normal: 1
ATC Reactivity (1 per set): 1
BOP I/C (4 / set): 2
ATC I/C (4 / set): 2
SRO-I I/C (4 / set inc 2 as ATC): 4
SRO Tech Spec (2 per set): 0
ALL Major Transients (2 per set): 2

Facility: **LaSalle** Scenario No.: NRC Scenario **4** Op-Test No.: __NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: 100% Reactor power, 'C' CD/CB OOS

Turnover: Swap VR Supply/Exhaust Fans IAW LOP-VR-01

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	Swap VR Supply/Exhaust Fans IAW LOP-VR-01
2	mms056	**R (ATC)**	Abnormal Turbine Generator Vibrations
3	mai006 mai007	**C (BOP)**	Station Air Compressor TRIP, Standby Fails to Auto Start
4	mni073	**I (ATC)**	LPRM Fails Downscale
5	mnb061	**I (ATC)**	1NB10B Instrument Line Leak
6	none	**T (SRO)**	1NB10B Instrument Line Leak
7	mms056	**M (ALL)**	Abnormal Turbine Generator Vibrations, Manual SCRAM
8	mcf034	**M (ALL)**	Feedwater Rupture Inside Primary Containment
9	mes032	**C (BOP)**	HPCS Fails to Auto-Start

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor

ES-301-4 Quantitative attributes:
Total Malfunctions (5-8): 7
Malfunction(s) after EOP (1-2): 2
Abnormal Events (2-4): 4
Major Transient(s) /E-Plan entry (1-2): 2
EOPs (1-2): 2
EOP Contingencies (0-2): 0
Critical Tasks (2-3): 2

ES-301-5 Quantitative attributes:
BOP Normal: 1
ATC Reactivity (1 per set): 1
BOP I/C (4 / set): 2
ATC I/C (4 / set): 2
SRO-I I/C (4 / set inc 2 as ATC): 4
SRO Tech Spec (2 per set): 1
ALL Major Transients (2 per set): 2

Facility: **LaSalle** Scenario No.: NRC Scenario **5** Op-Test No.: _NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: Shutdown in progress at approximately 35% power. Currently at Step E.1.9, ready to downshift RR Pumps to Slow Speed per LOP-RR-08.

Turnover: Continue Shutdown and swap to the 'A' VP Chiller and follow-up with RR downshift.

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	Swap VP Chiller Trains IAW LOP-VP-02
2	none	**R (ATC)**	Downshift RR Pumps IAW LOP-RR-08
3	k2h06jti	**C (ATC)**	RR Pump TRIPs to Zero Speed after Downshift
4	none	**T (SRO)**	RR Pump TRIPs to Zero Speed after Downshift
5	k1k21p1n	**C (BOP)**	Spurious LPCS Initiation
6	none	**T (SRO)**	Spurious LPCS Initiation
7	k9d782rr	**I (BOP)**	Primary Containment Pressure Controller Fails
8	vhtm60ad	**C (ATC)**	TDRFP Oil Leak
9	mrc041	**M (ALL)**	RR LOCA
10	mrp018	**C (ATC)**	'B' RPS Channel Fails to De-Energize

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)echnical Specification

ES-301-4 Quantitative attributes:
Total Malfunctions (5-8): 6
Malfunction(s) after EOP (1-2): 1
Abnormal Events (2-4): 4
Major Transient(s) /E-Plan entry (1-2): 1
EOPs (1-2): 2
EOP Contingencies (0-2): 0
Critical Tasks (2-3): 2

ES-301-5 Quantitative attributes:
BOP Normal: 1
ATC Reactivity (1 per set): 1
BOP I/C (4 / set): 2
ATC I/C (4 / set): 3
SRO-I I/C (4 / set inc 2 as ATC): 5
SRO Tech Spec (2 per set): 2
ALL Major Transients (2 per set): 1

Facility: **LaSalle** Scenario No.: NRC Scenario **6** Op-Test No.: __NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: Unit 1 is at 100% Reactor Power, Suppression Pool water level is currently at 1", Non-Divisional Work Week

Turnover: Lower Suppression Pool water level to 0" IAW LOP-RH-16 to Main Condenser.

Event No.	Malf. No.	Event Type*	Event Description
1	none	**N (BOP)**	Lower Suppression Pool Water Level to 0" IAW LOP-RH-16
2	r1211	**C (BOP)**	Gland Steam Packing Exhaust Blower Trip
3	mvp001	**C (BOP)**	VP Chiller TRIP
4	r0591 r0593	**C (ATC)**	'A' RR Pump Loss of Cooling Water Flow
5	none	**T (SRO)**	Single Loop Operation (TS)
6	k1n32e12 mnb103	**R (ATC)**	Spurious MSIV Closure, Fuel Failure
7	mrp005	**C (ATC)**	'B' RR Pump TRIP, Automatic SCRAM Fails
8	mnb106	**M (ALL)**	Main Steam Line Leak in Main Steam Tunnel
9	none	**C (ALL)**	'D' Inboard and Outboard MSIVs Fail to Isolate
10	none	**M (ALL)**	1VT79YA/B/C Fail OPEN, High Off-site Release, Blowdown

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)echnical Specification

ES-301-4 Quantitative attributes:	ES-301-5 Quantitative attributes:
Total Malfunctions (5-8): 8	BOP Normal: 1
Malfunction(s) after EOP (1-2): 2	ATC Reactivity (1 per set): 1
Abnormal Events (2-4): 4	BOP I/C (4 / set): 2
Major Transient(s) /E-Plan entry (1-2): 2	ATC I/C (4 / set): 2
EOPs (1-2): 3	SRO-I I/C (4 / set inc 2 as ATC): 5
EOP Contingencies (0-2): 1	SRO Tech Spec (2 per set): 1
Critical Tasks (2-3): 2	ALL Major Transients (2 per set): 2

Facility: **LaSalle** Scenario No.: NRC Scenario **7** Op-Test No.: __NRC 15-1_____
Examiners: _____ Operators: _____
_____ _____
_____ _____

Initial Conditions: Reactor power at approximately 71%, Startup is in progress IAW LGP-1-1, Suppression Pool Cooling Online, ACB 1522 OOS.

Turnover: Continue power ascension per LGP-3-1 and QNE direction, Secure Suppression Pool Cooling IAW LOP-RH-13.

Event No.	Malf. No.	Event Type*	Event Description
1	none	**R (ATC)**	Continue Power Ascension Using RR FCV
2	none	**N (BOP)**	Secure Suppression Pool Cooling IAW LOP-RH-13
3	mrd280	**C (ATC)**	CRD Pump TRIP
4	k5e17prr	**C (BOP)**	Hydrogen Cooling TCV Fails CLOSED
5	mrd079	**I (ATC)**	Control Rod Drifts In
6	none	**T (SRO)**	INOPERABLE Control Rod
7	mee027	**C (BOP)**	Loss of 135X-2
8	none	**T (SRO)**	Loss of 135X-2
9	mnb104	**M (ALL)**	MSL Break Inside Primary Containment
10	mca015	**C (ALL)**	Containment Bypass Path
11	none	**M (ALL)**	RPV Blowdown

(N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor (T)echnical Specification

ES-301-4 Quantitative attributes:	ES-301-5 Quantitative attributes:
Total Malfunctions (5-8): 6	BOP Normal: 1
Malfunction(s) after EOP (1-2): 1	ATC Reactivity (1 per set): 1
Abnormal Events (2-4): 4	BOP I/C (4 / set): 2
Major Transient(s) /E-Plan entry (1-2): 2	ATC I/C (4 / set): 2
EOPs (1-2): 2	SRO-I I/C (4 / set inc 2 as ATC): 5
EOP Contingencies (0-2): 1	SRO Tech Spec (2 per set): 2
Critical Tasks (2-3): 2	ALL Major Transients (2 per set): 2