

Facility: LaSalle

Scenario No.: **NRC 11-1-1**

Op-Test No.: 2012301

Initial Conditions:

Unit 1 is operating at approximately 85% power. RCIC is Out-of-Service. 1VT02CC is out of service. LOS-TG-M4 is for PMT of #2 Turbine BV. Suppression Pool Temperature is 93°F.

Turnover: Perform Turbine Bypass Valve Surveillance, LOS-TG-M4, on BPV #2 for Post Maintenance testing. Return to rated power following completion.

Event No.	Malf. No.	Event Type*		Event Description
1.	N/A	(N)	BOP	Perform Turbine Bypass Valve Surveillance, LOS-TG-M4, for Turbine Bypass Valve #2.
2.	mrd157	(I) (T)	ATC SRO	Loss of RPIS for one fully inserted rod on RCMS. Declare INOP, and electrically disarm. Tech Spec determination for LCO 3.1.3. (TS)(ABN)
3.	N/A	(R)	ATC	Commence ramp to full power using RR FCVs
4.	k7d15wpg	(C)	BOP	Loss of 1VT02CA. With only 1 TB Exhaust Fan operating, the BOP must secure one TB Supply Fan (ABN)
5.	mrc039 k2k08pxi	(I)	ATC	1A Reactor Recirculation FCV controller fails open and HPU Trip button fails. (ABN)
6.	mee041	(T)	SRO	Loss of SAT. Tech Spec determination for offsite sources of power. (TS)(ABN)
7.	mms007 k5h09wl6	(C)	BOP	Loss of EHC fluid and failure of auto start feature for standby pump. (ABN)
8.	mee055 mdg007 mnb038	(M)	Crew	Loss of UAT. Division 2 EDG fails to start, crosstie to Unit 2 to restore power. One SRV sticks open, causing RPV level to lower to TAF.
9.	mnb078 mes002	(M)	Crew	HPCS pump fails to auto start and then its discharge piping breaks inside containment after it has been manually started.
10.	mes006&007	(M)	Crew	ADS will fail to auto initiate

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

ES-301-4 Quantitative attributes:

Total Malfunctions (5-8): **7**
 Malfunction(s) after EOP (1-2): **2 (E9&10)**
 Abnormal Events (2-4): **5, (E2, 4, 5, 6, &7)**
 Major Transient(s) /E-Plan entry (1-2): **1 (E8)**
 EOPs (1-2): **2 (LGA-001 and 003)**
 EOP Contingencies (0-2): **2 (ALC & Blowdown)**
 Critical Tasks (2-3): **2**

ES-301-5 Quantitative attributes:

BOP Normal: **E1**
 ATC Reactivity (1 per set): **E3**
 BOP I/C (4 per set): **E4&7**
 ATC I/C (4 per set): **E2&5**
 SRO-I I/C (4 per set inc 2 as ATC): **E2,4,5&7**
 SRO Tech Spec (2 per set): **2 (E2 & 6)**
 ALL Major Transients (2 per set) **E8**

Facility: LaSalle

Scenario No.: **NRC 11-1-2**

Op-Test No.: 2012301

Initial Conditions:

Startup in progress at approximately 8% power. At Step E.5, withdrawing control rods to achieve 1½ Bypass Valves for Turbine Roll. 1A Off Gas Posttreat Monitor is inoperable.

Turnover: Continue Startup

Event No.	Malf. No.	Event Type*		Event Description
1.	N/A	(R)	ATC	Pull control rods per the sequence package to obtain 1½ Bypass Valves for Turbine Roll
2.	mrd217	(C)	ATC	Stuck control rod, (18-11) moves after increasing Drive Water pressure (ABN)
3.	k5h03jc1	(C)	BOP	Steam Seal Evaporator pressure control valve fails. LOR and LOA actions. (ABN)
4.	mrm021	(T) (I)	CRS	1C Fuel Pool Exhaust Radiation Monitor fails downscale. Technical Specification 3.3.6.1 Determination (TS)
5.	g3k11p1y mcf089	(I)	ATC	Master FWLC setpoint fails to 45, requiring manual level control for remainder of scenario. (ABN)
6.	mrm011 mrm012	(I)	BOP	Failure of the second Posttreat Rad Monitor results in closure of 1N62-F057. BOP installs jumper to reopen the valve. (ABN)
7.	mnb105 mca015	(M)	ALL	Small Steam LOCA from MSL with primary containment pressure suppression function failure

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

ES-301-4 Quantitative attributes:

Total Malfunctions (5-8): **6**
 Malfunction(s) after EOP (1-2): **1 (E-7)**
 Abnormal Events (2-4): **4 (E2, 3, 5, & 6)**
 Major Transient(s) /E-Plan entry (1-2): **1 (E7)**
 EOPs (1-2): **2 (LGA-001 & LGA-003)**
 EOP Contingencies (0-2): **None**
 Critical Tasks (2-3): **2**

ES-301-5 Quantitative attributes:

BOP Normal: **None**
 ATC Reactivity (1 per set): **E1**
 BOP I/C (4 per set): **E3&6**
 ATC I/C (4 per set): **E2&5**
 SRO-I I/C (4 per set inc 2 as ATC): **E2,3,5,&6**
 SRO Tech Spec (2 per set): **E4**
 ALL Major Transients (2 per set) **E7**

Facility: LaSalle

Scenario No.: **NRC 11-1-3**

Op-Test No.: 2012301

Initial Conditions:

Unit 1 is operating at 100% power. Suppression Pool Temperature is 93°F. Recirc Ganged controller is Out-Of-Service. Chemistry is monitoring a suspected fuel leak.

Turnover: Perform LOS-VG-M1 on Unit 1 VG. Reduce power to 85% for Quarterly Surveillances.

Event No.	Malf. No.	Event Type*		Event Description
1.	vmsgv03r	(N) (T)	BOP SRO	Unit-1 VG failed surveillance. SRO makes Technical Specification determination 3.6.4.3. (TS)
2.	N/A	(R)	ATC	Reduce reactor power using RR-FC Valves in manual control.
3.	p3e01a1d	(I)	ATC	CRD Flow Controller setpoint fails low. (ABN)
4.	mrc040	(I) (T)	ATC	Inadvertent Runback of 1B RR Flow Control Valve. The SRO addresses Tech Spec for Recirc loop Flow mismatch. The ATC will insert CRAM rods to exit Region 1. (ABN)
5.	k7d21jpg	(C)	BOP	Offgas Building Exhaust Fan trip. The BOP swaps to the standby train. (ABN)
6.	mnb205 mnb112 vavr4/5ya/b	(M)	CREW	MSL Leak in Steam Tunnel results in a Group 1. D Inbd MSIV fails to isolate and the Reactor Building Ventilation fails to isolate. The crew performs actions of LGA 001, 002 and 003.
7.	gka02p21 gma02p21	(M)	CREW	When the leak spreads to the RWCU area and two areas are above Max Safe temperature the crew will perform a RPV Blowdown per LGA-004
8.	mrh014	(C)	BOP	1A RHR suction strainer plugged. The BOP takes actions to mitigate and restore. (ABN)

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

ES-301-4 Quantitative attributes:

Total Malfunctions (5-8): **7**
 Malfunction(s) after EOP (1-2): **1 (E8)**
 Abnormal Events (2-4): **4 (E3, 4, 5, &8)**
 Major Transient(s) /E-Plan entry (1-2): **1 (E6)**
 EOPs (1-2): **3 (LGA-001, 003, & 002)**
 EOP Contingencies (0-2): **1 (LGA-004)**
 Critical Tasks (2-3): **2**

ES-301-5 Quantitative attributes:

BOP Normal: **E1**
 ATC Reactivity (1 per set): **E2**
 BOP I/C (4 per set): **E5&8**
 ATC I/C (4 per set): **E3&4**
 SRO-I I/C (4 per set inc 2 as ATC): **E3,4,5,& 8**
 SRO Tech Spec (2 per set): **E1&4**
 ALL Major Transients (2 per set) **E6**