Facility: Monticello Scenario No.: ILT-SS-07E (**NRC 4/SPARE**) Op-Test No.: MNGP 09

Examiners: _____ Operators: _____

Initial Conditions:
At 100% power.
B RPS MG secured.

Turnover:
Perform Reactor Bldg. to Torus Vacuum Breaker test.

Event No.	Malf. No.	Event Type*	Event Description
1	(Override) S74-02 DS162-02	**N** **(BOP/SRO)**	Perform Reactor Bldg. to Torus Vacuum Breaker Test. Valve fails to close which requires the CRS to address Tech Specs
2	NI13D	**I** **(ATC/SRO)**	APRM #4 fails Upscale The ATC will address this problem. The CRS will address Tech Specs for RPS instruments
3	MC04B MC03	**C** **(BOP/SRO)**	Loss of Steam Supply to an SJAE. BOP and CRS will Respond (ABNORMAL)
4	None	**R** **(ATC/SRO)**	Rapid power Reduction is performed for the loss of Main Condenser vacuum.
5	SW01A	**C** **(BOP/SRO)**	The running RBCCW pump trips and the auto-start of the standby pump fails. (ABNORMAL)
6	ED06A CH22A&B	**M** **(Crew)**	Loss LC 101 with B RPS MG secured. The Scram will not reset and the Discharge Volume cannot be isolated. EOP 1300 is performed. Crew will anticipate Emergency Depressurization, which becomes necessary due to elevated Reactor Bldg. Radiation levels.
7	CH02_119	**C** **ATC**	1 Rod stuck out after scram
8	AO08C&D	**C** **BOP**	2 of 3 ADS valves fail to open.

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

ES-301-4 Quantitative attributes:
Total Malfunctions: 7 Malfunctions
Malfunction(s) after EOP:E7 & E8
Abnormal Events: E3, E5, & E6
EOPs: 1300
EOP Contingencies: Emergency Depressurization
Critical Tasks: ED, Use alternate ADS valves
Tech Spec: E1 & E2
SRO-I ATC I/C: NA