Facility: Monticello Scenario No.: ILT-SS-06E (**NRC 3**) Op-Test No.: MNGP 09

Examiners: _____ Operators: _____

Initial Conditions:
At 100% power with Transformer 1AR out of service to investigate a hot spot.
No Limiting conditions for Operation in effect.

Turnover:
Shift to standby RBCCW pump

Event No.	Malf. No.	Event Type*	Event Description
1	None	**N (BOP)**	Transfer to standby RBCCW pump
2	CH06_052	**I (ATC/SRO)**	Rod Drift Scram outlet valve failure The ATC will address this problem. The CRS will address Tech Specs for T.S. 3.1.3 Condition C
3	AP01E	**I (BOP/SRO)**	An SRV opens. The BOP will address this problem (logic). The SRV will close (ABNORMAL)
4	None	**R (ATC/SRO)**	Rapid power Reduction is performed for the leaking SRV.
5	C-08-B01	**C (BOP/SRO)**	An oil leak on Transformer 2R requires emergency transfer to 1R. The CRS will address Tech Specs for offsite sources (ABNORMAL)
6	ED05F	**C (ATC/SRO**	Bus 16 Lockout, #11 CRD Pump will not start, manual reactor scram and performance of EOPs C.5 1100
7	MS04B	**M (Crew)**	All rods fully insert but a steam leak inside the Drywell develops. Emergency Depressurization becomes necessary due to elevated Drywell temperatures. EOP C.5-1200 is performed.
8	(Override) 01-S030-02	**I (BOP/SRO**	B RHR cannot be initiated in DW Spray mode. This results in use of the Emergency Depressurization Contingency.

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

ES-301-4 & 5 Quantitative attributes:
Total Malfunctions: 6 Malfunctions
Malfunction(s) after EOP: E8
Abnormal Events: E3 & E5
EOPs: 1200
EOP Contingencies: Emergency Depressurization
Critical Tasks: Manual Scram for Loss of CRD (200.167); Blowdown on DW Temp (314.101)
Tech Spec: E2 & E5
SRO-I ATC I/C: N/A