

Facility: Perry

Scenario No.: 1

Op-Test No.: 2007-01

Examiners: _____ Operators: _____

Initial Conditions: Completed repairs of Reactor Recirc FCV HPU leak in Drywell. Power ascension in progress at 9%, IOI-3 step 4.3.6, and 4.3.10.d, rods at step 28 gangs 40/39 at 8. Turbine is at 1800 RPM. SVI M56-T5417 is in progress, along with fuel moves in FHB to comply with NRC B.5.B. FHB integrity is established. Severe Thunderstorm watch is in affect for Lake County. OPRM's are Inoperable. Division 1 igniters Inoperable for SVI-M56-T5417, maintenance at step 5.1.1.30.

Turnover: Raise power with rods per IOI-3 and synch the Generator.

Event No.	Malf. No.	Event Type*	Event Description
1		R	Withdraw Rods to get at least 1.5 bypass valves open
2		N	Synch the Generator
3	trg 1, imf 1e31n040a	I	RWCU Pump room instrument fails high, TS 3.3.6.1
4	mv05:1g33f 004	C	G33F0004 Fails to Auto Isolate, Operator isolates TS 3.6.1.3
5	rf tc06	C	High Vibrations Main Turbine Bearing, Turbine fails to trip. Operator trips Main Turbine.
6	cb03:1n514 mcs	C	Generator Field Breaker Fails to open, Operator opens Field Breaker
7	trg 29 batch nrc-2007- 08b1	C/N	FHB Bridge Brake Failure, Damaged Spent Fuel Bundle. Enter PEI-D17, PEI-N11, ONI-D17, ONI-J11-2.
8	ior m40a lite on	C	M40 Supply fan fails to Trip on High Radiation, Operator stops fan.
9	trg 10	I	Loss of RFBP's on hot surge tank level instrument failure. No Feedwater
10	ry02 div 2 rp03 ari	M	PEI-B13 ATWS, Failure of RPS B and ARI to Scram, Pull Scram Fuses PEI-SPI-1.1 or insert rods per PEI-SPI 1.3.
11	sl05	C	SLC Pipe Break, SLC will not inject discharge pressure less than Reactor Pressure. Direct PEI-SPI 1.8 Alternate Boron Injection
12	bs01:692b/f, rc03 5 min.	I	RCIC Level 2 instrument failure, Ops arms and depresses. RCIC will trip 5 minutes after injection. High Pressure injection not available.
13	cb04:hpcs pump	C	HPCS Pump will not start automatically, start with switch.
14		M	Emergency Depressurize on Level, PEI-B13 ED. If all rods insert can restore level with HPCS and ED is not required.
* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor			

Op-Test No.: 2007-01		Scenario No.: 1	Page 1 of 23
Event Description: Raise Reactor Power and Synch Generator.			
Time	Position	Applicant's Actions or Behavior	
	SRO	IOI-3 step 4.3.6 has power increased until bypass valve 2 is at least 50% open. Directs RO to withdraw rods to meet desired power level.	
	ATC	Withdraws Rods per US direction, Should withdraw gangs 40, 39, 42 and 41	
	SRO	When at desired power directs BOP operator to synch generator.	
	BOP	Synchs generator per IOI-3 step 4.3.10.d to 4.3.27	
	NRC	Recommend after step 4.3.27 is complete to insert trigger 1 , Leak Detection instrument failure.	

Op-Test No.: 2007-01 **Scenario No.: 1** **Page 4 of 23**
Event Description: Damaged Fuel Bundle PEI-N11.

Time	Position	Applicant's Actions or Behavior
	Driver	Call Control Room as FHB Supervisor and report Bundle drop due to brake failure on bridge. Bundle damaged, FHB evacuated and all personnel are standing by in IB with Health Physics.
	BOP/ATC	Investigates numerous radiation monitor alarms, informs SRO that PEI-N11 is required. PEI-N11 entry on FHB Vent Exhaust Gas and FHB Area Radiation.
	SRO	Enters PEI-N11, Area radiation levels are greater than entry condition.
	SRO	Directs BOP operator to verify status of IB, Aux and FHB fans.
	BOP	Dispatches operator to verify IB and Aux Building Fans. Determines that FHB supply fan failed to trip. Trips fan and notifies Unit supervisor.
	Driver	After check of Fans inform Control Room that Aux Bldg HVAC is operating normally and IB Supply Fan is tripped , Exhaust Fans are normal.
	SRO	Proceeds thru Radiation Level Stop sign, answers NO to primary system discharging. Waits at stop sign for Two Max Safes to shutdown Reactor.
	Driver	After Radiation levels increases have timed out insert trigger 30 to begin slow decrease of radiation levels.

Op-Test No.: 2007-01 **Scenario No.: 1** **Page 6 of 23**
Event Description: Damaged Fuel Bundle ONI-J11-2.

Time	Position	Applicant's Actions or Behavior
	ATC/BOP	ONI-J11-2 Immediate action Make announcement to evacuate affected area.
	SRO	ONI-J11-2 Evaluate PEI-D17 for entry per step 4.2.1
	ATC/BOP	Continue to monitor plant Radiation Levels.
	SRO	ONI-J11-2 step 4.2.9 directs BOP to place a second G41 Filter Demin in service.
	BOP	Commences SOI-G41 section 7.4, directs an NLO to commence precoat of the filter demin.
	NRC	When ready move on to trigger 10, loss of Feedwater

Op-Test No.: 2007-01			Scenario No.: 1			Page 10 of 23		
Event Description: ATWS Level Leg								
Time	Position	Applicant's Actions or Behavior						
	SRO	PEI-B13 ATWS Level Control, Directs Terminate 5.1 and 5.2, directs preps per 6.1 and 6.2, and directs 2.3 and 2.8 to maintain MSIV's open.						
	BOP/ATC	Perform Terminate and Prevent per 5.1 and 5.2.						
	BOP/ATC	Recognize HPCS Pump failure to Auto Start. Start Pump with switch. HPCS prevented from injecting Critical Task .						
	BOP	Completes 6.1, 6.2, 2.3, 2.8 and Bypasses Low Power Setpoint for Rods per PEI-SPI-1.3						
	SRO	Answer No to 4-question override and power is above 4%, Orders Level Band of 50 to 100 inches.						
	SRO	Stops at step for level restored and maintained greater than minus 25 inches.						
	ATC	Recognize that RCIC failed to Auto start at Level 2 and start RCIC .						
	NRC	Operator may start RCIC prior to level 2.						
	ATC/BOP	Recognize RCIC trip. Report no high pressure injection available.						
	SRO	Briefs Crew on level limit before minus 25 inches when ED will be required.						
	SRO	If all rods are inserted, Exit ATWS to Non ATWS. Restore Level using HPCS.						

Op-Test No.: 2007-01

Scenario No.: 1

Page 16 of 23

Event Description: Scenario Termination Criteria

Time	Position	Applicant's Actions or Behavior
		1. All Control Rods are fully inserted or are being inserted
		2. RPV level is being maintained between 185 and 215 inches using HPCS if all RODS are inserted or
		RPV level is being maintained in the band directed by the SRO by Low Pressure ECCS systems if E.D. was performed and all RODS are not in.
		3. MSIV's are being operated to maintain RPV pressure either:
		- within a band as determined by the SRO, or
		- the RPV has been Emergency Depressurized

Op-Test No.: 2007-01			Scenario No.: 1			Page 18 of 23		
Event Description: Critical Task 2								
Time	Position	Applicant's Actions or Behavior						
		Critical Task 2 – With a reactor scram required and the reactor						
		not shutdown, to prevent an uncontrolled RPV depressurization						
		and subsequent power excursion, inhibit ADS						
		1. Safety Significance:						
		- Precludes core damage due to an uncontrolled reactivity addition						
		2. Cues:						
		- Procedural compliance						
		3. Measured by:						
		- ADS logic inhibited prior to an automatic initiation of						
		the ADS System unless all required injection						
		systems are terminated and prevented						
		- RPV pressure and level trends						
		- RPV pressure and level trends						
		- ADS “Out of Service” annunciator status						

<p>Op-Test No.: 2007-01 Scenario No.: 1 Page 21 of 23</p>		
<p>Event Description: Critical Task 5</p>		
Time	Position	Applicant's Actions or Behavior
		Note: This is a contingent critical task
		Critical Task 5 – When RPV water level cannot be restored and maintained
		> -25" and the reactor is at pressure, initiate Emergency Depressurization
		1. Safety Significance:
		- Maintain adequate core cooling
		2. Cues:
		- Procedural compliance
		- Level lowering without adequate high pressure injection available
		3. Measured by:
		- Observation – at least 5 SRVs open prior to
		re-establishing injection after terminate and prevent
		actions are completed
		4. Feedback:
		- Reactor pressure trend
		- Suppression Pool temperature trend

Facility: Perry

Scenario No.: 2

Op-Test No.: 2007-01

Examiners: _____ Operators: _____

Initial Conditions: Reactor Power 37%, power ascension in progress IOI-3 4.5.4.h. Rods at step 57 gang 44 at 12. Division 2 DG is in secured status with work complete. Circulating Water Pump C is OOS. Fuel moves in progress for NRC B.5.B concerns. Chemistry investigating possible tube leak in train D. SVI-R45-T2002 in progress. OPRM's are Operable. SVI-R10-T5227 is due in 6 hours for Division 2 DG.

Turnover: Align systems to support a Div 2 DG maintenance run, start ESW B and shift M25/26. Continue power ascension shift reactor recirc to fast speed and raise core flow to 58 mlbm/hr.

Event No.	Malf. No.	Event Type *	Event Description
1		R	Shift Reactor Recirc Pumps to fast and raise flow to 58 mlbm/hr.
2		N	Start ESW B and Shift M25/26 to Emergency Recirculation.
3	pt01:1e31n00 18b, 350	I	RHR B E31 instrument failure, TS 3.3.6.1
4	mv06:1e51f0 63	C	1E51F063 fails, loose indication, need to isolate penetration with E51F064, TS 3.6.1.3 and 3.5.3.
5		N	Report of Informational Airplane threat from NRC, ONI-P56-3
6	trg 10, batch nrc-2007-b33	C	Reactor Recirc pump B vibration and seal failure. Trip B pump and isolate B reactor recirc loop. ONI-C51 and insert cram rods if in immediate exit region.
7	rd16 at 20%	M	Scram Reactor on rising Drywell pressure (NON-ATWS). SDV rupture, Containment Pressure increases.
8	fw08c	C	Motor Feed Pump Failure, loss of oil. HPCS or RFPT's are level control.
9	mv04:1e22f0 04	C	E22F004 fails to auto open, If level 8 is exceeded on scram E22F004 will not open unless level 8 is reset.
10	mv06:1e12f0 028a	C	1E12F0028A fails to open for containment spray.
11	tf01:2s11 and 1s11	M	Loss of Offsite power, ONI-R10, DG picks up Div 1 and Div 3 bus. RHR B not available for Containment Spray
12		M	Emergency Depressurize prior to exceeding PSP
* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor			

Op-Test No.: 2007-01			Scenario No.: 2			Page 1 of 17		
Event Description: Shift Reactor Recirc to Fast, Start ESW B, and Shift M25/26 to Emergency Recirc.								
Time	Position	Applicant's Actions or Behavior						
	SRO	IOI-3 step 4.5.3.h, Transfer Reactor Recirc Pumps to Fast and 4.5.3.i increase core flow as directed by Reactor Engineering.						
	ATC	Shift Reactor Recirculation Pumps to fast speed, SOI-B33 section 7.5 and raise flow to 58 mlbm/hr						
	Driver	Reactor Engineer recommends bypassing the power interlock per 7.5.7.						
	Driver	Remote functions TH 6, 7, 8, and 9 for bypassing interlocks.						
	BOP	Shift M25/26 to Emergency Recirc SOI M25/26 section 7.5.						
	BOP	Start ESW B Pump SOI-P45 section 4.2						
	NRC	Initiate trigger 1 when ready, Leak detection instrument failure.						

Op-Test No.: 2007-01		Scenario No.: 2	Page 2 of 17
Event Description: Leak Detection Instrument Failure			
	Position	Applicant's Actions or Behavior	
	Crew	1E31N018B instrument failure , fails high on Division 2 NUMAC at 350.	
	BOPATC	Investigate Div 2 Numac A6-4 failed high at 350 degrees, ARI's 1H13P601-20-D5, 601-21 C5,	
	BOP/ATC	Verify isolations from failed instrument E12F037B, F009, F053B, F060A, F060B, and F049 all closed prior to signal. E12F073B, E51F076 and E51F063 close.	
	BOP/ATC	1E51F063 failed to close and lost power , RCIC out of service. Close 1E51F064	
	SRO	Tech Spec 3.3.6.1.3.h for failed instrument, 3.6.1.3 for penetration and 3.5.3 for RCIC. Close and deactivate 1E51F064 within 4 hours. Verify HPCS within 1 hour.	
	BOP	Closes 1E51F064 and dispatches NLO to open disconnect.	
	Driver	E51F063 EF1D07-XN, blown fuse.	
	NRC	Move on to next event when ready, NRC phone call airplane threat	

Op-Test No.: 2007-01			Scenario No.: 2			Page 3 of 17		
Event Description: ONI-P56-3								
Time	Position	Applicant's Actions or Behavior						
	Driver	Contact Control Room as NRC an issue an informational airplane threat for midwest nuclear plants						
	SRO	Informational aircraft received from the NRC, enter ONI-P56-3.						
	SRO	Perform immediate action attachment 4, notify NRC						
	BOP/ATC	Perform immediate action attachment 3, plant announcement.						
	SRO	Direct isolation of G33 containment penetrations.						
	BOP	Isolate G33 valves at P881 and P882 and verify RWCU pumps trip. 4.1.2-4.1.5						
	SRO	Suspend Fuel handling in FHB step 4.1.7						
	SRO	Direct BOP to verify M21, M23/24 and M25/26 in Emergency Recirc and to shutdown M27.						
	BOP	Dispatch operator to shift M21, M23/24 and to shutdown M27. M25/26 is already in Emergency recirc.						
	Driver	For Plane Threat all personnel evacuate site, no support organizations.						
	NRC	When ready move on to trigger 10, Recirc Pump B seal leak and high vibrations.						

Op-Test No.: 2007-01			Scenario No.: 2			Page 15 of 17		
Event Description: Critical Task 2								
Time	Position	Applicant's Actions or Behavior						
		Critical Task 2 – With Containment pressure exceeding 2.25 psig,						
		and prior to exceeding the Pressure Suppression Pressure, attempt						
		to initiate Containment Spray						
		1. Safety Significance:						
		- Precludes an unrequired Emergency Depressurization						
		2. Cues:						
		- Containment pressure increase						
		- Procedural compliance						
		3. Measured by:						
		- Observation – With Containment pressure at least						
		2.25 psig, Containment Spray is manually initiated						
		prior to exceeding the Pressure Suppression						
		Pressure						
		4. Feedback:						
		- “Containment Spray Start Signal Received” alarm status						

Facility: Perry

Scenario No.: 3

Op-Test No.: 2007-01

Examiners: _____ Operators: _____

Initial Conditions: Reactor Power 56%, power ascension in progress IOI-3, 4.5.21. Rods at step 56 gang 48 at 24. P43 B is OOS for Oil change. P41B is OOS for Seal Line blockage. P47C is OOS, work is complete and package with Shift Engineer. SVI-E31-T083A prereqs in progress. RFPT A has a small oil leak. Severe Thunderstorm watch is in affect until 1800. Feedwater leak on B FW venturi is degrading, Team Inc investigating sealing. OPRM's are Operable.

Turnover: Shut RFPT A down per SOI-N27 section 7.39 for oil leak repair. Continue Power Ascension with rods to 62% power and hold for IOI-3 actions.

Event No.	Malf. No.	Event Type*	Event Description
1		R	Withdraw control rods to 62% power, ensure load line is greater than 75%
2		N	Shutdown RFPT A.
3	cb01:p41d trg 1	C/N	Trip of Service Water Pump D, ONI-P41, Start Service Water Pump C
4	nm04a to 125%, trg 2	I	APRM A fails upscale, AFDL in Control. Lock up FCV's. TS 3.3.1.1 and 3.4.1.
5		R	Load line 75% and flow less than 42 mlbm/hr insert cram rods per ONI-C51
6	trg 3, cu04 aux leak, cu05 stm tunnel leak	M	RWCU Leak, G33F0004 and G33F001 fail to isolate, Scram on primary system discharge per PEI-N11. ATWS on scram, Level Feed, Pressure Bypass until MSIV's close on steam tunnel temperature.
7	ior in timer skip off	C	Insert Rods Per PEI-SPI 1.3, In Timer Skip fails, insert with insert button.
8	ior e22f004 auto	C	HPCS Injection valve fails to close, stop HPCS pump to prevent injection.
9		M	Emergency Depressurize two Max safe Temperatures.
10	ior 41e and 47h auto	C	Two ADS SRV's fail to open. Open two additional SRV's.

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

Op-Test No.: 2007-01			Scenario No.: 3			Page 4 of 23		
Event Description: APRM A Upscale, ONI-C51								
Time	Position	Applicant's Actions or Behavior						
	SRO	Nuclear instrumentation is failed, direct BOP to bypass APRM A and reset half scram. Evaluate Tech Spec 3.3.1.1 and ORM 6.2.1						
	BOP	Bypass APRM A and reset half scram.						
	SRO	Tech Spec entry for 3.3.1.1 and ORM 6.2.1 is not required still have minimum channels. PLCO required.						
	SRO	Directs BOP to restart HPU's						
	BOP	Commences restart of HPU's per SOI-B33 section 4.2 and 4.3. Note HPU Restart is not required for scenario.						
	SRO	Works through middle column of ONI-C51 decision diamonds. Evaluates additional ONI's for entry and references IOI-3 actions needed for power change.						
	NRC	When ready initiate trigger 3, RWCU leak.						

Op-Test No.: 2007-01		Scenario No.: 3	Page 8 of 23
Event Description: ATWS Level Leg			
Time	Position	Applicant's Actions or Behavior	
	SRO	Directs Terminate and Prevent per 5.1 and 5.2. directs preps per 6.1 and 6.2, and directs MSIV open per 2.3 and 2.8. Directs bypass of low power setpoint.	
	BOP/ATC	Terminate and Prevent per 5.1 and 5.2. Terminate HPCS Critical Task, 1E22F004 will fail to terminate stops pump.	
	BOP	Preps per 6.1 and 6.2, maintains MSIV's open per 2.3 and 2.8 and bypasses low power setpoint.	
	SRO	Answer No to 4 question override, Power above 4%. Directs a Level Band of 50 to 100 inches.	
	ATC	Terminates Feedwater injection until level in band of 50 to 100 inches. Once in band maintains level band with feedwater.	
	ATC/BOP	Verifies RCIC operation at Level 2 or RCIC trip due to high room temperature.	
	BOP/SRO	Continue to monitor PEI-N11 temperatures for two Max Safes. 284 in RWCU Room and 310 in Steam Tunnel.	

Op-Test No.: 2007-01		Scenario No.: 3	Page 9 of 23
Event Description: ATWS Pressure Leg			
Time	Position	Applicant's Actions or Behavior	
	SRO	Pressure Band of 800 to 1000 psig.	
	ATC	Maintain pressure with Bypass valves.	
	SRO	When MSIV's isolate, SRV Cycling answer remains No, Below HCL is Yes and Boron required and MSIV closed is Yes. MSIV's can not be opened pressure band should remain 800 to 1000.	
	ATC	Maintain 800 to 1000 on SRV's.	
	BOP/SRO	Continue to monitor PEI-N11 temperatures for two Max Safes. 284 in RWCU Room and 310 in Steam Tunnel.	

Op-Test No.: 2007-01			Scenario No.: 3			Page 17 of 23		
Event Description: Critical Task 3								
Time	Position	Applicant's Actions or Behavior						
		Critical Task 3 – With a reactor scram required and the reactor						
		not shutdown, to prevent an uncontrolled RPV depressurization						
		and subsequent power excursion, inhibit ADS						
		1. Safety Significance:						
		- Precludes core damage due to an uncontrolled reactivity addition.						
		2. Cues:						
		- Procedural compliance						
		3. Measured by:						
		- ADS logic inhibited prior to an automatic initiation of						
		the ADS System unless all required injection						
		systems are terminated and prevented						
		4. Feedback:						
		- RPV pressure and level trends						
		- ADS “Out of Service” annunciator status						

Facility: Perry

Scenario No.: 4

Op-Test No.: 2007-01

Examiners: _____ Operators: _____

Initial Conditions: Reactor Power 80%, Operating per IOI-3 attachment 3 power increase to 100%. RFPT B has been returned to service. LH-2-A Transformer is out of service and EH21 outage is in progress, scheduled to complete later today. Chemistry investigating possible tube leak on D train. Team Inc investigating possible seal injection for degrading leak on FW B venturi. OPRM's are Inoperable.

Turnover: Shutdown Motor Feed Pump to Standby and continue power ascension with flow to 100%. SVI-C61-T1104 is in progress.

Event No.	Malf. No.	Event Type*	Event Description
1		N	Shutdown Motor Feed Pump to standby
2		R	Raise Reactor Power with flow
3	trg 1, rd13a, 22-31, 34-03, 50-31, rd05	C/N	CRD suction filter clog, CRD pump trip, ONI-C11-1, 3 accumulator faults 20 minutes to restore TS 3.1.5
4	pt01:1c34n00 4b, trg 2	I	C34N004B fails upscale, Bypass instrument, ORM 6.2.13
5	trg 5, mc01a, rd15 atws	M/R	Vacuum Leak, Reactor Scram, ATWS, MSIV's A, B and D isolate on degrading vacuum.
6	ms01c/g	C	MSIV Line C fails to isolate, inboard valve will isolate with switch.
7	ior arm to disarm	C	Terminate/Prevent for HPCS fails, will need to perform at level 2 initiation.
8	ior 1e12f042c	C	LPCI C injection valve will fail to override. Must secure RHR C pump.
9		M	Emergency Depressurize on HCL
* (N)ormal, (R)eactivity, (I)nstrument, (C)omponent, (M)ajor			

Op-Test No.: 2007-01			Scenario No.: 4			Page 1 of 25		
Event Description: Power Ascension and Shutdown Motor Feed Pump to Standby								
Time	Position	Applicant's Actions or Behavior						
	BOP	Shutdown Motor Feed Pump to Standby, SOI-N27 section 6.1.						
	Driver	Remote Function FW72 for Motor Feed pump casing warmup valves.						
	SRO	IOI-3 Attachment 3 Power Maneuvering, step 1.8.3 raise power with flow.						
	ATC	Raise Power with flow.						
	NRC	When ready initiate trigger 1, control rod drive pump trip						

Op-Test No.: 2007-01			Scenario No.: 4			Page 2 of 25		
Event Description: CRD Pump Trip								
Time	Position	Applicant's Actions or Behavior						
	BOP	CRD suction filter DP high, ARI H13-P601-22-H3, shift per SOI-C11(CRDH)						
	BOP	CRD Pump Trip						
	BOP	Dispatch NLO and direct NLO to Shift Suction filters or bypass filters						
	SRO	Enter ONI-C11-1 on CRD Pump Trip, directs pump trip recovery SOI-C11, 7.6						
	ATC	Reports Accumulator Faults, dispatch operator to check HCU pressure.						
	BOP	After suction filter shift or bypass valve open, can recover either CRD A or B, if fail to wait for new filters pump will trip upon start.						
	SRO	TS 3.1.5 or ONI-C11-1, upon second accumulator fault, start 20 minute clock for mode switch to shutdown. Per step 4.2 on second accumulator fault.						
	ATC	Reports the 3 accumulator faults and marks time. 20 minute clock starts on second fault.						
	BOP	Recovers CRD Pump per SOI-C11 section 7.6.						
	ATC	Report accumulator faults reset						
	Driver	Reset accumulator faults on CRD pump start.						
	NRC	when ready trigger 2 can be initiated at any time, Feedwater level instrument fails.						

Op-Test No.: 2007-01		Scenario No.: 4	Page 4 of 25
Event Description: Loss of Vacuum			
Time	Position	Applicant's Actions or Behavior	
	ATC/BOP	High Off Gas flowrates, respond to a number H13P845 alarms.	
	BOP	Report Off Gas Flow is high and rising steadily. It will go to high peg on recorder, N64R620 both pens.	
	ATC	Reports degrading vacuum	
	SRO	Enter ONI-N62	
	SRO	Direct Power Reduction.	
	ATC	Reduce power with flow to 58 mlbm/hr or as directed by Unit Supervisor.	
	SRO	Vacuum continues to degrade, direct scram reactor prior to turbine trip at 8.1"	
	NRC	at 8.1" turbine trips, at 11.5" RFPT's trip, at 20" bypass valves shut, at 21.5" MSIV's close.	

Op-Test No.: 2007-01			Scenario No.: 4			Page 17 of 25		
Event Description: Critical Task 2								
Time	Position	Applicant's Actions or Behavior						
		Critical Task 2 – With a reactor scram required and the reactor						
		not shutdown, to prevent an uncontrolled RPV depressurization						
		and subsequent power excursion, inhibit ADS						
		1. Safety Significance:						
		- Precludes core damage due to an uncontrolled						
		reactivity addition						
		2. Cues:						
		- Procedural compliance						
		3. Measured by:						
		- ADS logic inhibited prior to an automatic initiation of						
		the ADS System unless all required injection						
		systems are terminated and prevented						
		4. Feedback:						
		- RPV pressure and level trends						
		- ADS “Out of Service” annunciator status						

