

2009 Clinton ILT
Operating Test Comments

Admin JPMs (ES-301-1):

Comment	Resolution
<p>General Comments: 1) Verify KAs 2) Make sure Function Area agrees with generic KA area. 3) Compare with audit and last 2 NRC exams. 4) Several JPMs have low LOD.</p>	
<p>Admin JPM Comments: 1) Verify KAs 2) Make sure selected KA area agrees with JPM performed. 3) Compare with audit and last 2 NRC exams.</p>	
<p>ADMIN RO 1a, CoO, JPM 102 Mode Change-Going to RUN 1) JPM Step 1: delete "...are..." 2) JPM step 2, comments, second bullet appears to be fragmented.</p>	<p>1) Delete "are", will revise procedure also. 2) Will correct phraseology. 3) Changed set up to include two keys inserted into test prep switches but not repositioned.</p>
<p>ADMIN RO 1b, CoO, JPM 105 Complete CRW Checklist - Mode 3 ERRATA: 1) JPM step 2 CUE: redundant statement.</p>	<p>1) Corrected.</p>
<p>ADMIN RO 2, EC, JPM 117 Print Reading-Tagout Verification 1) ERRATA: Task standard states "...two tagged positions are incorrect..", but should be "...one tagged position incorrect and one incorrect component identified..." 2) Identify the component position in the JPM steps.</p>	<p>1) Incorporated comment. 2) Component positions added in the JPM body.</p>
<p>ADMIN RO 4, EP, JPM 101 Prepare ENW Form</p>	<p>1) Key made 2) Spell out ENW</p>
<p>(-1) ADMIN SRO 1a, CoO, JPM 118 Exceeding OT Limits</p>	<p>1) Removed third RO in evaluation. 2) Changed key from "or" to "and" on the deviation. 3) Revised cue.</p>
<p>ADMIN SRO 1b, CoO, JPM 113 Verify Mode Change Conditions 1) JPM step 2: Where is Step 9.10 of CPS 3001.01C001? 9.9?</p>	<p>1) Should be 9.9. 2) Changed standard on step 3 3) Changed comments on step 3 4) Changed standard on step 4 5) Signed on signature page for 3001.01C001/2 6) Signed for notifications and permission to startup. 7) Marked SX MOV TPS in normal on 3001.01 App B</p>

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ADMIN SRO 2, EC, JPM 114 Review RPI Surveillance	<ol style="list-style-type: none">1) Added reference2) Changed cue step three3) Changed attachment
ADMIN SRO 3, RC, JPM 115 Redirect Worker in a HRA	<ol style="list-style-type: none">1) Changed cue for the EO
ADMIN SRO 4, EP, JPM 116 Determine PAR 1) ERRATA: Critical time is less than 15 min because have to allot time for filling out notification form and making call. Suggest 10 min as more realistic time to do the evaluation.	<ol style="list-style-type: none">1) Incorporate comment.2) Changed step 2

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System JPMs (ES-301-2):

System JPM Comments: 1) Verify KAs 2) Make sure Safety Function Area agrees with JPM performed. 3) Compare with audit and last 2 NRC exams.	Resolution
JPM a. SIM JPM 110 Reset RR FCV Lockup (1-D,S):	1) Added setup step.
JPM b. SIM JPM 111Shutdown HPCS (2-A,D,EN,S):	1) Changed cue from "is" to "was" at full power.
JPM c. SIM JPM 107 Blowdown due to high Drywell Temperature (3-A,D,EN,L,S): 1) JPM step 1: What is correct action for depressing the ADS Logic pushbuttons, ie, have to do both at same time, or can they be done sequentially?	1) Can do one at time. 2) Added tailpipe temperatures and print screen for tailpipe temperatures.
JPM d. SIM JPM 112 RCIC Restart (4-A,D,EN,L,S): 1) JPM step 6 critical? Cue was to establish 600 gpm flow, step 6 adjusts F013 to obtain 600 gpm.	1) Made Step 6 critical.
(-1) JPM e. SIM JPM 207 Place RHR in Containment Spray (5-A,D,EN,L,S):	
(-1) JPM f. SIM JPM 103 Crosstie 480V Busses (6-N,S):	
JPM g. SIM JPM 104 Determine Shutdown Criteria (7-A,L,N,S):	1) Initial cue change 2) Step two changed cue
JPM h. SIM JPM 106Startup CCP (8-A,D,P,S):	1) Changed the setup for the switch
JPM i. IP JPM 223 Valve in ADS backup Air Bottles (6-D,E,L,R):	
JPM j. IP JPM 022 Vent PC (5-D,E,L,R)	
JPM k. IP JPM 108 Lineup WT for MVP (3-D,E,L,R):	1) Changed step 8.2.1.2 to clearly show placing both HX in service.

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Scenarios:

Comment	Resolution
Overall Comments:	
<ol style="list-style-type: none"> 1. Expedite scenarios by having the operator(s) do their reactivity briefs and reviews / calculations prior to taking the shift. 2. Provide a formalized turnover sheet to crew. 3. Capture/collect data for each scenario (all operator logs / paper, chart data) at end of each scenario. 4. Clarify termination criteria at end of each scenario. 5. Include the applicable Tech Specs in the event summary on cover page (ES-D-1). 6. Expand the specific actions taken by the crew and any limits they need to observe, identify controllers/switches/breakers to be manipulated, clarify positions/panels/expected alarms. 	Done
SCENARIO 1: GENERAL: Expand the specific actions taken by the crew and any limits they need to observe, identify controllers/switches/breakers to be manipulated, clarify positions/panels/expected alarms.	1) Turnover sheet: Changed run time from 2 to 4 hours; "Lower power with flow within the next hour to support removal of A TDRFP."
Event 7:	BOP last bullet is now an open bullet.
Events 8,9,10:	Second page, added clearer EOP direction
SCENARIO 2: GENERAL: Expand the specific actions taken by the crew and any limits they need to observe, identify controllers/switches/breakers to be manipulated, clarify positions/panels/expected alarms.	Changed triggers to match the lesson plan in the simulator
Event 1	Added expected alarm and information
Event 2	Added expected alarm and information
Event 4	Added expected alarm and information; Note spelling error
Event 5	Added information
Event 6: As noted on ES-201-2, 2b. by the licensee, this is a repeat event on the audit exam.	Five scenarios developed for audit, five for exam, ran out of C/I events that would fit. Had to repeat one event from audit.
SCENARIO 3: GENERAL: Expand the specific actions taken by the crew and any limits they need to observe, identify controllers/switches/breakers to be manipulated, clarify positions/panels/expected alarms.	
Event 1	Added information

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Event 2	Added information
Attachments	Changed move sheets to reflect single rod withdraw only
SCENARIO 4: GENERAL: Expand the specific actions taken by the crew and any limits they need to observe, identify controllers/switches/breakers to be manipulated, clarify positions/panels/expected alarms.	Changed Role play to included shut down actions Shift turnover information: Trip risk is Yellow; Maintenance is regular maintenance not PMT.

Admin JPMS 9 (-5)
System JPMS 11 (-2)
Scenario 1 Events 11
Scenario 2 Events 10
Scenario 3 Events 10
Scenario 4 Events 8 (-1)
TOTAL 59 8/ 59 X 100 = 13.6%