# CHANGES TO THE OPERATING EXAM SINCE THE INITIAL SUBMITTAL

## Control Room/In-Plant Systems

### JR012.008 Borate RCS for SDM

Change:     Made Step 4 (Reset SI) Critical

Reason:     Resetting SI necessary to complete the actions

### JR005.009 Establish S/G Cooling per AP-RHR.1

Change:     Steps 5 (Start RHR), 9 (RCS Closed), and 10 (Monitor RCS Temp) made critical

Reason:     Each is a required transition in the procedure

### JR010.003 Depressurize RCS using $N_2$

Change:     Deselected Alternate Path on this JPM

Reason:     Test item did not provide sufficient discrimination when used as an alternate path

### JR029.001 Startup the CNMT Mini Purge

Change:     Made step 3 not critical

Reason:     The step verifies an expected condition; no operator action needed

### JC063.001 Align TSC Battery to Main Fuse Cabinet 1B

Change:     Steps 3 and 5 not critical

Reason:     The steps verify normal conditions, no operator action needed

### JC103.007 Attachment CI/CVI

Change:     Removed SOV-922 from list of valves to isolate

Reason:     All valves now in RCA; improves efficiency of JPM administration

JR001.008 Calculate SDM for an Operating Reactor with an Untrippable Rod

Change: Modified JPM to allow its use in classroom without needing the plant or simulator

Reason: Improves efficiency of JPM administration


JR015.001 Manually Calculate QPTR

Change: Modified JPM to allow its use in classroom without needing the plant or simulator

Reason: Improves efficiency of JPM administration


JR352.001 Monitor Critical Safety Function Status Trees

Change: Modified JPM to allow its use in classroom without needing the simulator and change critical step so that only abnormal conditions are critical

Reason: Improves JPM administration efficiency; normal (GREEN path) conditions not critical

<u>SRO Admin. Exam</u>

JS343.003 Shift Staff Emergency Call-In

Change:     Rewrote JPM to focus on overtime limits and to have explanation of reasons for rejection

Reason:     Better discrimination

JS341.001 Loss of Safety Function Determination

Change:     Added more Out of Service Equipment

Reason:     As written, the safety function determination was too straight-forward and non-discriminatory; additional OOS equipment adds realism and requires more analysis

<u>Simulator Scenarios</u>

Scenario 04-2

Changes:     1) Added "A" Charging Pump OOS at beginning of scenario
             2) Moved Hotwell Level Failure to later in the scenario

Reasons:     1) Given more actions for the operator to perform when offsite circuit is lost
             2) If the operator fails to take action in time, to limit the effect on the scenario of
                the resulting Rx Trip


Scenario 04-3

Changes:     1) Insert PT-429 Failure as an existing condition at the beginning of the scenario
             2) Move Charging Pump Speed Failure earlier in the scenario

Reasons:     1) Required to cause an inadvertent SI later in the scenario but by itself does not
                add to the evaluation since the SRO is a substitute
             2) Slow Transient, moved forward to give more time to see the event