

## Operating Test Comments

### Simulator/Control Room JPMs:

Suggest placing procedure number next to the associated JPM Step (at least for the critical steps). **Where possible – will do**

Suggest using valve nomenclature along with numbers. **Where possible – will do.**

- a. Excess Letdown Operation  
-JPM Step 1. What is (an) EST? **Equipment Status (depends on plant for T)**
- b. Letdown Orifice Operation  
-NOTE after JPM Step 1.: If the applicant receives any of the listed alarms, he/she fails, or only a comment on the applicant's competency? **Only a comment.**  
-Pay attention during validation, the JPM performance steps jump all over in the procedure. **JPM validated well. No issue with jumping within the procedure.**
- d. Align SX Twr for LOCA Conditions (alt path)  
-Per the procedure, it appears that the applicant would start 7 of 8 fans, then identify one fan does not start. And with seven fans running and temperature greater than 76 degrees, why would the applicant stop all but two fans? **Step requires <6 fans AND T>76°F.**
- f. Synch a SAT to Bus Being Fed by DG  
– Missing JPM Step 12 for stabilizing DG load? **Stabilized by itself – no additional step was needed.**
- g. Change RM-1 Setpoints in Preparation for WGDT Release  
-also used on 2012 Admin, Change RM-1 Setpoints in preparation for U-1 Containment Release **The JPM was significantly modified requiring repositioning of equipment. Therefore, it was a System JPM**

### Inplant JPMS

- i. Trip The Reactor Outside the Control Room (alt path)  
**Is the JPM really Time Critical? Ans: Is not included with time critical items as detailed in OP-BY-102-106. Starting Emergency Boration is. Removed time critical portion from JPM. JPM validated satisfactory.**
- j. Place Battery on Equalize Charge (alt path)  
-do you want to stop at F.6 or finish the procedure? **Stop after F.6.**
- k. Align FP Cooling for \_\_\_ CV Pp **JPM was sat as is.**

### Admin JPMs RO

#### RA-1b

-are applicants going to read data from meters? If so, want to make sure they all start with same indications, ie, don't reset simulator in between JPMs. **The applicants read meters. If a reset occurs, the examiner will need to check the applicant's work for accuracy.**

#### RA-2

-package did not contain the pre-error Worker Tagout checklist in order to verify the JPM **JPM validated correctly. All material was provided.**

## Admin JPMs SRO

JPM SA-1a: Validated poorly. **Replaced JPM with a different JPM.**

SRA-1b

delete Initial Condition 3. It is part of the Initiating Cue. **Corrected**

SA-3: Noted time critical element in JPM. **Added time critical element based on time requirement associated with LCOAR.**

**Scenarios** NRC Question: Will ReMa's come with all power maneuvers? Ans: Depending on the maneuver. Made several minor revisions to sim sets and JPMs based on validation. These minor changes do not change the intent of any actions. They were made for clarification.

No Low power scenario ( $\leq 5\%$ ); had one 12% in 2010. **New exam author for 2014. Need to remind there will need to be a low power scenario.**

### Scenario 1

-why does RO get credit for failure of 1A and 1B RHR pumps to auto start during Event 9? **The exam author assigned credit to the RO based on not knowing who will actually perform the task at this point. The BOP operator may be performing Attachment B and not available to complete other actions. The examiners will have to assign credit post-scenario. This action was actually a copy/paste error. The RHR pumps do not fail to start in this scenario.**

### Scenario 2

-why does RO get credit for failure of MT to trip during Event 9? **The exam author assigned credit to the RO not knowing who will actually perform the task at this point. The BOP operator may be performing Attachment B and not available to complete other actions. The examiners will have to assign credit post-scenario.**

### Scenario 3

-why does all of crew get credit for Event 8? **The exam author assigned credit to the crew based on not knowing who will actually perform the task at this point. The BOP operator may be performing Attachment B and not available to complete other actions. The examiners will have to assign credit post-scenario.**

After validation of the scenarios, it was determined that the spare scenario would be used vice the provided #1 scenario. Scenarios were re-numbered so scenario 2 is now scenario 1, scenario 3 is not scenario 2, and the spare scenario is scenario 3. The original scenario 1 is now the spare scenario.

**Changed set 3 to 75 % power and ramp down from 56% power and ramp up.**

**Changed DRPI T/S call on set 3**