

ANO1 Unit 1 Draft Operating Test Comments

NOTE: This summary is being provided in lieu of Form 2.3-3, "Operating Test Review Worksheet," because the licensee's operating test submittal was reviewed and overall deemed SATISFACTORY.

Scenario 1:

- Event 1: Complete BOP actions for starting P14A
- First TS; add functions 3,4 and 5. Add one hour actions to bypass A + give BOP credit
- Event 3: Obtain final resolution on expectations for SU2 position for 143-1,143-2
- D1 and Page 22: MSLI NOT a critical task

Scenario 2:

- Narrative should be 95% power
- Align page numbers
- Retest/validate event 1
- TS table add functional level requirements
- Event 4 – verify/validate the need for SG level control to be in hand

Scenario 3:

- Events 1 & 2: resolve ARTS reset (lightbulb issue)
- Events 3 & 5: Verify TS calls
- Delete Event 6B (no actions required)

Scenario 4: N/A

JPM S1 (a):

- Task standard appears structured well to critical tasks
- Upgrade candidate

JPM S-2 (b):

- Change validation time to 3 minutes
- Upgrade candidate

JPM S-3 (c):

- Step 3 not critical
- Change validation time to 6 minutes
- End JPM after bay level rising
- Perform with (f); (f) first and staggered

JPM S-4 (d):

- No comments

JPM S-5 (e):

- Delete what the procedure “states” in the initial conditions
- Change validation time to 5 minutes

JPM S-6 (f):

- Change validation time to 6 minutes
- Perform with (c); (f) first and staggered

JPM S-7 (g):

- Change validation time to 8 minutes
- Three handouts make three different colors
- Delete “per step 13.0 of Reactor Trip 1202.01”

JPM S-8 (h):

- Change validation time to 5 minutes

FOR ALL INPLANT JPMs

- Ensure personnel available to ensure sufficient transfer of applicants
- Ensure RP and Shift Manager informed exam taking place
- Upgrades AM; RO's pm; all applicants perform RCA JPMs first to ensure total time in RCA minimized

JPM P-1 (i):

- Change validation time to 7 minutes
- Note steps 1-3; 4-5 can be performed in any order

JPM P-2 (j):

- Change validation time to 8 minutes
- Add procedural steps in examiner guide
- Step 2 – Breaker D21-30 cued by examiner

JPM P-3(k):

- Change validation time to 13 minutes
- 3.3.1 should be 8.3.1 on cue sheet

JPM A-1:

- Discussed GPM margin to ensure appropriate

JPM A-2:

- Discussed methodology for margins and determination of critical steps
- Modified to shorten redundant tasks

JPM A-3:

- Discussed what additional tags may be allowed above the minimum and still be satisfactory

JPM A-4:

- Discussed margins
- 2.10 to 2.14 in task standard

JPM A-5:

- Discussed methodology for determining critical steps
- Change validation time to 10 minutes

JPM A-6:

- Modify examiner note (if turned in after first error identified) to ask applicant to identify all errors associated with the document
- Modified to shorten redundant tasks

JPM A-7:

- A-6 and A-7 should probably be administered on separate days

JPM A-8:

- Unsat JPM (replaced satisfactorily)

JPM A-9:

- No comment