

## **Grand Gulf 2020-02 Draft Operating Test Comments**

NOTE: This summary is being provided in lieu of Form 301-7, "Operating Test Review Worksheet," because the licensee's operating test submittal was reviewed and overall deemed SATISFACTORY.

### Scenario 1:

- Specify MOL on D1
- Event 7 - add "4 minutes after" (Pg. 5)
- Event 8 - trigger at -100 (Pg. 5)
- Event 8 (Pg. 1) add "lockout"
- Event 1 – TS 3.7.2 does NOT apply
- Event 3 – list CR to be manipulated
- Event 4 – Add 3.3.6.4 TS to D2
- Event 7 – increase leak size to 1.0 at -60"
- All Events – ensure CT's are labeled consistently

### Scenario 2:

- Specify MOL on D1
- Pg. 8 – add booth note that other operators will address 1 hour LCO
- Pg. 13 – add note that TS 3.1.3 applies for only CR 60-37 (because of location of air leak)
- CT-2 NO LONGER a critical task
- Bound CT-1 to prevent MSIV closure

### Scenario 3:

- Event 1 – time 9 – delete bullets 2, 5, and 6
- Event 1 – add TS 6.7.3 to D1
- Event 3 – time 24 – for pressure, add panel number and indicator
- Event 3 – time 29 – add TRM 3.5.1
- Event 4 – change leak from 25% to 15%
- Event 6 – time 47 – add "and/or RCIC" after "HPCS"

### Scenario 4:

- Specify MOL on D1
- Add initial TS references to D1 and turnover sheet
- Remove TS 3.3.5.3-1 from Event 3
- Event 4 – revise note on page 18 to say 3<sup>rd</sup> control rod (not 4<sup>th</sup>)
- Event 4 – time 32 – add CR's to be inserted

- Event 4 – time 31 – add “and parameters” after “pumps”

JPM S1:

- Initiating cue: The CRS directs you to...transfer reactor recirc IAW ...etc.
- Initiate AP at 40%
- Indicate step 1 already complete

JPM S-2:

- No comments

JPM S-3:

- Step 8 cue add after report, “and direct to verify high drywell pressure response.”

JPM S-4:

- No comments

JPM S-5:

- No comments

JPM S-6:

- No comments

JPM S-7:

- No comments

JPM C-1:

- Provide illustrations and mock-up for simulator administration

JPM P-1:

- Specify difference between orange lights and orange targets

JPM P-2:

- How is fire door kept open? (need to know post-exam)

#### JPM P-3:

- Step 7 – add EDG is shutting down
- Step 8 – ensure attachment has procedure to place EDG in maintenance

#### JPM AS-1:

- Add 10 CFR reference to task standard

#### JPM AS-2:

- Change validation time to 15 minutes
- Change summary to two critical steps
- Step 3 cue – if needed, specify air isolation valve inoperable

#### JPM AS-3:

- Add answer key and as given handout
- Change summary to two critical steps
- Add task standard bullet to be IAW answer key
- Change validation time to 15 minutes

#### JPM AS-4:

- Replace JPM with emergency dose entry JPM. As written, too close to an emergency plan evaluation

#### JPM AS-5:

- Replace JPM. While it appears desirable on the surface to have the SRO's classify the event on one of their simulator scenarios, varying performance by the applicants (i.e. a missed critical task) could result in different plant conditions at scenario termination, which could also result in differing emergency classifications between JPMs. Test EP classification as part of the written exam and make new AS-5 a protective action recommendation.
- In replacement JPM, revise task standard for ONLY C, D, and E to 10 miles per answer key

#### JPM AR-1:

- Step 3 and 4 – change 05-1-02-III-3 to 05-1-02-III-6
- Step 4 – add actual values in standard for power and flow +/- 2%
- Modify task standard to be consistent with above Step 4 change

- Add feedwater temperature to cue (normal for plant conditions)

JPM AR-2:

- Add marked up attachment 1 in step 1 and specify “per attachment 1” in step 1
- Step 2 – RCIC not running per narrow range requirements
- Step 3 – HPCS not injecting due to wide range requirements
- Step 3 – revise task standard to determine HPCS running but not injecting due to WR level > 53.5”
- Add box for HPCS and RCIC to specify injection/running and have applicant denote status
- Revise to have three critical steps in summary

JPM AR-3:

- Step 2 – add actual value in standard
- Task standard – add values to first two bullets; bullet 3 delete “the individual’s supervisor recommends,” delete bullets 4 and 5

JPM AR-4:

- Change summary to 6 critical tasks
- Step 3 – change TTB to time to 200 degrees
- Task standard last bullet delete “approximately” and specify “+/- 1 hour”