

Wolf Creek 2021-10 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:

- Correct D1 with following corrections; delete TS 3.3.1 Function 7 from event 2, event 2 is for "ALL", Change event 3 to ATC/CRS, change event 5 type to a "C" instead of a "M"
- Event 1, add that the ATC may throttle HC-182 closed and place PZR backup heaters on before entering ALR 00-42E
- Event 1: add to event termination "or when controllers are in auto"
- Event 2: add ATC may place rods in manual and the crew may enter ALR-79C in addition to entering OFN SB-008
- Event 2: A to event termination "or when R8 completed"
- Event 4: Add that the applicants may decide to place the rods in manual during the down power
- Event 4: Add booth operator to make a call as Call Superintendent to CRS directing turbine unloading
- Event 5/6/7/8: add that applicants may proactively shut the MSIV before they auto close
- Event 5/6/7/8: Change the time to isolate the seals in the field to 3 minutes instead of 10 minutes

Scenario 2:

- Correct D1 by deleting LCO 3.8.9 Condition B from event 2
- Change critical task 2 by deleting AB-V082 from measurable performance standards
- Change critical task 3 to "commence depressurization of the RCS to meet the following criteria"
- Event 1: add to v2 that the ATC may place letdown and charging controllers in manual and throttle HC-182 closed prior to entry into OFN SB-008
- Event 1: ATC may place PZR heaters to auto
- Event 2: Add LCO 3.8.7 A
- Event 2: add to termination criteria to go to next event when B33 is completed
- Event 3: Correct spelling error "INSTRUMETN"
- Event 4: change "yes, 3%/min" to "yes"
- Event 5/6/7: crew may decide to trip and actuate SI instead of using foldout page based on operational knowledge of how bad the tube rupture is by looking at SG levels
- Event 5/6/7 CT3: add "Commence depressurization" to the start of CT3

Scenario 3:

- Correct D1 with the following corrections: change the "3" in LCO 3.3.2, function 1.3 to 1.e, BOP gets credit for event 2
- Event 3: remove TRM 3.1.9, condition A

- Event 4: Add to event termination that the next event can be triggered once the RWST and VCT valves are realigned to the correct lineup
- Event 4: change step 7 to ATC position
- Event 5/6/7: correct CT1 to be “faulted ‘D’” at the bottom of page 16
- Event 5/6/7: correct page 21, step 7 “HIS-19” to “HIS 22” and “HIS-35” to “HIS-38”

JPM A-1:

- Change validation time from 10 minutes to 15 minutes
- Change 9.a to Attachment C

JPM A-2:

- Change step 5 of the examiner copy from 298.5 gallons to 289.5 gallons

JPM A-3:

- Change validation time from 10 minutes to 20 minutes
- Add to the initial conditions that reactor engineering is not required
- Add to the initial conditions that step 8.4.1 is complete

JPM A-4:

- Add a third answer line to the applicant handout for cue 1
- Add to the task standard that “extra rubber gloves” or “rubber gloves” are acceptable correct answers

JPM A-5:

- Change the initiating cue to ask for any corrections if needed and determine the action level

JPM A-6:

- Include a backup que that asks for the correct boron addition if not provided

JPM A-7:

- Remove the clearance order worksheet reference about valve “BGV0014” having leakby issues.
- Change “Racked Up” to “Open” for breaker position
- Change the validation time to 15 minutes
- Remove the tag #'s (no numbers are issued until the clearance is issued)

JPM A-8:

- Add to the task standard that one of the setpoints was wrong

- Change the permit expiration to November 1, 2021
- Change the release date to October 30, 2021
- Add to cover sheet that this JPM must be run on November 2, 2021

JPM A-9:

- Duplicate the initial conditions on que sheet #2
- Have 2 sheets for answering both parts of the JPM
- Add to the initial conditions that dose projections are not available

JPM S-1:

- Add to examiner copy, step 4 (21.c) that the “Group Step Counter” is 123
- Add cue to step 8 (24.a) CRS acknowledges that the applicant tells the CRS that they are disabling control rods
- Clarify the Standard for step 15 (26.b) by changing “moved” to “withdraw”
- Add to the cues for step 21(27.d) and 22(27.e) that the CRS acknowledges

JPM S-2:

- Change the validation time to 5 minutes
- Change the task standard to include “manually initiated both Red and Yellow train of CISA and manually closed BG HIS-8160 and BG HIS-8112

JPM S-3:

- Change the validation time to 10 minutes
- Add “both trains” to the task standard
- Add to step 4 standard that the applicant could also determine that a loss of SW pump is the cause of the system low pressure
- Add to cue for step 8(4.3.a) not to allow the applicant to use the plant paging system to announce the start of ESW pump A
- Change the “&” symbols to “or”

JPM S-4:

- Change validation time to 10 minutes
- Add to step 5 that the BOP or CRS acknowledges when told that the applicant is going to the back panels
- Add examiner note to step 10(6.2.3.5) “Condenser is 3.5 inches Hg”

JPM S-5:

- Add to the student handout release permits
- Change the validation time to 5 minutes

JPM S-6:

- Change the validation time to 10 minutes
- Add to the task standard “and does not manually trip RPC C based on observed indications”
- Fix the reactor trip breaker indications for the initial conditions and inserted failure
- Change the cue of step 14 to CRS acknowledges and remove the cue of “perform immediate actions of EMG E-0”
- Have the applicant start at step 11(13.c)

JPM S-7:

- Change the validation time to 10 minutes
- Make the supplemental handout a different color
- Change the task standard to “Applicant starts A train of SFP cooling, recognized the loss of the B SFP cooling pump IAW ALR 075
- Add examiner note that EC-V009 was throttled to the correct position earlier in the JPM and that it is acceptable for the applicant to ask for the position of EC-V009 or continue to the next step

JPM S-8:

- Change the validation time to 5 minutes
- Make step 9 (7.b) a critical step
- Change the “&” symbols to “or”

JPM P-1:

- Change step 8 cue to be 0 volts
- Change step 9 task standard to allow the applicant to close the breaker from inside the breaker cubicle or with the pistol grip on the outside of the breaker door
- Add to step 10 (4.c.1/2) cue that there is a change in sound coming from the diesel

JPM P-2:

- Add step 1 (6.2.1) cue that they have obtained the key

JPM P-3:

- Add pictures of the valves on the cat walk to use instead of climbing ladders