

Calvert Cliffs Operating Exam Comments:

Admin JPMs:

RO1- appears to be a typo regarding Tav_g. JPM says “and Tav_g is less than 250°F” Initial condition states 100% power.

RO-2 - Removed 2-CD-277 as a Critical task when reviewing tagout

Added mechanical tagging points for 11/12 AFW Mini-Flow lines to critical task

RO4- Determine the best place (classroom or simulator) to conduct this JPM.

SRO1- Classroom checked, but simulator setup information is given. Typo.

Corrected reference in Component Cooling Water cue

SRO2- Removed 2-CD-277 as a Critical task when reviewing tagout

Added mechanical tagging points for 11/12 AFW Mini-Flow lines to critical task

Moved cue for Technical Specification from body of JPM to Examinee's Cue Sheet

SRO3- Revised Critical Task values for dose calculations to include conservative calculation of highest dose rate (i.e. highest dose rate for entire duration)

SRO4- Increased Containment Radiation Monitors readings on Examinee's Cue Sheet

Transferred cue information from the body of the JPM to the Examinee's Cue Sheet

Added that a Hostile Action is not in progress to the Examinee's Cue Sheet

Downgraded two Critical Tasks due to adding information to the Examinee's Cue Sheet

SRO5- same typo as RO1.

Put page 7 cues into the initial conditions.

In-Plant JPMs:

In-Plant1 - Added panel name of 2C43 to cue.

In-Plant2 - Added Off position to standard in steps N.1 and N.2.

Added panel name of 1C43 to cue.

Simulator JPMs:

Sim1 - Added cue regarding Chemistry surveillance to Examiner's Cue Sheet

Revised standard for step 6.2.A

Revised standard for step 6.2.I for CEA position

Removed duplicate cue prior to AOP-1B

Sim2 - Changed details of Task Standard

Changed standard from Step Q to Step R for EOP-5 Step R

Changed standard to 12 LPSI in Step S.1.a.1(1)

Added band of 450-600 GPM to standard for Step S.1.a.1(2)(b)

Sim3 - Deleted redundant portion of element in Step VI.B.4

Added information to Examinee's Cue Sheet regarding ERPIP Personnel Emergency Attachment

Sim4 - Added Simulator setup instruction to ensure PZR level is ~160" at start of JPM

Copied Initial conditions to Examinee's Cue Sheet

Sim5 - Revised standard for Step 1.1.a to reflect power condition of CACs

Revised standard for Step 1.2 SIAS to reflect MOV indications

Added Evaluator Note prior to Step 3.1 stating OI-5B may also be referenced during execution of the step

Added Cues for ESFAS verification reports

Sim6 - Revised Examinee's Cue Sheet instructions to use the normal breaker to repower the 21 4Kv bus and removed cue from JPM

Revised Standards on Steps 1, 2, and 3 for only the busses required to support the normal breaker as the power supply

Added Simulator Setup instructions to ensure Unit-2 EOP Attachments are available

Sim7 - Removed Sim Setup instructions to chain RPS Cabinets A,C, & D and CCV tags on breakers

Added Evaluator Note for Simulator Driver to leave Annunciator Horn unacknowledged following the loss of 1Y02

Scenarios:

Scenario 1

- Changed to 23 AFW pump OOS to match equipment OOS in other scenarios
- Added time trigger to insertion of Event 9
- Enhanced Responses to Crew Requests
- Removed required action, Increases Charging flow, from Event #5
- Changed HR-2 to met in Event 9 and ensured CE-1 met
- Added directions to shut 12 MSIV based on scenario trigger
- Added potential EOP-5 actions to Event 8 Examiner Notes

Scenario 2

- Added summer conditions to turnover
- Changed timeline of 1A DG STP to indicate that 30 minutes are left on test
- Corrected typo on Event #1 regarding 11 Charging Pump
- Provided options in Event #4 using boration and/or CEAs
- Removed Shuts CVC-501-MOV from Event #5 due to power loss
- Enhanced Responses to Crew Requests
- Added briefing requirement for loss of MCC 101AT/BT as part of turnover
- Enhanced MCC-104/114 guidance to the Examiner

Scenario 3

- Changed to 23 AFW pump OOS to match equipment OOS in other scenarios
- Changed wispig ADV to 12 ADV
- Corrected typo on Event #8 Critical Task AFW Block valves
- Enhanced Responses to Crew Requests