

APPENDIX E - REGION IV GRAND GULF OPERATING TEST JOB PERFORMANCE MEASURE QUALITY REVIEW MATRIX											
JPM#	1. Dyn (D/S)	2. LOD (1-5)	3. Attributes					4. Job Content Errors		5. U/E/S	6. Explanation (See below for instructions)
			IC Focus	Cues	Critical Steps	Scope (N/B)	Over- lap	Job- Link	Minutia		
ADM-11	S	2			U					U	All the steps in the JPM are noted as critical. The only step that should be noted as critical is the correct determination of the individual to be on the fire brigade.
ADM-12	S	3			U					U	All the steps in the JPM are noted as critical. The only step that should be noted as critical is the correct determination of the risk being "yellow."
ADM-13	S	3								S	No comments
ADM-14	S	3								S	No comments
ADM-15	S	3								S	No comments
Sa	D	3								S	No comments
Sb	D	3								S	No comments
Sc	D	3								S	No comments
Sd	D	3								S	No comments
Se	D	3								S	No comments
Sf	D	4								S	No comments
Sg	D	2								S	No comments
Pi	S	3								S	No comments
Pj	S	1								U	This JPM does not appear to have discriminatory value.
Pk	S	3					U			U	This JPM is evaluated as unsatisfactory due to being a repeat safety function.

#### Instructions for Completing Matrix

This form is not contained in or required by NUREG-1021. Utilities are not required or encouraged to use it. The purpose of this form is to enhance regional consistency in reviewing operating tests. Additional information on these areas may be found in Examination Good Practices Appendix D. Check or mark any item(s) requiring comment and explain the issue in the space provided.

1. Determine whether the task is dynamic (D) or static (S). A dynamic task is one that involves continuous monitoring and response to varying parameters. A static task is basically a system reconfiguration or realignment.
2. Determine level of difficulty (LOD) using established 1-5 rating scale. Levels 1 and 5 represent inappropriate (low or high) discriminatory level for the license being tested.
3. Check the appropriate box when an attribute weakness is identified:
  - The initiating cue is not sufficiently clear to ensure the operator understands the task and how to begin.
  - The JPM does not contain sufficient cues that are objective (not leading).
  - All critical steps (elements) have not been properly identified.
  - Scope of the task is either too narrow (N) or too broad (B).
  - Excessive overlap with other part of operating test or written examination.
4. Check the appropriate box when a job content error is identified:
  - Topics not linked to job content (e.g., disguised task, not required in real job).
  - Task is trivial and without safety significance.
5. Based on the reviewer's judgment, is the JPM as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
6. Provide a brief description of problem in the explanation column. Provide conclusion on whether JPM SET criteria satisfied (i.e., number/distribution of safety functions, A.3 and A.4 integrated with parts B/C, Admin topics per section meet ES).

**APPENDIX N - REGION IV OPERATING TEST SCENARIO REVIEW MATRIX**

Scen Set	1 ES	2 TS	3 Crit	4 IC	5 Pred	6 TL	7 L/C	8 Eff	9 U/E/S	10 Explanation (See below for instructions)
1									E	There are errors in the Event 2 D-2. A reactor scram does not occur, BOP verifies RPS B is on alternate power and later the D-2 states RPS B must remain deenergized. The ES-301-6 (Event Checklist) is incorrectly filled out. Keep as the spare scenario.
2									U	The main event should encompass events 3, 4, and 5. Add an instrument failure such as an RPIS reed switch failing open/closed.
3									U	Replace the main event (feedwater pipe rupture) as it is a repeat from scenario 1. Suggest a main steam line leak inside containment.
4										Eliminate event 6 as it is a repeat from scenario 1 and add a component failure (TBV fails open) as event 5. Discard this scenario - too many repeat events from other scenarios and a 4 <sup>th</sup> scenario is not necessary.

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1. ES: ES-301 checklists 4, 5, & 6 satisfied.
2. TS: Set includes SRO TS actions for each SRO, with required actions explicitly detailed.
3. Crit: Each manipulation or evolution has explicit success criteria documented in Form ES-D-2.
4. IC: Out of service equipment and other initial conditions reasonably consistent between scenarios and not predictive of scenario events and actions.
5. Pred: Scenario sequence and other factors avoid predictability issues.
6. TL: Time line constructed, including event and process triggered conditions, such that scenario can run without routine examiner cuing.
7. L/C: Length and complexity for each scenario in the set is reasonable for the crew mix being examined, such that all applicants have reasonably similar exposure and events are needed for evaluation purposes.
8. Eff: Sequence of events is reasonably efficient for examination purposes, especially with respect to long delays or interactions.
9. Based on the reviewer's judgment, is the scenario set as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
10. Provide a brief description of problem in the explanation column