

OPERATOR TRAINING PROGRAM
JOB PERFORMANCE MEASURE

STATION:	SALEM		
SYSTEM:	Generic Admin – Equipment Control		
TASK:	Determine Technical Specification action for inoperable components		
TASK NUMBER:	112670302		
JPM NUMBER:	17-01 NRC SRO-A3		
ALTERNATE PATH:	<input type="checkbox"/>	K/A NUMBER:	G 2.2.40
APPLICABILITY:	EO <input type="checkbox"/>	RO <input type="checkbox"/>	STA <input checked="" type="checkbox"/>
			SRO <input checked="" type="checkbox"/>
EVALUATION SETTING/METHOD:	Classroom / Simulate		
REFERENCES:	S1.OP-SO.DG-0005, Rev. 9 (checked 9-6-18) Salem Unit 1 Tech Specs		
TOOLS AND EQUIPMENT:	None		
VALIDATED JPM COMPLETION TIME:	<u>10 minutes</u>		
TIME PERIOD IDENTIFIED FOR TIME CRITICAL STEPS:	<u>N/A</u>		
Developed By:	<i>Rudolph Chan</i> R. Chan Instructor	Date:	12-4-18
Validated By:	Lantigua / Bates (Rev. 0) SME or Instructor	Date:	9-6-18
Approved By:	<i>[Signature]</i> Training Department	Date:	12/11/18
Approved By:	<i>[Signature]</i> Operations Department	Date:	12/7/18
ACTUAL JPM COMPLETION TIME:			
ACTUAL TIME CRITICAL COMPLETION TIME:			
PERFORMED BY:			
GRADE:	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
REASON, IF UNSATISFACTORY:			
EVALUATOR'S SIGNATURE:	DATE:		

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REVISION HISTORY

JPM NUMBER: 17-01 NRC SRO-A3

Rev #	Date	Description	Validation Required
00	9-4-18	This is a NEW JPM. Added revision history and simulator setup pages. Editorial comments from IP 71111.11 FASA.	Yes
01	12-4-18	Incorporated NRC Prep week comments. Comment is enhancements to clarify a question and re-validation is not required.	No

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SIMULATOR SETUP INSTRUCTIONS

SYSTEM: Generic Admin – Equipment Control
TASK: Determine Technical Specification action for inoperable components
TASK NUMBER: 112670302
SIMULATOR IC: N/A
MALFUNCTIONS / REMOTES: N/A

OVERRIDES: N/A

SPECIAL INSTRUCTIONS:

- **ENSURE** copy of S1.OP-SO.DG-0005 and Unit 1 Technical Specifications are available per candidate.

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SYSTEM: Generic Admin – Equipment Control

TASK: Determine Technical Specification action for inoperable components

TASK NUMBER: 112670302

INITIAL CONDITIONS:

- Salem 1 is at 100% power.
- 12 Charging pump is in service
- 1B EDG is C/T for scheduled maintenance. TS 3.8.1.1 action b was entered with 60 hours remaining of the LCO.
- S1.OP-SO.DG-0005, Preparation for Removing a Diesel Generator from Service, was reviewed by the CRS prior to C/T the 1B EDG.

At 0700 hours:

- 12 Charging pump trips.
- Crew responds to the event and enters S1.OP-AB.CVC-0001 and starts 13 Charging pump and restores letdown and PZR level.

INITIATING CUE:

- You are the Unit 1 CRS.
- Evaluate the impact to Technical Specifications and **DETERMINE** the following:
 1. What LCO action(s) are applicable at 0700 hours?

 2. At 1100 hours you're notified that 12 Charging pump troubleshooting is still ongoing and 1B EDG will need 6 hours to restore from maintenance. What action(s) are required and by what times?

Successful Completion Criteria:

1. All critical steps completed.
2. All sequential steps completed in order.
3. All time-critical steps completed within allotted time.
4. JPM completed within validated time. Completion time may exceed the validated time if satisfactory progress is being made.

Task Standard for Successful Completion:

1. Determines TS 3.8.1.1 action b.2 (4 hours) and 3.5.2.a action a (72 hours) are applicable
2. At 1100 hours, be in Mode 3 at 1700 hours and Mode 5 at 2300 hours the next day.

OPERATOR TRAINING PROGRAM
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NAME: _____
 DATE: _____

SYSTEM: Generic Admin - Emergency Plan
 TASK: Classify the Emergency and complete the ICMF

* #	STEP NO.	STEP (Shaded area denotes Critical Step) (* Critical Step) (# Sequential Critical Step)	STANDARD (Bolded area identifies Task Standard)	EVAL S/U	COMMENTS (Required for UNSAT evaluation)
	CUE:	PROVIDE copy of S1.OP-SO.DG-0005 to CRS	Evaluator's Note: This procedure would already be in progress and in the control room prior to removing the 1B EDG from service.		
	CUE:	PROVIDE the operator the initiating cue <u>AND ENTER START TIME AFTER</u> operator repeats back the Initiating Cue. START TIME: _____			
*		What LCO action(s) are required at 0700 hours?	Operator determines the following Tech Spec LCOs are applicable: 1. 3.5.2.a Action a (72 hours) for 12 Charging pump being inoperable, and 2. 3.8.1.1 Action b.2 (4 hours) for 1B EDG and redundant component (12 Charging pump) inoperable.		

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*		At 1100 hours, you're notified that 12 Charging pump repairs are still ongoing. List <u>ALL</u> action(s) are required and at what times?	<p>SRO determines that at 1100 hours the Unit must be in Mode 3 at 1700 hours and Mode 5 at 2300 hours the next day</p> <p>(Mode 3 in next 6 hours and Mode 5 in within the following 30 hours)</p> <p><u>Evaluator's Note:</u> Use of TS 3.0.3 is not appropriate.</p> <p>JPM is complete</p>		
	CUE:	<p><u>WHEN</u> operator informs you the task is complete, OR the JPM has been terminated for other reasons, <u>THEN</u> RECORD the STOP TIME.</p> <p>STOP TIME: _____</p>	Terminate JPM after SRO submits the response to you.		

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

JPM#: 17-01 NRC SRO-A3

NOTE: All steps of this checklist should be performed upon initial validation. Prior to JPM usage, revalidate JPM using steps 8 and 11 below.

R 12-4-18

- NA 1. Task description and number, JPM description and number are identified.
- NA 2. Knowledge and Abilities (K/A) references are included.
- NA 3. Performance location specified. (in-plant, control room, or simulator)
- NA 4. Initial setup conditions are identified.
- NA 5. Initiating and terminating Cues are properly identified.
- NA 6. Task standards identified and verified by SME review.
- NA 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- NA 8. Verify the procedure referenced by this JPM matches the most current revision of that procedure: Procedure Rev. _____ Date _____
- NA 9. Pilot test the JPM:
 - a. verify Cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- NA 10. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- NA 11. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor: NA Date: _____
SME/Instructor: _____ Date: _____
SME/Instructor: _____ Date: _____

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