

OPERATOR TRAINING PROGRAM
JOB PERFORMANCE MEASURE

STATION:	SALEM		
SYSTEM:	Emergency Plan - Administrative		
TASK:	Classify an Event and Complete ICMF IAW EP-SA-111-101		
TASK NUMBER:	1240020502		
JPM NUMBER:	16-01 NRC SRO-A5		
ALTERNATE PATH:	<input type="checkbox"/>	K/A NUMBER:	G 2.4.41
APPLICABILITY:	IMPORTANCE FACTOR:		4.6
EO <input type="checkbox"/>	RO <input type="checkbox"/>	STA <input type="checkbox"/>	SRO <input checked="" type="checkbox"/>
EVALUATION SETTING/METHOD:	Classroom		
REFERENCES:	EP-SA-111-101, Rev. 23 (checked 10-2-17) EP-SA-111-121, Rev 00 EP-SA-111-F3, Rev 03		
TOOLS AND EQUIPMENT:	ECG Books		
VALIDATED JPM COMPLETION TIME:	<u>10 mins</u>		
TIME PERIOD IDENTIFIED FOR TIME CRITICAL STEPS:	<u>15 mins</u>		
Developed By:	R. Chan <i>Rudolph Chan</i> Instructor	Date:	12-11-17
Validated By:	<i>N/A</i> ^R 12-11-17 SME or Instructor	Date:	<i>N/A</i> ^R
Approved By:	Training Department <i>[Signature]</i>	Date:	12/15/17
Approved By:	Operations Department <i>[Signature]</i>	Date:	12/15/17
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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Rev #	Date	Description	Validation Required
00	10-2-17	Added revision history and simulator setup pages. Updated NI currents from Rev. 5 of REM dated 6/4/17. Editorial comments from IP 71111.11 FASA.	Yes
01	12-11-17	Incorporated NRC Prep week comments.	No

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SIMULATOR SETUP INSTRUCTIONS

SYSTEM: Emergency Plan - Administrative

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SIMULATOR IC: N/A

MALFUNCTIONS / REMOTES: N/A

OVERRIDES: N/A

SPECIAL INSTRUCTIONS:

- **ENSURE** copy of Attachment 3 (SAE).
- **ENSURE** copies of Attachments 2 (ALERT) and 4 (GE) ICMFs are available if requested. Note: these are the incorrect Attachments to use.

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TASK NUMBER: 1240020502

INITIAL CONDITIONS:

- Salem 2 was manually tripped and Safety Injection Auto actuated due to a RCS leak inside containment.
- The crew is implementing **2-EOP-TRIP-1**.
- RCS pressure < 60 psig.
- RCS Subcooling is 0 degrees F.
- All ECCS pumps are running.
- Containment pressure is 35 psi and 21 Containment Spray pump failed to start. Attempts to start 21 CS pump from the control room are unsuccessful.
- 21 CFCU is C/T for cooler leak and 22 and 23 CFCUs failed to start in LOW SPEED. Attempts to start 22 and 23 CFCUs from the control room are unsuccessful.
- Meteorological data is as follows: Wind Direction: 180 degrees, Wind Speed: 5 mph
- 2R41D, Plant Vent Release Rate, radiation monitor is **NOT** indicating elevated readings.

INITIATING CUE:

- You are the Unit 2 Control Room Supervisor (CRS).
- **CLASSIFY** the event AND **COMPLETE** the ICMF IAW EP-SA-111-101 and appropriate EAL category flowcharts.
- **THIS IS A TIME CRITICAL JPM.**

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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. **Classifies the event as Site Area Emergency (SAE) based on RB2.L and CB8.P.**
2. **Properly completes ICMF for the classified event.**

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* #	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)
		Provide the following materials: <ul style="list-style-type: none"> ▪ EP-SA-111-101, ▪ Salem 2 ECG books 			
	CUE:	<p>State to the Operator:</p> <p>THIS IS A TIME CRITICAL JPM.</p> <p>You will be giving time to REVIEW the Initial Conditions. The JPM will START once you have completed your review and acknowledge the Initiating Cue. The time will stop when you have classified the event and submitted the ICMF to the Lead Evaluator.</p> <p>Fill in the JPM Start Time when the student acknowledges the Initiating Cue.</p> <p>START TIME: _____</p>	Operator reviews initial conditions.		

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*		CLASSIFY the event.	<p>Operator classifies the event as Site Area Emergency (SAE) based on Fission Product Barrier Table:</p> <ul style="list-style-type: none"> ▪ RB2.L (5 pts) – Subcooling \leq 0 F (as a result of RCS leakage) ▪ CB8.P (2 pts) – Containment pressure > 15 psig AND EITHER of the following: <ul style="list-style-type: none"> ○ One containment spray train in service <u>AND</u> < 3 CFCUs running in low speed. ▪ 7 points total for Site Area Emergency (SAE) 		

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*		COMPLETES ICMF	<p>Cue: Provide copy of EP-SA-111-F3, Attachment 3 (SAE) when requested.</p> <p><u>Note:</u> Attachments 2 (ALERT) and 4 (GE) ICMFs are available if requested.</p> <p>Operator accurately and completely fills out the ICMF for Site Area Emergency IAW EP-SA-111-F3, Attachment 3.</p> <p>See attached ANSWER KEY for complete and accurate ICMF.</p>		
	CUE:	<p>JPM is Complete.</p> <p>RECORD the STOP TIME.</p> <p>STOP TIME: _____</p>	<p>Terminate JPM when operator submits the ICMF form.</p>		

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JPM #: 16-01 NRC SRO-A5

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

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

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

SME/Instructor: _____

Date: _____

SME/Instructor: _____

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SME/Instructor: _____

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