

OPERATOR TRAINING PROGRAM
JOB PERFORMANCE MEASURE

STATION:	SALEM		
SYSTEM:	Generic Administrative Topics - Emergency Plan		
TASK:	Classify the Event and Complete / Approve the ICMF IAW EP-SA-325-101		
TASK NUMBER:	1240020502		
JPM NUMBER:	19-01 NRC SRO-A5		
ALTERNATE PATH:	<input type="checkbox"/>	K/A NUMBER:	G 2.4.41
APPLICABILITY:		IMPORTANCE FACTOR:	RO SRO
	EO <input type="checkbox"/>	RO <input type="checkbox"/>	STA <input type="checkbox"/>
			SRO <input checked="" type="checkbox"/>
EVALUATION SETTING/METHOD:	Classroom		
REFERENCES:	EP-SA-325-101, Rev. 01 (checked 1-16-20) EP-SA-325-123, Rev 00 EP-SA-325-F4, Rev 01		
TOOLS AND EQUIPMENT:	Salem ECG Books Rev 6		
VALIDATED JPM COMPLETION TIME:	<u>8 mins</u>		
TIME PERIOD IDENTIFIED FOR TIME CRITICAL STEPS:	<u>15 mins / 15 mins</u>		
Developed By:	R. Chan Instructor	Date:	1-16-20
Validated By:	Moore / Chapman SME or Instructor	Date:	1-16-20 / 6-17-20
Approved By:	N/A Training Department	Date:	
Approved By:	N/A Operations Department	Date:	
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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JPM NUMBER: 19-01 NRC SRO-A5

Rev #	Date	Description	Validation Required
00	8-6-19	NEW JPM for 19-01 ILOT NRC Exam.	Yes

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SIMULATOR SETUP INSTRUCTIONS

SYSTEM: Generic Administrative Topics - Emergency Plan

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SIMULATOR IC: N/A

MALFUNCTIONS / REMOTES: N/A

OVERRIDES: N/A

SPECIAL INSTRUCTIONS:

- **ENSURE** sufficient BLANK copies of EP-SA-325 Attachments 1 thru 4.
- **ENSURE** sufficient copies of ECG books and/or wall charts.

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TASK NUMBER: 1240020502

INITIAL CONDITIONS:

- Unit 2 experienced a Large Break LOCA and an Automatic Safety Injection (SI).
- All available equipment started following SI signal.
- An **ALERT** was declared based on EAL# RB1.L, Loss of the Reactor Coolant System Barrier.
- The Emergency Core Cooling System (ECCS) is currently aligned for Cold Leg Recirculation IAW EOP-LOCA-3.
- The crew is responding to the following alarms and indications:
 - OHA C-26, 21 RHR SUMP OVRFLO
 - Auxiliary Typewriter alarm point; 21 RHR Sump Pump start.
 - 2R41D, Plant Vent Radiation Monitor, indicating 3.18E+05 $\mu\text{Ci}/\text{sec}$ and rising
- The crew responded to the alarms/indications by closing the 21SJ44, Containment Sump Suction Valve, to isolate the leak but the valve failed to close.
- The OCC is briefing a field team to investigate the breaker associated for the 21SJ44 valve.
- The 2R44A and 2R44B, Containment High range Radiation Monitors, are currently reading 305 R/Hr.
- The 2R41D, Plant Vent Radiation Monitor, is currently reading 5.12E+6 $\mu\text{Ci}/\text{sec}$ and rising.
- Met Tower data indicates wind from 180 degrees at 5 mph.

INITIATING CUE:

- You are the Emergency Coordinator (EC).
- **CLASSIFY** the event AND **COMPLETE / APPROVE** the ICMF IAW the applicable procedure.
- **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 a General Emergency (GE) 13 points based on RB1.L or RB2.L (5 pts), FB2.L (5 pts) and CB2.L (3 pts) or CB3.L (3 pts) within 15 minutes**
2. **Correctly completes sections I thru V of the ICMF IAW with attached answer key for the classified event within 15 minutes from event declaration.**

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System: Generic Administrative Topics - Emergency Plan

Task: Classify the Event and Complete / Approve the ICMF IAW EP-SA-325-101

* #	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 the following materials: <ul style="list-style-type: none"> ▪ Salem ECG books (Rev 6) and/or wall charts ▪ Blank copies of Attachments 1 thru 4 (EP-SA-325-F1/F2/F3/F4) 			
	CUE:	<u>READ</u> to the Operator: THIS IS A TIME CRITICAL JPM. You will be giving time to REVIEW the Initial Conditions on the Cue Sheet. 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. Fill in the JPM Start Time when the student acknowledges the Initiating Cue. START TIME: _____	Operator reviews initial conditions and acknowledges the initiating cue.		

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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)
*		CLASSIFY the event.	Operator classifies the event as a General Emergency (GE) 13 points based on EAL#s: RB1.L or RB2.L (5 pts), FB2.L (5 pts) and CB2.L (3 pts) or CB3.L (3 pts) within 15 minutes from when the JPM started.		
*		COMPLETE / APPROVE the ICMF	<p><u>Evaluator's Note:</u> Attachments 1 thru 4 will be made available. The operator will have to select the correct Attachment based on the classification.</p> <p>Operator correctly fills out Sections I thru V of the ICMF for General Emergency (GE) IAW EP-SA-325-F4, Attachment 4. Completing the ICMF within 15 minutes from when he event was declared on the ICMF form</p> <p><u>Note:</u> A release is in progress due to the event.</p> <p><u>Note:</u> See attached ANSWER KEY for complete and accurate ICMF.</p>		

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	CUE:	JPM is Complete. RECORD the STOP TIME. STOP TIME: _____	Terminate JPM when operator submits the ICMF form.		

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ANSWER KEY

EP-SA-325-F4
ATT 4
Pg. 2 of 8

INITIAL CONTACT MESSAGE FORM

I. THIS IS _____, COMMUNICATOR IN THE CONTROL ROOM
(NAME) TSC
 EOF
AT THE SALEM NUCLEAR GENERATING STATION, UNIT(s) No. 2

IIa. THIS IS NOTIFICATION OF AN GENERAL EMERGENCY WHICH WAS

DECLARED AT	Current Time (Time - 24 HR CLOCK)	ON	Today (DATE)
+			
EAL #	RB1.L or RB2.L	FB2.L	CB2.L or CB3.L
DESCRIPTION OF EVENT: Loss of Reactor Coolant System Barrier, Loss of Fuel Clad Barrier, Loss of the Containment Barrier			

OR

IIb. THIS IS NOTIFICATION OF A PROTECTIVE ACTION RECOMMENDATION
UPGRADE MADE AT _____ HRS ON _____
(Time - 24 HR CLOCK) (DATE)

Reason for PAR Upgrade: _____

III. THERE IS A RELEASE IN PROGRESS DUE TO THE EVENT
 THERE IS **NO** RELEASE IN PROGRESS DUE TO THE EVENT

Any release above normal, attributable to the event. See Basis for example.

IV.	33 FT. LEVEL WIND DIRECTION (From):	180	WIND SPEED:	5
	(From MET Computer /SPDS)	(DEGREES)	(MPH)	

V.	Sectors	Dist. - Mile
<input checked="" type="checkbox"/> WE RECOMMEND EVACUATION AS FOLLOWS	ALL	0-5
<input type="checkbox"/> WE RECOMMEND SHELTERING AS FOLLOWS		
<input checked="" type="checkbox"/> WE RECOMMEND MONITOR AND PREPARE AS FOLLOWS	ALL	5-10
<input checked="" type="checkbox"/> WE RECOMMEND THE USE OF KI IN ACCORDANCE WITH STATE PROCEDURES		

EC Initials
(Approval to Transmit ICMF)

SGS

Rev. 1

ANSWER KEY

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

JPM #: 19-01 NRC SRO-A5

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

- RC 1. Task description and number, JPM description and number are identified.
- RC 2. Knowledge and Abilities (K/A) references are included.
- RC 3. Performance location specified. (in-plant, control room, or simulator)
- RC 4. Initial setup conditions are identified.
- RC 5. Initiating and terminating Cues are properly identified.
- RC 6. Task standards identified and verified by SME review.
- RC 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- RC 8. Verify the procedure referenced by this JPM matches the most current revision of that procedure: Procedure Rev. 01 Date 1-16-20
- RC 9. Pilot test the JPM:
 a. verify Cues both verbal and visual are free of conflict, and
 b. ensure performance time is accurate.
- N/A 10. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- N/A 11. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor: R. Chan Date: 1-16-20

SME/Instructor: R. Moore Date: 1-16-20

SME/Instructor: M. Chapman Date: 6-17-20

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