PSEG Nuclear LLC

Job Performance Measure

REVIEW INITIAL CONTACT MESSAGE FORM (ICMF)

JPM Number: 21-01 NRC SRO-A4

Revision Number: 0

Date: 07/26/2022

Developed By:	**R. Chan** **Instructor**	**Date:**	7/26/22
Validated By:	**T. Shetrone** **SME or Instructor**	**Date:**	8/18/22
Reviewed By:	**M. Winkelspecht** **Operations Representative**	**Date:**	11/29/22
Approved By:	**M. Wadusky** **Training Department (Print/Sign)**	**Date:**	11/29/22

REVISION RECORD (Summary)

Revision Number	Date	Reason
00	7/26/22	New JPM. Converted to new JPM template.

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.

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:
RC	Procedure(s) EP-SA-325-F2 Rev. 1 Date Checked: 7/24/22
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

R. Chan	8/18/22
SME/Instructor	Date
SME/Instructor	Date
SME/Instructor	Date

SIMULATOR SETUP INSTUCTIONS

1. None, this is an Admin JPM.

SPECIAL INSTRUCTIONS

1. Copies of Salem ECG Flowchart and Bases documents for each SRO.
2. Marked up EP-SA-325-F2 Attachment 2 Alert (includes all pages of Attachment 2)

INITIAL CONDITIONS

- At 1055, Salem Unit 2 initiated a manual SI due to a Steam Generator Tube Rupture on 23 SG
- RCS temperature is 543 °F
- BOTH motor driven auxiliary feedpumps failed to start and the Turbine Driven auxiliary feedpump (23 AFW Pump) automatically started and is feeding all intact SGs at 22E4 lbm/hr
- At 1100, the Shift Manager declared an ALERT
- 33 Ft. level wind direction is from 180 degrees at 5 mph
- No additional operator actions have been taken

INITIATING CUE

The Shift Manager directs you to perform an accuracy peer check on the provided Initial Contact Message Form (ICMF).

Document any errors on the attached worksheet, should any exist.

<u>This is a TIME CRITICAL JPM</u>

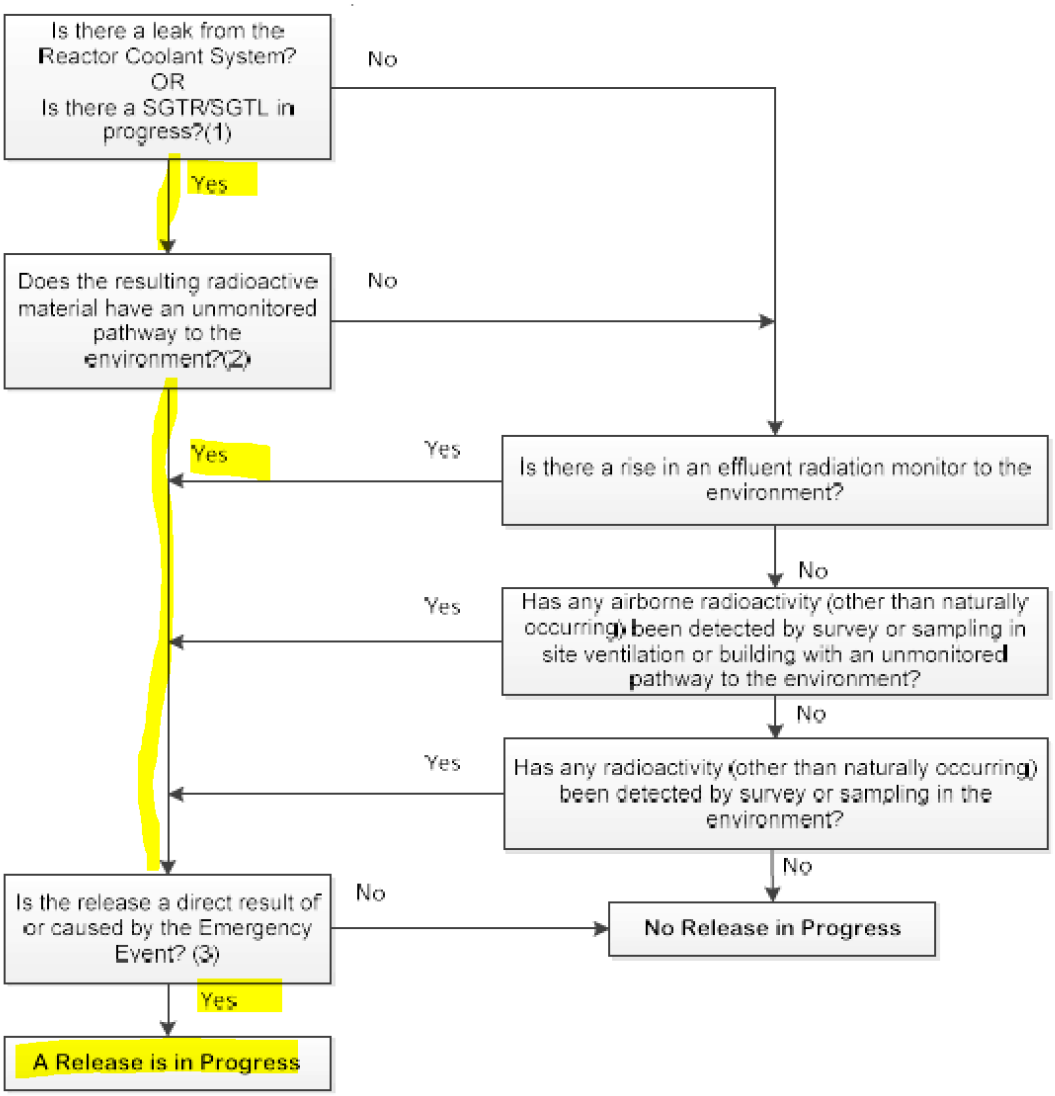
Additional Reference(s): EP-SA-325-F2 Rev. 01

- **Accuracy Peer Check:** Have the STA, TSS, SSM or other knowledgeable individual perform an accuracy peer check of the ICMF. The peer check should include:
  - verification that the correct form has been used for the classification
  - review of all applicable fields that have been completed by the SM during completion of the ICMF (date, time, EAL, Description etc.) to ensure data is correct/accurate
  - EC approval initials have been completed.

- **Classification Timeliness:** Classification must occur after verification and before the 15 minute EAL clock expires. Assessment of an Emergency Condition should be completed in a timely manner, which is considered to be within 15 minutes of when events are known or should have been known. If an EAL specifies a duration time (e.g., loss of annunciators for 15 minutes or longer), the assessment time runs concurrently with the EAL duration time and is the same length. [3]

- **Rad Release Determination (Salem):** Any of the following conditions constitutes a release in progress due to the event:
  - Increase in Plant Vent Release Rate (NOT caused by operational transients or ventilation changes) which is caused by the EVENT.
  - A Steam Generator rupture which is faulted to the atmosphere (SRV, Atmospheric Vent or Line Break)
  - Evidence of an UNMONITORED release to atmosphere, examples include:
    - Primary to Secondary leak and the steam driven feed pump is in service
    - Bypass release from the Aux Building through the Electrical Pen
    - Leakage from the Containment directly to atmosphere after a LOCA
    - Elevated background radiation levels downwind from the station as monitored/reported by Radiation Protection Technician at fence line

Additional Reference(s): EP-SA-325-F2 Release in Progress Determination Flowchart



Additional Reference(s): EP-SA-325-102 Rev. 1, page 7, Event Classification Guide Use

4.9 Identify and implement the referenced ECG form based on the Emergency Classification Level.

- Unusual Event — Implement EP-SA-325-F1
- Alert — Implement EP-SA-325-F2
- Site Area Emergency — Implement EP-SA-325-F3
- General Emergency — Implement EP-SA-325-F4
- Unusual Event (Common Site) — Implement EP-SA-325-F24

Refer to TABLE 1, Salem Emergency Classification Description Table for correct description wording to be used on the Initial Contact Message Form (ICMF) for all EALs.

TASK STANDARD:

The task is satisfactorily met when the applicant has identified the following errors on the ICMF; (1) declaration time is incorrect, (2) description of the event is not in accordance with Table 1 of EP-SA-325-102, and (3) a release not in progress is incorrectly checked off. The ICMF should be in accordance with the attached answer key. **This is a TIME CRITICAL JPM which must be completed ≤ 15 minutes**.

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Information for Evaluators Use:

UNSAT requires written comments on the respective step.

(*) **Denotes critical steps**

If Time Critical, estimated time is the Time Critical time.

The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The time clock starts when the candidate acknowledges the initiating cue.

ANSWER KEY (optional):

INITIAL CONTACT MESSAGE FORM

I. THIS IS John Q (NAME), COMMUNICATOR IN THE ☒ CONTROL ROOM ☐ TSC ☐ EOF

AT THE **SALEM** NUCLEAR GENERATING STATION, **UNIT**(s) No. 2

II. THIS IS NOTIFICATION OF AN **ALERT** WHICH WAS

DECLARED AT 1100 (Time - 24 HR CLOCK) ON Today (DATE)

EAL # RB1.L DESCRIPTION OF EVENT

Loss of the Reactor Coolant System Barrier

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 examples.

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

V. **NO PROTECTIVE ACTIONS ARE RECOMMENDED AT THIS TIME**

Shift Manager / SM
EC Print/Sign
(Approval to Transmit ICMF)

Answer Key

ICMF Section	Errors Identified (Circle one)	Brief Description of Error(s)
I	NO	
II	YES	1. Declaration time is incorrect should be 1100, 2. Description of Event is incorrect should read "Loss of the Reactor Coolant System Barrier" per Table 1 of EP-SA-325-102
III	YES	1. A release is in progress due to the Turbine Driven auxiliary feedpump the ONLY pump in service and supplied from 21 and 23 SGs. No actions have been taken yet to close the 23MS45 steam supply from 23 SG. Per EP-SA-325-F2, a release is in progress due to a Primary to Secondary leak and the steam driven feedpump in service with no radiation monitor to monitor the release path.
IV	NO	
V	NO	

RECORD JPM Start Time:_____

STEP	CRITICAL	ELEMENT	STANDARD	GRADE (S/U)
N/A		**RECORD** the JPM Start Time when the operator acknowledges READY TO START JPM.		N/A
Cue: Provide candidate MARKED UP copy of EP-SA-325-F2 Attachment 2 Alert(include all pages from Attachment 2) **and** Salem ECG Flowcharts and Bases Books. Examiners Note: N/A Comments: N/A				
1.0	*	Determine if **Section I** has any errors.	No errors	
Cue: N/A Examiners Note: N/A Comments:				
2.0	*	Determine if **Section II** has any errors.	Documents that Section II has two errors: (1) declaration time is incorrect should be 1100, and (2) the Description of Event is incorrect should read "Loss of the Reactor Coolant System Barrier".	
Cue: N/A Examiners Note: N/A Comments:				
3.0	*	Determine if **Section III** has any errors.	Documents that Section III incorrectly checked that NO release is in progress. A primary to secondary leak and the steam driven feedpump in service is a release in progress.	
Cue: N/A Examiners Note: N/A				

STEP	CRITICAL	ELEMENT	STANDARD	GRADE (S/U)
Comments:				
4.0	*	Determine if **Section IV** has any errors.	No errors	
Cue: N/A Examiners Note: N/A Comments:				
5.0	*	Determine if **Section V** has any errors.	No errors	
Cue: N/A Examiners Note: N/A Comments:				
Terminating Cue		**JPM COMPLETE when the applicant submits the worksheet.**		N/A

RECORD JPM Stop Time: _____

Operator's Name: _____ **Job Title:** RO _____ SRO X

Facility: Salem **JPM No.:** 21-01 NRC SRO-A4 **Revision No.:** 0

Task Title: Review Initial Contact Message Form (ICMF)

Task No.: N1240010502 **Source:**

System: Emergency Procedures/Plan (Generic) Bank _____ New X Mod _____

K/A Number / Description: G2.4.40 Knowledge of SRO responsibilities in emergency plan implementing procedures (SRO Only).

K/A Rating RO N/A SRO 4.5

Task Applicability: SRO Only X RO/SRO _____ AO/RO/SRO _____ Other _____

Time-Critical: Yes X No _____ **Alternate Path:** Yes _____ No X

Estimated Time to Complete: **15** Minutes **Actual Time Used:** Minutes

Method of Testing: Simulated Performance _____ Actual Performance X

Location: Classroom X Simulator _____ In-Plant _____ RCA _____

Required Materials: Salem ECG & Basis Document

Reference(s): Salem ECG

EVALUATION SUMMARY:

Were all the Critical Elements (steps) performed satisfactorily? Yes ____ No ____

The operator's performance was evaluated against the standards contained in this JPM, and has been determined to be: Satisfactory _____ Unsatisfactory _____

Comments:

Evaluator's Name: _____

Evaluator's Signature: _____ **Date:** _____

STUDENT HANDOUT

INITIAL CONDITIONS

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STUDENT WORKSHEET

Operator's Name: _____

ICMF Section	Errors Identified (Circle one)	Brief Description of Error(s)
I	YES /NO	
II	YES /NO	
III	YES /NO	
IV	YES / NO	
V	YES / NO	