

Exelon Nuclear

Job Performance Measure

EVALUATE LICENSE MAINTENANCE REQUIREMENTS

JPM Number: A.1.2

Revision Number: 0

Date: 1/9/03

Developed By: _____

Facility Author

Date

Approved By: _____

Facility Representative

Date

Job Performance Measure (JPM)

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 through 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

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

1. **Revision 00,** This JPM is developed IAW Guidelines established in NUREG 1021 Rev 8 ES-301 and Appendix C. This JPM meets the criteria of Category A "Administrative Topics" for RO/SRO candidates.

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Information For Evaluator's Use:

UNSAT requires written comments on respective step.

*Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

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Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. No simulator setup required.

Job Performance Measure (JPM)

INITIAL CONDITIONS

You are a Reactor Operator with an active NRC license.

Today is 3/25/03.

You are currently assigned to relieve the assist NSO on Unit Two, April 2nd, 2003 on day shift.

During the current quarter:

- You covered two 8-hour afternoon shifts as a Unit NSO on March 23rd and 24th.
- You split two 12-hour midnight shifts, working six hours as the Unit NSO and the other six hours as a clearance writer during the outage on February 20th, and 21st.
- You covered three complete 12-hour day shifts as an Assist NSO during the outage on February 12th, 13th and 14th.
- You split 8-hour day shifts working four hours as the Assist NSO and the other four hours as a clearance writer on January 1st, 2nd, 8th, 9th, 15th, 16th, 22nd, 23rd, 29th and 30th.

The remainder of the time, you have worked 8-hour day shift as clearance writer Monday through Friday.

INITIATING CUE

You are to document your shift coverage for the 1st quarter of 2003, evaluate your standing as an active licensed RO, and determine your ability to assume shift for April 2nd, 2003. Give an explanation for your determination.

Provide examinee with:

Blank Copy of Attachment 1 "Active License Tracking Log" from OP-AA-105-102.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

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Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Job Performance Measure (JPM)

Number any comments in the “Comment Number” column on the following pages. Then annotate that comment in the “Comments” section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
Evaluators Note: Provide the candidate with a blank copy of Attachment 1 "Active License Tracking Log" from OP-AA-102					
1)	Records shift coverage from 1 st quarter of 2003	Correctly records dates, shifts, length of shift, position filled, and signs attachment 1 using information from the initial conditions.	_____	_____	_____
Evaluators Note: ONLY full shifts, either 8 or 12 hours <u>with turnovers</u> count towards shift coverage time allowed. Candidates should NOT record any of the split shifts. The end result should show 2-8 hour shifts and 3-12 hour shifts, which is short of the required 7-8 hour shifts or 5-12 hour shifts.. No truncation is allowed.					
2)	Reviews requirements to maintain active license.	Recognizes fact that he/she does NOT have the minimum number of required hours of shift watch to maintain their active license.	_____	_____	_____
*3)	Reviews requirements to maintain active license.	Determines he/she is NOT eligible to stand shift on April 2 nd , 2003 due to not having the minimum number of required shifts.	_____	_____	_____
Evaluators Cue: When candidate has determined that they will not be eligible to assume the shift, ask them what additional requirements they need to be able to stand the shift on April 2nd, 2003.					

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
*4)	Reviews requirements to maintain active license.	Determines that a minimum of two more complete eight hour shifts are needed to fulfill the requirements to maintain their license active.	_____	_____	_____

Evaluators Note: When the candidate determines that they cannot assume the shift for April 2nd, 2003 and has determined the correct amount of shifts needed to maintain their license active, inform candidate that the JPM is complete. (Two – 8 hour or Two – 12 hour shifts)

JPM Stop Time: _____

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Evaluate License Maintenance Requirements
 JPM Number: A.1.2 Revision Number: 00
 Task Number and Title:
Evaluate License Maintenance Requirements

K/A Number and Importance:
K/A: 2.1.1 **Rating: 3.7**

Suggested Testing Environment: Simulator

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☒ No

Estimated Time to Complete: 17 minutes **Actual Time Used:** _____ minutes

References: OP-AA-105-102 Rev. 2

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____



INITIAL CONDITIONS

You are an active Reactor Operator that had an active NRC license.

Today is 3/25/03.

You are currently assigned to relieve the assist NSO on Unit Two, April 2nd, 2003 on day shift.

During the past quarter:

- You covered two 8-hour afternoon shifts as a Unit NSO on March 23rd and 24th.
- You split two 12-hour midnight shifts, working six hours as the Unit NSO and the other six hours as a clearance writer during the outage on February 20th, and 21st.
- You covered three complete 12-hour day shifts as an Assist NSO during the outage on February 12th, 13th and 14th.
- You split 8-hour day shifts working four hours as the Assist NSO and the other four hours as a clearance writer on January 1st, 2nd, 8th, 9th, 15th, 16th, 22nd, 23rd, 29th and 30th.

The remainder of the time, you have worked 8-hour day shift as clearance writer Monday through Friday.

INITIATING CUE

You are to document your shift coverage for the 1st quarter of 2003, evaluate your standing as an active licensed RO, and determine your ability to assume shift for April 2nd, 2003. Give an explanation for your determination.

Exelon Nuclear

Job Performance Measure

LOG TECHNICAL SPECIFICATION TIMECLOCKS

JPM Number: A.2.1

Revision Number: 03

Date: 11/13/2000

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 12. Task description and number, JPM description and number are identified.
- _____ 13. Knowledge and Abilities (K/A) references are included.
- _____ 14. Performance location specified. (in-plant, control room, or simulator)
- _____ 15. Initial setup conditions are identified.
- _____ 16. Initiating and terminating cues are properly identified.
- _____ 17. Task standards identified and verified by SME review.
- _____ 18. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 19. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 20. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 21. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 22. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor

Date

SME/Instructor

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

- | | |
|------------------------|---|
| 2. Revision 00, | New JPM |
| 3. Revision 01, | Made IBM computer inoperable at start of JPM with Unit Log already in progress, removed simulator setup instructions. |
| 4. Revision 02, | Added notes for possibility of common log entry and placing stickers on annunciators. |
| 5. Revision 03, | Added note in initiating cue for candidates to make log entries on scrap paper. |

MATERIALS

1. The following material is required to be provided to examinee:
 - IM Surveillance LIS-WS-301, Unit 1 Service Water Effluent Radiation Monitor Functional Test, Rev 4 (marked as completed up to Step E.1.4)

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

2. No simulator setup required.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 is near rated conditions.
- You are the Unit NSO.
- The IBM computer system is down due to a server problem.
- An Instrument Maintenance worker is ready to start LIS-WS-301 (which is on the schedule).
- The procedure is complete up to Step E.1.4.

INITIATING CUE

Authorize the surveillance, enter the necessary information in the unit log and inform the Unit Supervisor when the timeclock has been started.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

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Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

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Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
1.	Review details of surveillance's interface with plant provided on Attachment B.	Details of surveillance's interface with plant, provided on Attachment B, is reviewed.	_____	_____	_____
*2.	VERIFY Timeclock recorded in Step E.1.3.3 is correct.	Timeclock recorded in Step E.1.3.3 is verified to be <u>incorrect</u> . (should be action 101)	_____	_____	_____
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Cue: As US, you'll review it. State to the examinee that you agree it's incorrect. If he does not state what action it should be, request this information from him. If he states action 101, inform him you agree and proceed with the procedure. </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Note Steps 3, 4 and 5 may occur in either order. </div> <div style="border: 1px solid black; padding: 5px;"> Note The candidate may identify annunciators by placing a sticker on the affected windows. </div>					
*3.	AUTHORIZE start of surveillance.	Time of authorization entered and initialed and dated.	_____	_____	_____
*4.	Log time clock in Unit Log Log entry made denoting start of surveillance	Enters procedure number and start time in the Unit Log	_____	_____	_____
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Cue: As IM, acknowledge authorization. Wait until the NSO has made the log entry and then: NOTIFY Unit NSO that the timeclock for Service Water Effluent Radiation Monitor 1D18-K608 must be started. </div>					
*5.	Log entry made denoting start of surveillance	Enters procedure number and Technical Specification start time in the Unit Log.	_____	_____	_____

Job Performance Measure (JPM)

6. Inform Unit Supervisor of Technical Specification timeclock start. Unit Supervisor informed. _____

Terminating Cue Acknowledge information.
The JPM is considered complete at this time.

JPM Stop Time: _____

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Log Technical Specification Timeclocks
 JPM Number: A.2.1 Revision Number: 03
 Task Number and Title:
782.010 Given the proper procedure, review and make entries as NSO in
the Main Control Room Log IAW OP-AA-101-402.

K/A Number and Importance:
2.1.18 2.9/3.0

Suggested Testing Environment: Simulator

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☐ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** _____ minutes

References: OP-AA-101-104, Rev 1; LIS-WS-301, Rev 4

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 is near rated conditions.
- You are the Unit NSO.
- The IBM computer system is down due to a server problem.
- An Instrument Maintenance worker is ready to start LIS-WS-301 (which is on the schedule).
- The procedure is complete up to Step E.1.4.

INITIATING CUE

Authorize the surveillance, enter the necessary information in the unit log and inform the Unit Supervisor when the timeclock has been started.

Exelon Nuclear

Job Performance Measure

Radwaste Discharge Source Check

JPM Number: A.3.1

Revision Number:

Date: 3/19/03

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 23. Task description and number, JPM description and number are identified.
- _____ 24. Knowledge and Abilities (K/A) references are included.
- _____ 25. Performance location specified. (in-plant, control room, or simulator)
- _____ 26. Initial setup conditions are identified.
- _____ 27. Initiating and terminating cues are properly identified.
- _____ 28. Task standards identified and verified by SME review.
- _____ 29. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 30. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 31. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 32. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 33. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor

Date

SME/Instructor

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

6. **Revision 00,** New JPM for ILT 02-01

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

3. Reset to any power IC.
4. **IOR R1284 off** (Liquid Radwaste Mon Hi-Hi- INOP)
5. Provide a marked up copy of LOP-WF-20, “Radwaste Discharge Tank Discharge to the Lake Blowdown Line.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 and Unit 2 are at 100% power.
- OWL006, Makeup Blowdown Cross Connect Valve is closed.
- 1WF05T, U-1 Radwaste Discharge Tank has been on recirculation and samples taken are within discharge specifications.
- Lake Blowdown Flow Control Valve position (0WL005) is 30% IAW Outside Operator Rounds.
- Lake Level is 701.5 ft.
- Blowdown Flow Monitor 0FX-WL071 indicates 27,100 gpm.
- LOP-WF-20 has been completed up to E.4.2 on page 12 and to 1.20 of Att. A .
- LIS-PR-001 was performed at 0700 this morning with the following results:
 1. High Alarm/Trip setpoint at $2E10^5$
 2. High High Alarm/Trip setpoint at $6E10^5$

INITIATING CUE

The US has directed you to perform LOP-WF-20 step E.4.2 (Att. A from step 1.20 through step 1.20.8 Inform the US when step 1.20.8 of Att. A is complete.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The

Job Performance Measure (JPM)

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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

			SAT	UNSAT	Comment Number
	<u>ELEMENT</u>				
1.	Record background radiation reading.	Background radiation reading recorded.	___	___	___
2.	Record “as left” High Alarm/Trip setpoint from most recent LIS-PR-01.	High Alarm/Trip setpoint recorded as $2E10^5$ (from initial conditions).	___	___	___
3.	Record “as left” High High Alarm/Trip setpoint from most recent LIS-PR-01.	High High Alarm/Trip setpoint recorded as $6E10^5$ (from initial conditions).	___	___	___
4.	Record date of most recent LIS-PR-001.	Today’s date recorded per initial conditions.	___	___	___
*5.	Place Liquid Radwaste Discharge Monitor mode selector switch to CK SOURCE and record reading after it has stabilized. If no visible deflection notify US.	Mode selector switch to CK SOURCE and reading recorded after it has stabilized.	___	___	___
Cue:	If examinee checks recorder 0D18-R802 for response, if it doesn’t agree, inform him that it reads the same as 0D18-K606.				
*6.	Check High-High Rad Inop alarm is received on Panel 1H13-P601 B302, if <u>NOT</u> Notify Unit Supervisor.	Unit Supervisor notified that alarm 1H13-P601 B302 <u>NOT</u> received.	___	___	___
Cue:	As US, “I’ll notify the IM’s that we did not receive the alarm. Continue with the procedure.				

Job Performance Measure (JPM)

	<u>ELEMENT</u>	SAT	UNSAT	Comment Number
*7.	Place Mode Selector Switch to OPERATE, Depress Reset (DNSCL/INOP) pushbutton and observe LCRM reading returns to normal.	—	—	—
8.	Check background reading from step 1.20.6 is within 20% of step 1.20.1, if not contact Unit Supervisor.	—	—	—
9.	Sign source check performance.	—	—	—
10.	Notifies US that step 1.20.8 is complete.	—	—	—

CUE: State JPM is complete when notified that step 1.20.8 is complete.

JPM Stop Time: _____

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Job Performance Measure (JPM)

Operator's Name: _____

Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐

SRO Cert

JPM Title: Determine if Discharge Tank Flowrates in Spec.JPM Number: A.3.1Revision Number: 00

Task Number and Title:

121.030 Perform the actions to discharge a Radwaste Discharge Tank to the lake blowdown line.

K/A Number and Importance:

272000 Knowledge of the effect that a loss or malfunction of the Radiation Monitoring system will have on station liquid effluent releases. 3.2/3.8

Suggested Testing Environment: Simulator

Actual Testing Environment: ☐ Simulator ☐ Plant ☐
Control Room

Testing Method: ☐ Simulate
 ☒ Perform

Faulted: ☒ Yes ☐ NoAlternate Path: ☐ Yes ☐ NoTime Critical: ☐ Yes ☒ NoEstimated Time to Complete: 10 minutes Actual Time Used: _____ minutesReferences: LOP-WF-20 rev.36**EVALUATION SUMMARY:**Were all the Critical Elements 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: _____ (Print)
Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 and Unit 2 are at 100% power.
- OWL006, Makeup Blowdown Cross Connect Valve is closed.
- 1WF05T, U-1 Radwaste Discharge Tank has been on recirculation and samples taken are within discharge specifications.
- Lake Blowdown Flow Control Valve position (0WL005) is 30% IAW Outside Operator Rounds.
- Lake Level is 701.5 ft.
- Blowdown Flow Monitor 0FX-WL071 indicates 27,100 gpm.
- LOP-WF-20 has been completed up to E.4.2 on page 12 and to 1.20 of Att. A .
- LIS-PR-001 was performed at 0700 this morning with the following results:
 - High Alarm/Trip setpoint at $2E10^5$
 - High High Alarm/Trip setpoint at $6E10^5$

INITIATING CUE

The US has directed you to perform LOP-WF-20 step E.4.2 (Att. A from step 1.20 through step 1.20.8 Inform the US when step 1.20.8 of Att. A is complete.

Exelon Nuclear

Job Performance Measure

REPORTING EMERGENCIES

JPM Number: A.4.1

Revision Number: 00

Date: 1/13/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 34. Task description and number, JPM description and number are identified.
- _____ 35. Knowledge and Abilities (K/A) references are included.
- _____ 36. Performance location specified. (in-plant, control room, or simulator)
- _____ 37. Initial setup conditions are identified.
- _____ 38. Initiating and terminating cues are properly identified.
- _____ 39. Task standards identified and verified by SME review.
- _____ 40. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 41. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
 Procedure Rev. _____ Date _____
- _____ 42. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 43. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 44. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor	Date
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SME/Instructor	Date
----------------	------

SME/Instructor	Date
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Job Performance Measure (JPM)

Revision Record (Summary)

7. **Revision 00,** New JPM for ILT 02-01 exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

6. No setup required for this JPM.

MATERIALS

1. The following material is required to be provided to examinee: (copies are available at the emergency phone in the simulator and in the plant)
 - LAP-950-3 – Handling Personnel Injuries

Job Performance Measure (JPM)

INITIAL CONDITIONS

- U-1 and U-2 have both scrambled. The Shift Manager and both Unit Supervisors are not available due to implementation of LGA's.

INITIATING CUE

- As the Extra NSO you have received a call at Ext. 2211, the LaSalle Station Emergency Telephone Extension. The following information is reported:
 1. Bill Smith, a contractor, has slipped in the Service Building Trackway and his ankle is broken.
 2. He is not contaminated.
 3. I am calling from Ext. 4444.
- The Shift Manager has informed you to perform the actions to handle the injury IAW LAP-950-3, "Handling Personnel Injuries".
- Inform the Shift Manager after the Nursing Supervisor at the hospital has been informed.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

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Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
1.	Obtain a copy of LAP-950-3 "Handling Personnel Injuries"	Examinee identifies where LAP's can be obtained	_____	_____	_____
<div style="border: 1px solid black; padding: 5px;"> <p>CUE After examinee identifies where LAPs can be obtained, provide examinee with copy of LAP9503.</p> <p>Note/Cue: Inform the examinee that phone numbers will be simulated. You, as the evaluator will respond as needed.</p> </div>					
*2.	NOTIFIES Rad Protection at 2241 and the Nurse at 2742 for first aid and radiological assistance.	Examinee notifies Rad Protection and the Nurse.	_____	_____	_____
*3.	Designates Field Supervisor to assume command and control at the scene.	Field Supervisor notified to assume command and control at the scene.	_____	_____	_____
*4.	Notifies the Seneca Emergency Services at (815) 357-6442 to send an ambulance.	Seneca Emergency Services notified.	_____	_____	_____
<div style="border: 1px solid black; padding: 5px;"> <p>CUE As Seneca Emergency Services, inform examinee that someone is available and the ambulance will be there ASAP. Also, inform him to assume that 5 minutes have elapsed and you've phoned back as the Seneca Emergency Services.</p> </div>					
*5.	Notify Security at 2220 or 2611 that an ambulance has been called to respond to the station.	Security notified.	_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
6.	VERIFY status of the victim from the Field Supervisor, Nurse or Rad Protection at the scene.	Status received.	_____	_____	_____
CUE	As the Field Supervisor, report that he appears to have a broken ankle and is not contaminated. He is in a great deal of pain, but the injury is not life threatening.				
*7.	Notifies St. Marys Hospital at (815) 673-4521 or (815) 6732311.	St. Mary's Hospital notified and Nursing Supervisor informed of the extent of the injury and that he is not contaminated.	_____	_____	_____
*8.	Informs Shift Manager that Nursing Supervisor has been informed.	Shift Manager informed.	_____	_____	_____
Terminating Cue	Acknowledge direction. This JPM is complete.				

JPM Stop Time: _____

.....

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Handling Personnel Injuries
 JPM Number: A.4.1 Revision Number: 00
 Task Number and Title:
722.020 Apply the administrative requirements of handling personnel injuries.

K/A Number and Importance:
2.4.38 2.2/4.0

Suggested Testing Environment: Plant

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☐ No

Estimated Time to Complete: 15 minutes **Actual Time Used:** _____ minutes

References: LAP-950-3 Rev 0

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

U-1 and U-2 have both scrambled. The Shift Manager and both Unit Supervisors are not available due to implementation of LGA's.

INITIATING CUE

- As the Extra NSO you have received a call at Ext. 2211, the LaSalle Station Emergency Telephone Extension. The following information is reported:
- Bill Smith, a contractor, has slipped in the Service Building Trackway and his ankle is broken.
- He is not contaminated.
- I am calling from Ext. 4444.
- The Shift Manager has informed you to perform the actions to handle the injury IAW LAP-950-3, "Handling Personnel Injuries".
- Inform the Shift Manager after the Nursing Supervisor at the hospital has been informed.

Exelon Nuclear

Job Performance Measure

PERFORM OFFSITE POWER VERIFICATION

JPM Number: A.1.1

Revision Number: 00

Date: 02/26/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 45. Task description and number, JPM description and number are identified.
- _____ 46. Knowledge and Abilities (K/A) references are included.
- _____ 47. Performance location specified. (in-plant, control room, or simulator)
- _____ 48. Initial setup conditions are identified.
- _____ 49. Initiating and terminating cues are properly identified.
- _____ 50. Task standards identified and verified by SME review.
- _____ 51. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 52. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 53. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 54. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 55. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor	Date
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SME/Instructor	Date
----------------	------

SME/Instructor	Date
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Job Performance Measure (JPM)

Revision Record (Summary)

8. **Revision 00,** New JPM

MATERIALS

1. Provide examinee copy of LOS-AA-W1 if located and requested.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

7. Reset the simulator to any full power IC.
8. **IOR Q6K13LGB OFF** (override ACB 1414 open indication off)
9. This completes the setup for this JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 and 2 are at near rated conditions.
- You are the extra RO.
- It is a normal working day.

INITIATING CUE

The Unit Supervisor has assigned you to perform Attachment 1D of LOS-AA-W1. Notify the US when Att. 1D is complete. U-2 breakers are in the normal operating configuration.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
1.	VERIFY the loss of any one OCB or Bus section (except Bus sections 6 and 13) will not result in the loss of all SAT's and backfeeding UAT's for both Units.	OCB's verified.	_____	_____	_____
2.	Verify power available to SAT 142 and SAT 242/Backfed UAT 241 from the following offsite lines: • L0101 or L0102 <u>and</u> • L0103 or L0104	Verifies the following available. • L0101 or L0102 <u>and</u> • L0103 or L0104	_____	_____	_____
3.	VERIFY SAT TR 142 is available to supply power to Buses 141Y, 142Y and 143. • ACB 1412 OPERABLE/closed <u>and</u> • ACB 1422 OPERABLE/closed <u>and</u> • ACB 1432 OPERABLE/closed	ACB's 1412, 1422 and 1432 verified operable and closed.	_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
*4.	Verify –the alternate qualified offsite circuit is available to supply power to Buses 141Y and 142Y:	Following verified:	_____	_____	_____
	<ul style="list-style-type: none"> ○ The other Unit SAT TR 242 available with: <ul style="list-style-type: none"> • ACB 2412, 2414, and 1414 OPERABLE/closed. • ACB 2422, 2424 and 1424 OPERABLE/closed. ○ The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: <ul style="list-style-type: none"> • ACB 2411, 2415, 2414 and 1414 OPERABLE/closed. • ACB 2421, 2425, 2424 and 1424 OBERABLE/closed. 	<ul style="list-style-type: none"> ○ The other Unit SAT TR 242 available with: <ul style="list-style-type: none"> • ACB 2412(C), 2414(O), and 1414(NO INDICATION) OPERABLE/closed. (Notifies US of no indication on 1414) • ACB 2422(C), 2424(O), and 1424(O) OPERABLE/closed. ○ The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: <ul style="list-style-type: none"> • ACB 2411(C), 2415(O), 2414(O) and 1414(NO INDICATION) OPERABLE/closed. • ACB 2421(O), 2425(C), 2424(O) and 1424(O) OBERABLE/closed.* 			
Cue	If requested, U-2 ACB's are OPERABLE. If examinee attempts to replace lightbulb, inform him it's O.K. When notified of 1414 lack of indication, you(US) will address T.S.'s				
5.	Inform US that LOS-AA-W1 Att. 1D has been performed.	US informed that LOS-AA-W1 Att. 1D complete.	_____	_____	_____
Terminating Cue	Acknowledge report The JPM is considered complete at this time.				

.....

Job Performance Measure (JPM)

JPM Stop Time: _____

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Verify Offsite Power Lineup
 JPM Number: A.1.1 Revision Number: 00
 Task Number and Title:
655.010 Perform LOS-AA-W1

K/A Number and Importance:

Suggested Testing Environment: Simulator/Control Room

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** _____ minutes

References: LOS-AA-W1 Rev 48

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 and 2 are at near rated conditions.
- You are the extra RO.
- It is a normal working day.

INITIATING CUE

The Unit Supervisor has assigned you to perform Attachment 1D of LOS-AA-W1. Notify the US when Att. 1D is complete. U-2 breakers are in the normal operating configuration.

Exelon Nuclear

Job Performance Measure

DETERMINE REPORTING REQUIREMENTS

JPM Number: SA.1.1

Revision Number: 03

Date: 02/26/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 56. Task description and number, JPM description and number are identified.
- _____ 57. Knowledge and Abilities (K/A) references are included.
- _____ 58. Performance location specified. (in-plant, control room, or simulator)
- _____ 59. Initial setup conditions are identified.
- _____ 60. Initiating and terminating cues are properly identified.
- _____ 61. Task standards identified and verified by SME review.
- _____ 62. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 63. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 64. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 65. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 66. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor

Date

SME/Instructor

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

- | | |
|-------------------------|--|
| 9. Revision 00, | New JPM |
| 10. Revision 03, | Changed JPM designation from A-SO-03 to SA.1.1 for ILT 02-01 evaluation. |

MATERIALS

1. This JPM should be conducted in a location that provides easy access to the required reference procedures (simulator, library, SM office, etc.).
2. The following procedures are required to be available should the candidate request them:
 - Exelon Reportability Reference Manual (Includes LS-AA-1010, 1020, 1110, 1120, and 1130)
 - NSP-OP-AA-106-101, NGG Significant Event Reporting
 - LOA-EM-001, Microwave Tower Abnormal Procedure

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. No simulator setup required.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 is near rated conditions.
- It is a normal working day.
- You are an extra SRO
- One hour ago, an accident occurred in the Owner Controlled Area. A large semi-tractor-trailer backed into the Microwave tower causing it to collapse. There were no injuries, but the tower will be down for at least a week.
- A prompt investigation has been initiated.
- No met tower data is available from Dresden or Braidwood.

INITIATING CUE

The Shift Manager has directed you to determine any reportability requirements. He also informs you that he has been unable to reach the Duty Station Manager and directs you to determine the station and corporate communication requirements, if any, for this event.

Inform the Shift Manager when you have completed your determinations.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
Note: The student may also refer to LOA-EM-001 for guidance.					
*1.	Determine reporting requirements IAW Exelon Reportability Reference Manual.	Determines event: <ul style="list-style-type: none"> • Is reportable per SAF 1.10 • Requires notification of the NRC via ENS within 8 hours. 	_____	_____	_____
*2.	Determine notification requirements IAW NSP-OP-AA-106-101, NGG Significant Event Reporting.	Notification of following individuals determined to be required: <ul style="list-style-type: none"> • Site VP • Plant Manager • Senior Manager Operations • Nuclear Duty Officer • Experience Assessment / Regulatory Assurance Manager • Senior Resident Inspector • Site Oversight Manager 	_____	_____	_____
3.	Shift Manager notified.	Shift Manager informed of reporting and notification requirements.	_____	_____	_____
Terminating	Acknowledge report				
Cue	The JPM is considered complete at this time.				

JPM Stop Time: _____

.....

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Determine Reporting Requirements
 JPM Number: SA.1.1 Revision Number: 03
 Task Number and Title:
755.02.00 During performance of tasks apply the administrative requirements
of ROLES and RESPONSIBILITIES OF ON-SHIFT PERSONNEL IAW
OP-AA-101-102.

K/A Number and Importance: 2.1.14 2.5/3.3

Suggested Testing Environment: Simulator/Control Room

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☒ Yes ☐ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** _____ minutes

References: Exelon Reportability Reference Manual, Rev 1; NSP-OP-AA-106-101,
NGG Significant Event Reporting, Rev 0

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 is near rated conditions.
- It is a normal working day.
- You are an extra SRO
- One hour ago, an accident occurred in the Owner Controlled Area. A large semi-tractor-trailer backed into the Microwave tower causing it to collapse. There were no injuries, but the tower will be down for at least a week.
- A prompt investigation has been initiated.
- No met tower data is available from Dresden or Braidwood.

INITIATING CUE

The Shift Manager has directed you to determine any reportability requirements. He also informs you that he has been unable to reach the Duty Station Manager and directs you to determine the station and corporate communication requirements, if any, for this event.

Inform the Shift Manager when you have completed your determinations.

Exelon Nuclear

Job Performance Measure

PERFORM OFFSITE POWER VERIFICATION

JPM Number: SA.1.2

Revision Number: 00

Date: 02/26/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 67. Task description and number, JPM description and number are identified.
- _____ 68. Knowledge and Abilities (K/A) references are included.
- _____ 69. Performance location specified. (in-plant, control room, or simulator)
- _____ 70. Initial setup conditions are identified.
- _____ 71. Initiating and terminating cues are properly identified.
- _____ 72. Task standards identified and verified by SME review.
- _____ 73. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 74. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
 Procedure Rev. _____ Date _____
- _____ 75. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 76. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 77. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor	Date
----------------	------

SME/Instructor	Date
----------------	------

SME/Instructor	Date
----------------	------

Job Performance Measure (JPM)

Revision Record (Summary)

11. **Revision 00,** New JPM

MATERIALS

2. Provide examinee copy of LOS-AA-W1 if located and requested.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

10. Reset the simulator to any full power IC.
11. **IOR Q6K13LGB OFF** (overrides 1414 ACB open indication off)
12. This completes the setup for this JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 and 2 are at near rated conditions.
- You are the extra RO.
- It is a normal working day.

INITIATING CUE

The Unit Supervisor has assigned you to perform Attachment 1D of LOS-AA-W1. Notify the US when Att. 1D is complete. All U-2 breakers are in their normal operating configuration.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
1.	VERIFY the loss of any one OCB or Bus section (except Bus sections 6 and 13) will not result in the loss of all SAT's and backfeeding UAT's for both Units.	OCB's verified.	_____	_____	_____
2.	Verify power available to SAT 142 and SAT 242/Backfed UAT 241 from the following offsite lines: • L0101 or L0102 <u>and</u> • L0103 or L0104	Verifies the following available. • L0101 or L0102 <u>and</u> • L0103 or L0104	_____	_____	_____
3.	VERIFY SAT TR 142 is available to supply power to Buses 141Y, 142Y and 143. • ACB 1412 OPERABLE/closed <u>and</u> • ACB 1422 OPERABLE/closed <u>and</u> • ACB 1432 OPERABLE/closed	ACB's 1412,1422 and 1432 verified operable and closed.	_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
*4.	<p>Verify –the alternate qualified offsite circuit is available to supply power to Buses 141Y and 142Y:</p> <ul style="list-style-type: none"> ○ The other Unit SAT TR 242 available with: <ul style="list-style-type: none"> • ACB 2412, 2414, and 1414 OPERABLE/closed. • ACB 2422, 2424 and 1424 OPERABLE/closed. ○ The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: <ul style="list-style-type: none"> • ACB 2411, 2415, 2414 and 1414 OPERABLE/closed. • ACB 2421, 2425, 2424 and 1424 OBERABLE/closed. 	<p>Following verified:</p> <ul style="list-style-type: none"> ○ The other Unit SAT TR 242 available with: <ul style="list-style-type: none"> • ACB 2412(C), 2414(O), and 1414 (NO INDICATION) OPERABLE/closed. (Notifies US of no indication on 1414) • ACB 2422(C), 2424(O) and 1424(O) OPERABLE/closed. ○ The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: <ul style="list-style-type: none"> • ACB 2411(C), 2415(O), 2414(O) and 1414(NO INDICATION) OPERABLE/closed. • ACB 2421(O), 2425(C) , 2424(O) and 1424(O) OBERABLE/closed. 	_____	_____	_____
Cue	If requested, U-2 ACB's are OPERABLE. When informed of the loss of indication on 1414, inform the examinee to finish the Att. and then address T.S.'s.	Cue: If examinee begins to check light bulbs, inform him the bulbs are O.K.			
5.	Inform US that LOS-AA-W1 Att. 1D has been performed.	US informed that LOS-AA-W1 Att. 1D complete.	_____	_____	_____
*6.	Informs US of applicable T.S.'s	T.S. 3.8.1 Cond. A; RA A.1,A.2 and A.3 entered. (Unit 1 and 2)	_____	_____	_____
Term Cue	Acknowledge report The JPM is considered complete at this time.				

Job Performance Measure (JPM)

JPM Stop Time: _____

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Verify Offsite Power Lineup
 JPM Number: SA.1.2 Revision Number: 00
 Task Number and Title:
655.010 Perform LOS-AA-W1

K/A Number and Importance:

Suggested Testing Environment: Simulator/Control Room

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** _____ minutes

References: LOS-AA-W1 Rev 48

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 and 2 are at near rated conditions.
- You are the extra RO.
- It is a normal working day.

INITIATING CUE

The Unit Supervisor has assigned you to perform Attachment 1D of LOS-AA-W1.
Notify the US when Att. 1D is complete.

Exelon Nuclear

Job Performance Measure

DETERMINE ALLOWED EOOS COMBINATIONS

JPM Number: SA.2.1

Revision Number: 00

Date: 01/26/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 78. Task description and number, JPM description and number are identified.
- _____ 79. Knowledge and Abilities (K/A) references are included.
- _____ 80. Performance location specified. (in-plant, control room, or simulator)
- _____ 81. Initial setup conditions are identified.
- _____ 82. Initiating and terminating cues are properly identified.
- _____ 83. Task standards identified and verified by SME review.
- _____ 84. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 85. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
 Procedure Rev. _____ Date _____
- _____ 86. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 87. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 88. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

 SME/Instructor

 Date

 SME/Instructor

 Date

 SME/Instructor

 Date

Job Performance Measure (JPM)

Revision Record (Summary)

12. Revision 00, New JPM.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

13. No simulator setup required.
14. A copy of the Tech Specs and LOA-HD-101 must be available to the trainee.

Job Performance Measure (JPM)

INITIAL CONDITIONS

You are an extra SRO on shift.

Unit 1 is operating in single loop operations. All required actions for single loop operation have been completed.

Subsequently a loss of feed water heating occurred on Unit 1. The loss of feedwater heating is of such a nature that it will not be recovered for at least 8 hours. The crew entered LOA-HD-101 and is following the procedure. Unit 1 Rx power is 75%, and feedwater temperature is 310°F before the crew starts to reduce Rx power in accordance with LOA-HD-101.

INITIATING CUE

The Shift Manager has assigned you to determine the Tech Spec required actions, if any. Inform the Shift Manager when you have completed this task.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
1.	Reviews LOA-HD-101 for applicability	Examinee reviews section B.1 for Loss of Feedwater Heating.	_____	_____	_____
<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> Cue: If asked for an OD-20 or to talk to a QNE, report the QNE has been informed and will contact the shift upon arrival. </div>					
2.	Plots the temperature on the curve for Rx Power and Temperature.	Examinee <ul style="list-style-type: none"> Determines the Feedwater Heating is Declared OOS, per graph in LOA-HD-101 Determines Unit 1 is operating in a condition not specified in the COLR (Core Operating Limits Report). The combination of FW Heating OOS & SLO is not allowed per the COLR. 	_____	_____	_____
<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> Note: Performance of Step 3 or 4 would meet the conditions of the critical step. </div>					
*3.	Refers to Tech Spec 3.2.2 for MCPR	Examinee <p>Determines TS actions</p> <ul style="list-style-type: none"> Restore MCPR to within limits in 2 hours Reduce Thermal Power to <25% RPT in the next 4 hours. <p>NOTE: Cue states that feedwater heating will not be available for 8 hours, so the 4 hour action should be entered.</p>	_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
*4.	Refers to Tech Spec 3.2.3 for LHGR	<p>Examinee</p> <p>Determines TS actions</p> <ul style="list-style-type: none"> Restore LHGR to within limits in 2 hours Reduce Thermal Power to <25% RPT in the next 4 hours. <p>NOTE: Cue states that feedwater heating will not be available for 8 hours, so the 4 hour action should be entered.</p>	_____	_____	_____
<div style="border: 1px solid black; padding: 5px; background-color: #f0f0f0;"> <p>NOTE The requirement is to get both the 2 hour & 4 hour Timeclocks correct. The reason may or may not be communicated to the Shift Manager.</p> </div>					
*5.	Informs the Shift Manager of the TS Timeclocks due to a non-allowed combination of Equipment OOS.	Informs the Shift Manager of the TS Timeclocks	_____	_____	_____

JPM Stop Time: _____

.....

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Determine Allowed EOOS Combinations
 JPM Number: SA.2.1 Revision Number: 00
 Task Number and Title:

774.010 Given the proper procedure and a Tech Spec which requires a timeclock for actions, identify and prepare the Technical Specification required actions IAW station procedures.

K/A Number and Importance: 2.1.11, K/A importance RO 3.0 SRO 3.8

Suggested Testing Environment: Simulator or any classroom with procedures available

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☐ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☐ No

Estimated Time to Complete: minutes **Actual Time Used:** minutes

References: LOA-HD-101, Rev. 7, T.S. 3.2.2 and 3.2.3.

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____



INITIAL CONDITIONS

You are an extra SRO on shift.

Unit 1 is operating in single loop operations. All required actions for single loop operation have been completed.

Subsequently a loss of feed water heating occurred on Unit 1. The loss of feedwater heating is of such a nature that it will not be recovered for at least 8 hours. The crew entered LOA-HD-101 and is following the procedure. Unit 1 Rx power is 75%, and feedwater temperature is 310°F before the crew starts to reduce Rx power in accordance with LOA-HD-101.

INITIATING CUE

The Shift Manager has assigned you to determine the Tech Spec required actions, if any. Inform the Shift Manager when you have completed this task.

Exelon Nuclear

Job Performance Measure

Radwaste Discharge Source Check

JPM Number: SA.3.1

Revision Number: 00

Date: 3/5/2003

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 89. Task description and number, JPM description and number are identified.
- _____ 90. Knowledge and Abilities (K/A) references are included.
- _____ 91. Performance location specified. (in-plant, control room, or simulator)
- _____ 92. Initial setup conditions are identified.
- _____ 93. Initiating and terminating cues are properly identified.
- _____ 94. Task standards identified and verified by SME review.
- _____ 95. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 96. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 97. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 98. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 99. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor

Date

SME/Instructor

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

13. **Revision 00,** New JPM for ILT 02-01.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

15. Reset to any power IC.
16. **IOR R1284 OFF** (Liquid RW Mon. Hi-Hi/INOP)
17. Provide a marked up copy of LOP-WF-20, “Radwaste Discharge Tank Discharge to the Lake Blowdown Line”.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 and Unit 2 are at 100% power.
- OLS006, Makeup Blowdown Cross Connect Valve is closed.
- 1WF05T, U1 Radwaste Discharge Tank has been on recirculation and samples taken are within discharge specifications.
- Lake Blowdown Flow control Valve position (0WL005) is 30% IAW Outside Operator Rounds.
- Lake Level is 701.5 ft.
- Blowdown Flow Monitor 0FX-WL071 indicates 27,100 gpm.
- LOP-WF-20 has been completed up to E.4.2 and page 12 and to 1.20 of Att. A.
- LIS-PR-001 was performed at 0700 this morning with the following results:
 1. High Alarm/Trip setpoint at $2E10^5$
 2. High High Alarm/Trip setpoint at $6E10^5$

INITIATING CUE

The US has directed you to perform LOP-WF-20 step E.4.2 (Att. A from Step 1.20 through Step 1.20.8.) Inform the US when step 1.20.8 of Att. A is complete.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Job Performance Measure (JPM)

Number any comments in the “Comment Number” column on the following pages. Then annotate that comment in the “Comments” section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
1.	Record background radiation reading.	Background radiation reading recorded.	_____	_____	_____
2.	Record "as left" High Alarm/Trip setpoint from most recent LIS-PR-001	High Alarm/Trip setpoint recorded as $2E10^5$ (from initial conditions).	_____	_____	_____
3.	Record "as left" High High Alarm/Trip setpoint from most recent LIS-PR-001.	High High Alarm/Trip setpoint recorded as $6E10^5$ (from initial conditions).	_____	_____	_____
4.	Record date of most recent LIS-PR-001.	Today's date recorded per initial conditions.	_____	_____	_____
*5.	Place Liquid Radwaste Discharge Monitor mode selector switch to CK SOURCE and record reading after it has stabilized. If no visible deflection notify US.	Mode selector switch to CK SOURCE and reading recorded after it has stabilized.	_____	_____	_____
Cue: If examinee checks recorder 0D18-R802 for response, if it doesn't agree, inform him that it reads the same as 0D18-K606.					
*6.	Check High-High Rad Inop alarm is received on Panel 1H13-P601-B302, if <u>NOT</u> Notify Unit Supervisor.	Unit Supervisor notified that alarm 1H13-P601-B302, <u>NOT</u> received.	_____	_____	_____
Cue: As US, "I'll notify the IM's that we did not receive the alarm. Continue with the procedure".					
*7.	Place Mode Selector Switch to OPERATE, Depress Reset (DNSCL/INOP) pushbutton and observe LCRM reading returns to normal.	Mode Selector Switch to OPERATE, Reset (DNSCL/INOP) pushbutton depressed.	_____	_____	_____
8.	Check background reading from Step 1.20.6 is within 20% of Step 1.20.1, if not, contact Unit Supervisor.	Background reading from step 1.20.6 is within 20% of step 1.20.1.	_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
9.	Sign source check performance.	Source check performance signed.	_____	_____	_____
10.	Notifies US that Step 1.20.8 is complete.	US notified step 1.20.8 complete.	_____	_____	_____

Cue: State JPM is complete when notified that step 1.20.8 is complete.

JPM Stop Time: _____

.....

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Determine if Discharge Tank Flowrates in Spec.
 JPM Number: A.3.1 Revision Number: 00
 Task Number and Title:
121.030 Perform the actions to discharge a Radwaste Discharge Tank to the
Lake Blowdown Line.

K/A Number and Importance:

272000 Knowledge of the effect that a loss or malfunction of the Radiation
Monitoring system will have on station liquid effluent releases 3.2/3.8

Suggested Testing Environment: Simulator

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☒ Yes ☐ No
☒ Perform **Alternate Path:** ☐ Yes ☐ No

Time Critical: ☐ Yes ☒ No **SRO Only:** ☐ Yes ☐ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** _____ minutes

References: LOP-WF-20 Rev 36

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

- Unit 1 and Unit 2 are at 100% power.
- OLS006, Makeup Blowdown Cross Connect Valve is closed.
- 1WF05T, U1 Radwaste Discharge Tank has been on recirculation and samples taken are within discharge specifications.
- Lake Blowdown Flow control Valve position (0WL005) is 30% IAW Outside Operator Rounds.
- Lake Level is 701.5 ft.
- Blowdown Flow Monitor 0FX-WL071 indicates 27,100 gpm.
- LOP-WF-20 has been completed up to E.4.2 and page 12 and to 1.20 of Att. A.
- LIS-PR-001 was performed at 0700 this morning with the following results:
 1. High Alarm/Trip setpoint at $2E10^5$
 2. High High Alarm/Trip setpoint at $6E10^5$

INITIATING CUE

The US has directed you to perform step E.4.2 (Att. A from Step 1.20 through Step 1.20.8.) Inform the US when step 1.20.8 of Att. A is complete.

Exelon Nuclear

Job Performance Measure

Determine PARS and Fill Out NARS Form for Transmittal

JPM Number: SA.4.1

Revision Number: 0

Date: 4/30/03

Developed By: _____
Facility Author Date

Approved By: _____
Facility Representative Date

Job Performance Measure (JPM)

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 through 11 below.

- _____ 100. Task description and number, JPM description and number are identified.
- _____ 101. Knowledge and Abilities (K/A) references are included.
- _____ 102. Performance location specified. (in-plant, control room, or simulator)
- _____ 103. Initial setup conditions are identified.
- _____ 104. Initiating and terminating cues are properly identified.
- _____ 105. Task standards identified and verified by SME review.
- _____ 106. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- _____ 107. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____
- _____ 108. Pilot test the JPM:
 - a. verify cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- _____ 109. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- _____ 110. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor

Date

SME/Instructor

Date

SME/Instructor

Date

Job Performance Measure (JPM)

Revision Record (Summary)

14. **Revision 00,** Developed for ILT 02-01 NRC exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

N/A

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 has experienced a LOCA in the B RR loop. (7 minutes ago)
- The reactor scrammed and all rods are full in.
- Drywell pressure is stable at 4 psig.
- All required PCIS isolations are complete.
- Reactor pressure is at 800 psig and lowering at 2 psig/min. due to the leak.
- Reactor level is being maintained at 36 inches with the MDRFP.
- Containment rad levels have risen to 2550 R/Hr.
- The wind direction is from 295 degrees and indicated speed is 6 mph.
- U-1 SBTG is running maintaining reactor building dp at -0.3 inches H_2O .
- Stack WRGM reading is $2.8E8$ uci/sec.
- SBTG WRGM is reading $2.1E8$ uci/sec.
- No area temperatures or rad levels are greater than Max Safe limits.
- The A-Model is NOT available.
- The ENS communicator will fill out the ENS worksheet.

INITIATING CUE

As acting station director you just have correctly classified the GSEP event as a General Emergency, EAL RG1.

- Determine the Protective Action Recommendations for offsite personnel.
- Prepare a Nuclear Accident Reporting System (NARS) form for transmittal by the GSEP communicator.

THIS IS A TIME CRITICAL JPM.

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

.....

Job Performance Measure (JPM)

Information For Evaluator's Use:

UNSAT requires written comments on respective step.

* Denotes CRITICAL steps.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. 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 timeclock starts when the candidate acknowledges the initiating cue.

.....

Job Performance Measure (JPM)

JPM Start Time: _____

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment Number</u>
1.	Obtain copy of EP procedures.	Examinee demonstrates where EP procedures can be obtained.	_____	_____	_____
Cue:	After examinee demonstrates where EP's can be obtained, provide a copy of EP-AA-111 and EP-MW-114-100.				
2.	Obtain blank NARS form.	Examinee demonstrates where NARS form can be obtained.	_____	_____	_____
Cue:	After examinee demonstrates where NARS forms can be obtained, provide examinee with a copy of a NARS form.				
3.	Utilize EP-AA-111 to determine which attachment to use to determine PAR.	Utilize EP-AA-111 and determine that PARS should be determined using Att. 5 of EP-AA-111.	_____	_____	_____
*4.	Utilize EP-AA-111 Att. 5 to determine PAR.	Per Att. 5 of EP-AA-111: <ul style="list-style-type: none"> • Answers YES to General Emergency Declared. • Answers YES to loss of Fuel Fission Product Barrier. • Answers YES to loss of RCS Fission Product Barrier. • Answers NO to Loss of Containment Fission Product Barrier. 	_____	_____	_____
5.	Record PARS on NARS form.	Examinee records PARS on NARS form.	_____	_____	_____
6.	In Utility Message block write 1.	Examinee writes 1 in Utility Message block.	_____	_____	_____
7.	In Item 1 mark B	Examinee marks Item 1 B.	_____	_____	_____
8.	In Item 2 mark E	Examinee marks Item 2 E.	_____	_____	_____
9.	In Item 3 mark D.	Examinee marks Item 3 D.	_____	_____	_____
10.	In Item 4 write (time and date) and EAL RG1.	Examinee writes (time and date) and RG1 in item 4.	_____	_____	_____
11.	In ACCIDENT TERMINATED section write N/A in each blank.	Examinee write N/A in each blank of ACCIDENT Terminated section.	_____	_____	_____
12.	In Item 5 mark B.		_____	_____	_____

Job Performance Measure (JPM)

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
13.	In Item 6 mark B.	Examinee marks item 6B,	_____	_____	_____
14.	In Item 7 write 295.	Examinee writes 295 in Item 7.	_____	_____	_____
15.	In Item 8B, mark and write 6.	Examinee marks 8B and writes 6.	_____	_____	_____
*16.	In Item 9, marks B and writes 1 in sub-area.	Examinee marks B in item 9 and writes 1 in sub-area.	_____	_____	_____
17.	In Item 10 write N/A or some additional information.	Examinee writes none or N/A in Item 10.	_____	_____	_____
18.	Initial and time the approval block.	Examinee initials and times the Approved by Block	_____	_____	_____
19.	Give NARS form to the communicator.	<u>Examinee gives completed NARS form to the examiner.</u>	_____	_____	_____
Cue:	This JPM is considered complete.		_____	_____	_____
			_____	_____	_____
			_____	_____	_____
			_____	_____	_____
			_____	_____	_____
Terminating Cue					

JPM Stop Time: _____
|

Job Performance Measure (JPM)

Operator's Name: _____
 Job Title: ☐ NLO ☐ RO ☐ SRO ☐ STA ☐ SRO Cert

JPM Title: Determine PARS and Fill Out a NARS Form
 JPM Number: SA.4.1 Revision Number: 0
 Task Number and Title:
 29538.13 Fill out a NARS form IAW EP-MW-114-100
 8024 Recommend protective action to public officials.

K/A Number and Importance: 2.4.38 2.2/4.0

Suggested Testing Environment: Simulator

Actual Testing Environment: ☐ Simulator ☐ Plant ☐ Control Room

Testing Method: ☐ Simulate **Faulted:** ☐ Yes ☒ No
☒ Perform **Alternate Path:** ☐ Yes ☒ No

Time Critical: ☒ Yes ☐ No **SRO Only:** ☐ Yes ☐ No

Estimated Time to Complete: 15 minutes **Actual Time Used:** _____ minutes

References: EP-MW-114-400 Rev. 1 and EP-AA-111 Rev. 5

EVALUATION SUMMARY:

Were all the Critical Elements 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: _____ (Print)

Evaluator's Signature: _____ Date: _____

INITIAL CONDITIONS

{Student Copy}

INITIAL CONDITIONS

- Unit 1 has experienced a LOCA in the B RR loop.(7 minutes ago)
- The reactor scrammed and all rods are full in.
- Drywell pressure is stable at 4 psig.
- All required PCIS isolations are complete.
- Reactor pressure is at 800 psig and lowering at 2 psig/min. due to the leak.
- Reactor level is being maintained at 36 inches with the MDRFP.
- Containment rad levels have risen to 2550 R/Hr.
- The wind direction is from 295 degrees and indicated speed is 6 mph.
- U-1 SBTG is running maintaining reactor building dp at -0.3 inches H₂O.
- Stack WRGM reading is 2.8E8 uci/sec.
- SBTG WRGM is reading 2.1E8 uci/sec.
- No area temperatures or rad levels are greater than Max Safe limits.
- The A-Model is NOT available.
- The ENS communicator will fill out the ENS worksheet.

INITIATING CUE

As acting station director you just have correctly classified the GSEP event as a General Emergency, EAL RG1.

- Determine the Protective Action Recommendations for offsite personnel.
- Prepare a Nuclear Accident Reporting System (NARS) form for transmittal by the GSEP communicator.

THIS IS A TIME CRITICAL JPM.

