Exelon Nuclear

Job Performance Measure

PERFORM OFFSET 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.

_____ 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,** New JPM

MATERIALS

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

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. Reset the simulator to any full power IC.
2. This completes the setup for this JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 and 2 are at near rated conditions.
- 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.

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: _____

STEP	ELEMENT	STANDARD	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 and • L0103 or L0104	Verifies the following available. • L0101 or L0102 and • L0103 or L0104	____	____	____
*3.	VERIFY SAT TR 142 is available to supply power to Buses 141Y, 142Y and 143. • ACB 1412 OPERABLE/closed and • ACB 1422 OPERABLE/closed and • ACB 1432 OPERABLE/closed	ACB's 1412, 1422 and 1432 verified operable and closed.	____	____	____

Job Performance Measure (JPM)

STEP	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
*4.	Verify –the alternate qualified offsite circuit is available to supply power to Buses 141Y and 142Y: o The other Unit SAT TR 242 available with: • ACB 2412, 2414, and 1414 OPERABLE/closed. • ACB 2422, 2424 and 1424 OPERABLE/closed. o The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: • ACB 2411, 2415, 2414 and 1414 OPERABLE/closed. • ACB 2421, 2425, 2424 and 1424 OBERABLE/closed.	Following verified: o The other Unit SAT TR 242 available with: • ACB 2412, 2414, and 1414 OPERABLE/closed. • ACB 2422, 2424 and 1424 OPERABLE/closed. o The other Unit UAT TR 241 Backfed per LOP-AP-01, including appropriate attachments, with: • ACB 2411, 2415, 2414 and 1414 OPERABLE/closed. • ACB 2421, 2425, 2424 and 1424 OBERABLE/closed.*	____	____	____
Cue	When requested, U-2 ACB's are OPERABLE.				
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.				

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 ❑ ☐ Perform **Faulted:** ❑ ☐ Yes ☒ No **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.
- It is a normal working day.

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.

_____ 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,** 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.

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)

SIMULATOR SETUP INSTRUCTIONS

3. No simulator setup required.

Job Performance Measure (JPM)

INITIAL CONDITIONS

You are a Reactor Operator with an active NRC license as of 1/1/03.

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.

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.

Job Performance Measure (JPM)

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: _____

STEP	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
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 1st 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 2nd, 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.**				
*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 ❑ ☐ Perform **Faulted:** ❑ ☐ Yes ☒ No **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 as of 1/1/03.

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.

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.

_____ 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)

3. **Revision 00,** New JPM

4. **Revision 01**, Made IBM computer inoperable at start of JPM with Unit Log already6 in progress, removed simulator setup instructions.

5. **Revision 02**, Added notes for possibility of common log entry and placing stickers on annunciators.

6. **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

4. 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.

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: _____

STEP	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
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 correct.	____	____	____
Note	Steps 3, 4 and 5 may occur in either order.				
Note	The candidate may identify annunciators by placing a sticker on the affected windows.				
*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	____	____	____
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.				
*5.	Log entry made denoting start of surveillance	Enters procedure number and Technical Specification start time in the Unit Log.	____	____	____
6.	Inform Unit Supervisor of Technical Specification timeclock start.		____	____	____
TerminatingCue	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 ❑ ☐ Perform **Faulted:** ❑ ☐ Yes ☒ No **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 Stop E.1.4.

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.

_____ 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

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

Job Performance Measure (JPM)

Revision Record (Summary)

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

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

5. Reset to any power IC.

6. 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 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 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.

Job Performance Measure (JPM)

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: _____

	ELEMENT		SAT	UNSAT	Comment Number
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 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.	___	___	____
*6.	Check High-High Rad Inop alarm is received on Panel 1H13-P601 B302, if NOT Notify Unit Supervisor.	Unit Supervisor notified that alarm 1H13-P601 B302 NOT received.	___	___	____
Cue:	As US, "I'll notify the IM's that we did not receive the alarm".				
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.	___	___	____
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 ■ Perform **Faulted:** ■ Yes ❑ No **Alternate Path:** ❑ Yes ❑ No

Time Critical: ❑ 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.
- 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:

3. High Alarm/Trip setpoint at $2E10^5$
4. High High Alarm/Trip setpoint at $6E10^5$

Exelon Nuclear

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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.

_____ 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

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

Job Performance Measure (JPM)

Revision Record (Summary)

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

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

7. 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 scrammed. 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 possibly broken his ankle.
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.

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: _____

STEP	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
1.	Obtain a copy of LAP-950-3 "Handling Personnel Injuries"	Examinee identifies where LAP's can be obtained	____	____	____
CUE	After examinee identifies where LAPs can be obtained, provide examinee with copy of LAP9503				
*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.	____	____	____
CUE	As Seneca Emergency Services, inform examinee that someone is available and will be there ASAP.				
*5.	Notify Security at 2220 or 2611 that at ambulance has been called to respond to the station.	Security notified.	____	____	____
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 theatening.				
*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.	Nursing Supervisor informed.	____	____	____
Terminating	Acknowledge direction. This				

Job Performance Measure (JPM)

STEP	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
	Cue 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 ❑ ☐ Perform **Faulted:** ❑ ☐ Yes ☒ No **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: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

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