

PROPOSED NRC-AUTHORIZED ADMINISTRATIVE JPMS

FOR THE LASALLE INITIAL EXAMINATION - APRIL 2002

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Conduct of Operations Questions:
Overtime Question
License Reactivation Question

Examination Level: RO

AM

Date: April 8, 2002

Developed by: Raymond Keith Walton

Date: _____

Reviewed by: _____

Date: _____

Approved by: _____

Date: _____

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.1.a

Task Title: Overtime Question & License Reactivation Question (Conduct of Operations)

Job Performance Measure No: _____

K/A Reference: 2.1.1

K/A Importance: 3.7/3.8

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Time Critical Task: **NO**

Estimated Completion Time: _____

Method of testing:

Performance: _____ Simulated
 X Actual

Location: X Simulator
 _____ Plant

Task Standard:

Required Materials:

General References:

LS-AA-119, Overtime Controls, Rev. 3.

OP-AA-101-701, NRC Active License Maintenance, Rev. 2.

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task. References can be used.

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a reactor operator on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the reactor operators position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

Q2: During the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit NSO position. Can you stand watch as the Unit NSO without instruction today? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. None

JOB PERFORMANCE MEASURE

Operating Test A1, Conduct of Operations

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a reactor operator on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the reactor operators position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Operating Test A.1, Conduct of Operations

Q2: During the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit NSO position. Can you stand watch as the Unit NSO without instruction today? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a reactor operator on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the reactor operators position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

A1: Yes you need an Overtime Guidance Deviation Authorization prior to taking the watch. You have worked a total of 17.5 hours but must exclude 1 hour of non Generic Letter 82-12 hours (breaks and meals). This totals 16.5 hours worked in a 24 hour period. You must have 8 hours of rest prior to taking the watch. Those 8 hours started when you commenced turnover at midnight. Therefore, you can not take the watch prior to 8:00 am the following day.

Reference LS-AA-119, Overtime Controls

JOB PERFORMANCE MEASURE

Operating Test A.1, Conduct of Operations

Q2: During the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit NSO position. Can you stand watch as the Unit NSO without instruction today? Why or why not? Justify your answer.

A2: No. RO and SRO licenses can be maintained by actively performing the functions of RO (Unit NSO or Assistant NSO) or SRO (Shift Manager or Unit Supervisor) for a minimum of seven 8-hour shifts or five 12-hour shifts per calendar quarter.

Reference: OP-AA-101-701, NRC Active License Maintenance

(CUE) THIS COMPLETES THIS JPM

Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name: _____

Examiner's Name: _____

Date performed: _____

Number of attempts: _____

Time to complete: _____

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Conduct of Operations Questions:
Overtime Question
License Reactivation Question

All

Examination Level: SRO /SRO(I)

Date: April 8, 2002

Developed by: Raymond Keith Walton

Date: _____

Reviewed by: _____

Date: _____

Approved by: _____

Date: _____

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.1.a

Task Title: Overtime Question & License Reactivation Question (Conduct of Operations)

Job Performance Measure No: _____

K/A Reference: 2.1.1

K/A Importance: 3.7/3.8

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Time Critical Task: **NO**

Estimated Completion Time: _____

Method of testing:

Performance: _____ Simulated
X Actual

Location: X Simulator
_____ Plant

Task Standard:

Required Materials:

General References:

LS-AA-119, Overtime Controls, Rev. 0

OP-AA-101-701, NRC Active License Maintenance, Rev. 2.

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task. References are available for use.

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a unit supervisor on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the unit supervisor position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

Q2: If in the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit Supervisor position. Can you stand and watch as the Unit Supervisor without instruction today? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. None

JOB PERFORMANCE MEASURE

Operating Test A1, Conduct of Operations

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a unit supervisor on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the unit supervisor position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Operating Test A.1, Conduct of Operations

Q2: During the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit Supervisor position. Can you stand watch as the Unit Supervisor without instruction today? Why or why not? Justify your answer.

JOB PERFORMANCE MEASURE

Q1: The plant is in Mode 1 with normal maintenance activities in progress. You are a unit supervisor on Unit 1 working an 8-hour shift. You take the shift (after turnover) at 6:30 am. You take a total of 30 minutes for lunch and breaks on the 2nd shift. Your relief calls in sick and you must work a double shift. You take another 30 minutes for dinner and breaks on the 3rd shift. You commence turnover at midnight and leave the site shortly thereafter. Tomorrow, you must take the unit supervisor position on Unit 1 (after turnover) by 6:30 am. Do you need an Overtime Guidance Deviation Authorization prior to taking the watch? Why or why not? Justify your answer.

A1: Yes you need an Overtime Guidance Deviation Authorization prior to taking the watch. You have worked a total of 17.5 hours but must exclude 1.0 hour of non Generic Letter 82-12 hours (breaks and meals). This totals 16.5 hours worked in a 24 hour period. You must have 8 hours of rest prior to taking the watch. Those 8 hours started when you commenced turnover at midnight. Therefore, you can not take the watch prior to 8:00 am the following day.

Reference LS-AA-119, Overtime Controls

JOB PERFORMANCE MEASURE

Operating Test A.1, Conduct of Operations

Q2: During the last quarter you were on medical leave for 6 weeks, then returned to work as an operations procedure writer for the remainder of the quarter. Your requalification and respirator training is current. You have returned to the control room 4 days ago and have performed a plant tour and shift turnover. You have completed three 12-hour shifts, under instruction, in the Unit Supervisor position. Can you stand watch as the Unit Supervisor without instruction today? Why or why not? Justify your answer.

A2: No. RO and SRO licenses can be maintained by actively performing the functions of RO (Unit NSO or Ass tant NSO) or SRO (Shift Manager or Unit Supervisor) for a minimum of seven 8-hour or five 12-hour shifts per calendar quarter.

Reference: OP-AA-101-701, NRC Active License Maintenance

(CUE) THIS COMPLETES THIS JPM

Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name: _____

Examiner's Name: _____

Date performed: _____

Number of attempts: _____

Time to complete: _____

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Perform Core Operating Limits Surveillance

Examination Level: RO/SRO

Date: April 8, 2002

Developed by: Raymond Keith Walton

Date: 3/14/2002

Reviewed by: _____

Date: _____

Approved by: _____

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.1.b

Task Title: Core Operating Limits Reports Surveillance

Job Performance Measure No: _____

K/A Reference: 2.1.7

K/A Importance: 3.7/4.4

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Estimated Completion Time: 5 min

Time Critical Task: **NO**

Method of testing:

Performance: _____ Simulated
X Actual

Location: X Simulator
_____ Plant

Task Standard:

Required Materials:

CMSS Core Performance Log for Unit at full power - OD20 (defective).
Control Rod Position (OD 7),
Core Performance Log and Fuel Bundle Thermal Data (OD6)

General References:

LOS-AA-S101, Unit 1 Shiftly Surveillance, Rev 7, 4/26/2001
LOP-CX-20, Core Power Distribution Calculation (OD 20), Rev 10, 3/14/2000
LOP-CX-07, Control Rod Position (OD 7), Rev 2, 1/5/1989
LOP-CX-06, Core Performance Log and Fuel Bundle Thermal Data (OD6), Rev 6, 3/6/2001

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task.

Initial Conditions:

You are the NSO on Unit 1. Unit 1 is operating at full power on 107.2% rod line.

Initiating Cue:

The Core PowerPlex printout has just indicated that the Core Power is low. Perform LOS-AA-S101 Unit 1 Shiftly Surveillance, Section E.1.2.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. Have candidate demand an OD-7 printout, OD-20 printout and an OD-6 printout. The examiner will present them with the necessary printouts after each one is demanded.
2. Faults on printouts: MAPRAT reads 1.01
Control Rod out of sequence/symmetry

JOB PERFORMANCE MEASURE

INITIAL CONDITIONS

Initial Conditions:

You are the NSO on Unit 1. Unit 1 is operating at full power on 107.2% rod line.

Initiating Cue:

The 0700 PowerPlex printout has printed. Perform LOS-AA-S101, "Unit 1 Shiftly Surveillance," Section E.1.2.

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

<u>Element</u>	<u>Expected Response</u>	SAT	UNSAT	Comment #
		___	___	___
1. REVIEW copy of LOS-AA-S101, Unit 1 Shiftly Surveillance				
*2. DEMANDS OD-7 program per LOP-CX-07, Option 2.	CUE: After candidate demands printout, provide candidate a copy of OD-7 printout.	___	___	___
*3. REVIEWS printout for core symmetry and rods out of position. NOTIFIES Supervisor	Notifies Supervisor core <u>NOT</u> symmetrical, rod out of position.	___	___	___
*4. DEMANDS CMSS Core Performance Log per LOP-CX-20 (OD-20) or an OD-6 program per LOP-CX-06.	CUE: After candidate demands prinout, provide candidate a copy of OD-20 printout or OD-6 printout.	___	___	___
*5. CHECK APLHGR by verifying MAPRAT ≤ 1.00 . REPORT that MAPRAT NOT ≤ 1.00 . IDENTIFY TS 3.2.1.1. applies.	MAPRAT <u>NOT</u> ≤ 1.00 CUE: Unit Supv. will review TS ACTION statement to ensure compliance.	___	___	___

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

		SAT	UNSAT	Comment #
<u>Element</u>	<u>Expected Response</u>			
7. CHECK MFLPD is ≤ 1.00 and MFDLRX is ≤ 1.00	MFLPD is ≤ 1.00 and MFDLRX is ≤ 1.00	___	___	___
8. CHECK MCPR by verifying MFLCPR is ≤ 1.00	MFLCPR is ≤ 1.00	___	___	___
9. CHECK difference between APRM channels & calculated power. VERIFY difference $\leq 2\%$.	Absolute difference between APRM channels and calculated power $\leq 2\%$.	___	___	___
10. CHECK Power to Flow Map that unit operation is in Region C (III).	Unit is operating in Region C (III).	___	___	___
11. CHECK Power to Flow Map that unit is <u>NOT</u> operating outside of the analyzed MELLLA region.	Unit is <u>NOT</u> operating outside of analyzed MELLLA region.	___	___	___

(CUE) THIS COMPLETES THIS JPM
Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name: _____

Examiner's Name: _____

Date performed: _____

Number of attempts: _____

Time to complete: _____

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Review an Out of Service

Examination Level: RO /SRO /SRO(U)

Date: April 8, 2002

Developed by: Raymond Keith Walton

Date: 3/13/2002

Reviewed by: _____ Date: _____

Approved by: _____ Date: _____

X

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.2

Task Title: Review an Out of Service

Job Performance Measure No: _____

K/A Reference: 2.2.13

K/A Importance: 3.6/3.8

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Estimated Time of Completion _____

Time Critical Task: **NO**

Method of testing:

Performance: _____ Simulated
 X Actual

Location: X Simulator
 _____ Plant

Task Standard:

Required Materials:

A prepared POOS package ready for second verification with errors:

- An OOS request including the EPN, fictitious WR number, isolation type (mechanical & electrical) and total work scope.
- Data pages for equipment to be tagged.

General References:

OP-AA-101-201 available for review.

PNIDs available for review.

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task.

Initial Conditions:

Unit 1 is shutdown in Mode 5 for an outage. You are an extra NSO reviewing POOS. The EWCS system is unavailable to you.

Initiating Cue:

The Work Execution Center Supervisor directs you to provide a review of a POOS for replacement of the _____ for log pump. Inform the Work Execution Center Supervisor when your review is complete or if a revision is required.

X

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. None

JOB PERFORMANCE MEASURE

INITIAL CONDITIONS

Initial Conditions:

- Unit 1 is shutdown in Mode 5 for an outage.
- You are an extra NSO reviewing POOS.
- The EWCS system is unavailable to you.

Initiating Cue:

The Work Execution Center Supervisor directs you to provide a review of a POOS for replacement of the LPCS water leg pump. Inform the Work Execution Center Supervisor when your review is complete or if a revision is required.

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

NOTE: The candidate may review OP-AA-101-201, Station Equipment Out of Service prior to and/or during the review

			SAT	UNSAT	Comment #
	<u>Element</u>	<u>Expected Response</u>			
1.	Review OOS request to determine scope.	OOS reviewed	—	—	—
2.	Utilize Attachment 4, Hang Activity Preparer's Checklist.	Utilizes Attachment 4.	—	—	—
*3.	ENSURE an adequate zone of protection is provided for all attached work request tasks, and that Boundary Verification and sequencing are correct.	Candidate determines zone of protection is NOT adequate. Did not tag out of service valve F085A.	—	—	—
*4.	RETURN for revision or REVISE the OOS if discrepancies are identified.	Candidate returns POOS to Work Execution Center Supv or Unit Supv identifying that OOS did not include valve F085A.	—	—	—

(CUE) THIS COMPLETES THIS JPM
Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name:

Examiner's Name:

Date performed:

Number of attempts:

Time to complete:

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Review a Radiation Work Permit

Examination Level: RO /SRO /SRO(I)

Date: April 8, 2002

Developed by: Raymond Keith Walton Date: March 14, 2002

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.3

Task Title: Review a Radiation Work Permit

Job Performance Measure No: _____

K/A Reference: 2.3.10

K/A Importance: 2.9/3.3

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Estimated Time to Completion: _____

Time Critical Task: **NO**

Method of testing:

Performance: ☒ Simulated
 ☐ Actual

Location: ☒ Simulator
 ☐ Plant

Task Standard:

Required Materials:

A completed RWP for TIP room. Ensure dose rate on the survey map is >500rad/hr in the work area.
Expected time to complete the task is 15 minutes.

General References (Available for candidate review):

RP-AA-203, Exposure Review and Authorization, Rev 0

RP-AA-460, Controls for High and Very High Radiation Areas, Rev 1.

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task.

Initial Conditions:

Unit 1 is operating in Mode 1. Your current radiation exposure history is as follows:

- Annual Non LaSalle Station TEDE Dose 1490 mrem
- Annual LaSalle Station TEDE Dose 420 mrem
- Previous 24 hour DDE dose at LaSalle from 10 mrem
RWP's other than RWP 2002-0999

You are not considered to have a High Lifetime Exposure.

Initiating Cue:

You have been assigned to the FIN maintenance team and have been tasked to support a maintenance activity inside the TIP room. To complete the task will take at least 15 minutes. Review your dose and area maps to determine how to complete this task:

- Without exceeding any exposure control levels
- What controls you need to gain access to the room
- Suiting requirements
- Dosimetry.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. Need: an RWP
Rad Survey map of TIP room with radiation levels of 500 mrad hr.

JOB PERFORMANCE MEASURE

Initial Conditions:

Unit 1 is operating in Mode 1. Your current radiation exposure history is as follows:

- Annual Non LaSalle Station TEDE Dose 1490 mrem
- Annual LaSalle Station TEDE Dose 420 mrem
- Previous 24 hour DDE dose at LaSalle from RWP 2002-0999 10 mrem

You are not considered to have a High Lifetime Exposure.

Initiating Cue:

You have been assigned to the FIN maintenance team and have been tasked to support a maintenance activity inside the TIP room. To complete the task will take at least 15 minutes.

Review your dose and area maps to determine how to complete this task:

- Without exceeding any exposure control levels
- What controls you need to gain access to the room
- Suiting requirements
- Dosimetry.

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

NOTE to Examiner: The candidate may complete the elements portion of this JPM in any order.

			SAT	UNSAT	Comment #
	<u>Element</u>	<u>Expected Response</u>			
1.	REVIEWS RWP 2002-0999.	RWP 2002-0999 reviewed	—	—	—
*2.	COMPUTES maximum expected dose for job as: 500 mrad X 1 mrad/mrem (QF) X 0.25 hrs = 125 mrem	Determines that Gamma radiation has a Quality Factor of 1. Completes dose estimate calculation.	—	—	—
*3.	DETERMINES that TEDE with job will exceed RP-AA-203 administrative exposure limits. NOTIFIES Supervisor that will need to have RPM permission to exceed 2000 mrem dose exposure limit.	1490 mrem + 420 mrem + 10+ 125mrem = 2045 mrem. This exceeds RP-AA-203 exposure limits of 2000 mrem. CUE: I will notify RPM of need to exceed exposure limit.	—	—	—
4.	DETERMINES that DDE with job will exceed RP-AA-203 administrative exposure limits. NOTIFIES Supervisor that will need to have RPM permission to exceed 300 mrem DDE exposure limit.	DDE Calculation: 190 mrem + 125 mrem = 315 mrem. This exceeds RP-AA-203 exposure limits of 300 mrem DDE. CUE: I will notify RPM of need to exceed DDE exposure limit.	—	—	—
*5.	DETERMINES that area is considered contaminated and will need Class 2 clothing.	RWP states that Class 2 clothing is required for entry.	—	—	—

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

<u>Element</u>	<u>Expected Response</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment #</u>
*6. NOTIFIES supervisor that this area is a Locked High Radiation Area and needs keys for entry.	RWP states that area is locked and RP must maintain control of keys.	___	___	___
*7. NOTIFIES supervisor that RP must be present upon entry into room.	RWP states that RP must be present when candidates enters room.	___	___	___
*8. (Special Dosimetry Req'ts?)	RWP states requirements for dosimetry.	___	___	___

(CUE) THIS COMPLETES THIS JPM
Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name: _____

Examiner's Name: _____

Date performed: _____

Number of attempts: _____

Time to complete: _____

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

Classify the GSEP Event, Determine PARS and
Complete a NARS Form for Transmittal

Examination Level: SRO / SRO(U)

Date: April 8, 2002

Developed by: Raymond Keith Walton Date: 3/14/2002

Reviewed by: _____ Date: _____

Approved by: _____ Date: _____

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.4

Task Title: Classify GSEP Event, Determine PARS and Complete a NARS Form for Transmittal

K/A Reference: 2.4.38

K/A Importance: 2.2/4.0

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Time Critical Task: **YES, From time candidate classifies the event, the candidate must complete NARS form and complete data transmission within 15 minutes.**

Estimated Time to Completion: _____

Method of testing:

Performance: X Simulated
 Actual

Location: X Simulator
 Plant

Task Standard:

Required Materials:

Blank NARS form from EP-AA-114, Attachment 1.

General References:

EP-AA-114, Notifications, Rev. 0

LaSalle JPM P-EP-04, Rev 3, 7/21/1999

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task.

Initial Conditions:

You are the Shift Manager with the following plant conditions: Unit 1 has experienced a small LOCA. All rods are in, Drywell pressure is stable a 4 psig, All required PCIS isolations are complete, Reactor pressure is 800 psig and lowering slowly, Reactor level is 36" with the MDRFP on line, Containment rad levels have risen to 8100 R/hr, U1 SBGT operating maintaining dP at -0.3 inch water. Stack WRGM reading 7.8E2 uCi/sec, SBGT WRGM reading 6.5E2 uCi/sec. The A-Model is NOT available.

Initiating Cue:

As Acting Station Director, classify this GSEP event, determine the Protective Action Recommendations for Offsite Personnel and prepare a Nuclear Accident Reporting System form for transmittal by a GSEP communicator. This is a time critical JPM.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. None

JOB PERFORMANCE MEASURE

INITIAL CONDITIONS

This is a Time Critical JPM.

Initial Conditions:

You are the Shift Manager with the following plant conditions:

- Unit 1 has experienced a small LOCA.
- All rods are in
- Drywell pressure is stable at 4 psig, (no venting in progress)
- All required PCIS isolations are complete
- Reactor pressure is 800 psig and lowering slowly
- Reactor level is 36' with the MDRFP on line
- Containment rad levels have risen to 8100 R/hr
- U1 SBGT operating maintaining dP at -0.3 inch water
- Stack WRGM reading 7.8E2 uCi/sec, SBGT WRGM reading 6.5E2 uCi/sec.
- The A-Model is NOT available.
- Wind Direction is 295 degrees.
- Wind Speed is 10 mph.

Initiating Cue:

As the Acting Station Director, you must:

1. Classify this GSEP event
2. Determine the Protective Action Recommendations for Offsite Personnel
3. Prepare a Nuclear Accident Reporting System form for transmittal by a GSEP communicator.

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

Provide candidate with copy of EP-AP-114, Notifications after candidate locates procedure.

<u>Element</u>	<u>Expected Response</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment #</u>
*1. Determines that GSEP event is an General Emergency FG-1.	CUE: Start time for 15-minute reporting requirement	___	___	___
2. Locates/Review EP-AP-114-100 Locates blank copy of NARs form.	CUE: Provide blank NARS form to candidate.	___	___	___
*3. FILLS out NARS form.	Fills out NARS form as follows: 1. Status: Exercise or Drill. 2. Station: LaSalle 3. Accident Classification: General Emergency. 4. Accident Classification Time: actual time. 5. Release to Env.: Occurring. 6. Type of Release: Gas.	___	___	___
*4. REFERS to EP-AA-111, Attach. 5, "LaSalle PAR Determination Flowchart."	NARS Form Block 9, Recommended Actions: Candidate Circles [B]. Enters "Sub Area 1".	___	___	___
5. Task Completed.	Hands form to examiner.	___	___	___

(CUE) THIS COMPLETES THIS JPM

Record Stop Time: _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name:

Examiner's Name:

Date performed:

Number of attempts:

Time to complete:

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

LASALLE COUNTY NUCLEAR STATION

JOB PERFORMANCE MEASURE

NARS Form Notification

Examination Level: RO

Date: April 8, 2002

Developed by: Raymond Keith Walton

Date: March 14, 2002

Reviewed by: _____

Date: _____

Approved by: _____

Date: _____

JOB PERFORMANCE MEASURE

Facility: LaSalle Nuclear Station

Task No: A.4

Task Title: NARS Form Notification

K/A Reference: 2.4.43

K/A Importance: 2.8/3.5

Examinee: _____

NRC Examiner: _____

Date: _____

Time Started: _____

Time Finished: _____

Estimated Time to Completion: _____

Time Critical Task: **YES**, 15 minutes from time candidate given NARS form until candidate establishes NARS communications.

Method of testing:

Performance: X Simulated
 Actual

Location: X Simulator
 Plant

Task Standard:

Required Materials:

EP-AA-114, Notifications, Rev. 0

General References:

EP-AA-114, Notifications, Rev. 0

READ TO THE EXAMINEE:

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. Tell me when you have successfully complete the task.

Initial Conditions:

You are an extra NSO. A General Emergency has been declared on Unit 1.

Initiating Cue:

The Shift Manager has given you a completed NARS form and has directed you to make the necessary state and local notifications per EP-AA-114, "Notifications," Attachment 2 for Unit 1. This is a time critical JPM.

JOB PERFORMANCE MEASURE

Simulator Setup Instructions:

1. None

JOB PERFORMANCE MEASURE

Initial Conditions:

You are an extra NSO. A General Emergency has been declared on Unit 1.

Initiating Cue:

The Shift Manager has given you a completed NARS form and has directed you to make the necessary state and local notifications per EP-AA-114, "Notifications," Attachment 2 for Unit 1. This is a time critical JPM.

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

**CUE: Provide candidate copy of completed NARS form.
START time clock when candidate understands task.**

<u>Element</u>	<u>Expected Response</u>	<u>SAT</u>	<u>UNSAT</u>	<u>Comment #</u>
1. REFERS to EP-AA-114, Attach. 2	Identifies EP-AA-114, Attachment 2 as correct procedure and section.	___	___	___
*2. LOCATES NARS telephone	Locates NARS telephone.	___	___	___
*3. DIALS the appropriate CODE on the NARS telephone.	Dials code 25 on NARS phone.	___	___	___
4. Repeats 3 times maximum: "This is the Exelon Nuclear LaSalle Control Room. Please standby for a NARS message."	Repeats message 3 times maximum.	___	___	___
5. Reads the following message: "This is the Exelon Nuclear LaSalle CR. Please standby to receive a NARS message for the LaSalle Station. Please respond as the roll is called."	Repeats message.	___	___	___

CUE: In next step, when candidate conducts roll call, examiner will answer as the responding agency. Also, when candidate calls for Illinois DNS, and EOF, examiner will remain silent (IDNS not on line, EOF not yet staffed).

*6. Conducts a roll call for following agencies: Illinois EMA, Grundy Co. Sheriff, LaSalle Co. Sheriff, LaSalle CR, Illinois DNS, Grundy Co. EMA, LaSalle Co. ESDA, LaSalle TSC, EOF (if staffed).	Conducts roll call. (Illinois DNS fails to respond to roll call)	___	___	___
7. Repeats roll call for IDNS	Candidate recognizes that IDNS does not respond	___	___	___

JOB PERFORMANCE MEASURE

(Denote critical steps with an asterisk)

		SAT	UNSAT	Comment #
<u>Element</u>	<u>Expected Response</u>			
8. Note any agencies that do not respond to roll call.	Notes that IDNS did not respond to roll call	___	___	___
*9. READ the NARS message, Blocks 1-10 one at a time.	Reads blocks 1 - 10 one at a time. Speaks slowly and clearly.	___	___	___
10. COMPLETEs sections 11, 12, & 13 on the NARS form.	Enters name in section 11, enters current time and date in section 12. CUE: Illinois EMA representative name is Jim Miller. Enters Jim Miller in section 13.	___	___	___
CUE: In next step, when candidate conducts roll call, examiner will answer as the responding agency. When candidate calls for Illinois DNS, and EOF, examiner will remain silent (IDNS not on line, EOF not yet staffed).				
11. Repeat Roll call for the agencies listed on step 6.	Identifies that IDNS still not on line.	___	___	___
12. ASK if there are any questions.	Asks if there are any questions.	___	___	___
*13. CONTACTs IDNS using the ERF telephone directory to find the commercial telephone numbers needed.	Locates ERF telephone directory and contacts IDNS	___	___	___
14. Provide completed NARS form to examiner for distribution.	CUE: Examiner receive completed NARS form	___	___	___

CUE: This completes this JPM.

Enter **Stop Time:** _____

VERIFICATION OF COMPLETION

Job Performance Measure No. _____

Examinee's Name:

Examiner's Name:

Date performed:

Number of attempts:

Time to complete:

Question Documentation:

Question: _____

Response: _____

Result: SAT or UNSAT

Examiner's signature and date: _____

ATTACHMENT 1

TABLE 1

Page 1 of 2

(UTILITY FORM)

UTILITY MESSAGE NO. _____

STATE OF ILLINOIS

STATE MESSAGE NO. _____

NUCLEAR ACCIDENT REPORTING SYSTEM FORM

January, 2001

PERFORM INITIAL ROLL CALL ON
BACK OF NARS FORM:

INITIAL ROLL CALL COMPLETED

TIME: _____

DATE: _____

1. STATUS

- ☒ (A) ACTUAL
☐ (B) EXERCISE
☐ (C) DRILL
☐ (D) TERMINATION

2. STATION

- ☐ (A) DRESDEN
☒ (B) LASALLE
☐ (C) QUAD CITIES
☐ (D) ZION

- ☐ (E) BYRON
☐ (F) BRAIDWOOD
☐ (G) CLINTON

3. ON-SITE ACCIDENT CLASSIFICATION

- ☐ (A) UNUSUAL EVENT
☐ (B) ALERT
☐ (C) SITE AREA EMERGENCY
☒ (D) GENERAL EMERGENCY
☐ (E) RECOVERY
☐ (F) NOT APPLICABLE

4. ACCIDENT CLASSIFIED

TIME: _____
DATE: _____
EAL#: _____

ACCIDENT TERMINATED

TIME: N/A
DATE: _____

5. RELEASE TO ENVIRONMENT

- ☐ (A) NONE
☐ (B) POTENTIAL (FS1 or FG1)
☒ (C) OCCURRING
☐ (D) TERMINATED

6. TYPE OF RELEASE

- ☐ (A) NOT APPLICABLE
☒ (B) RADIOACTIVE GAS
☐ (C) RADIOACTIVE LIQUID

7. WIND DIRECTION:

FROM 295
(DEGREES)

DOWNWIND SECTOR: _____

8. WIND SPEED

☐ (A) METERS/SEC.: 4.6
☐ (B) MILES/HR.: 10

9. RECOMMENDED ACTIONS

- ☐ (A) NONE
☐ (B) PREPARE (STATE USE ONLY)

☒ (C) INITIATE PUBLIC NOTIFICATION PROCEDURES. INSTRUCT THE PUBLIC TO TAKE THE FOLLOWING ACTIONS:

SHELTER	EVACUATE	UTILITY ONLY
<input type="radio"/> (D)	<input checked="" type="radio"/> (H)	0 - 2 MILE RADIUS
<input type="radio"/> (E)	<input type="radio"/> (I)	0 - MILE RADIUS
<input type="radio"/> (F)	<input type="radio"/> (J)	2 - 5 MILES FOR SECTORS
<input type="radio"/> (G)	<input type="radio"/> (K)	5 - 10 MILES FOR SECTORS

[L] SHELTER SUB-AREAS: _____ (STATE USE ONLY)
[M] EVACUATE SUB-AREAS: _____ (STATE USE ONLY)

[N] RECOMMEND POTASSIUM IODIDE (KI) IN ACCORDANCE WITH PROCEDURES (STATE USE ONLY)

[O] CONFINE MILK-PRODUCING ANIMALS ON STORED FEED AND PROTECTED WATER OUT TO _____ MILE RADIUS (STATE USE ONLY)

[P] COMMENCE RETURN OF PUBLIC (STATE USE ONLY)

[Q] OTHER _____

10. ADDITIONAL INFORMATION

11. MESSAGE TRANSMITTED BY:

(NAME)

(ORGANIZATION)

(OUTSIDE PHONE NUMBER)

12. MESSAGE TRANSMITTED:

CURRENT TIME: _____

CURRENT DATE: _____

13. MESSAGE RECEIVED BY:

(NAME)

☐ IEMA ☐ EXELON

14. PERFORM FINAL
ROLL CALL ON
BACK OF FORM.

OUTSIDE PHONE NUMBERS

IEMA 217-782-7860
IDNS 217-785-0600
IOWA EMD 315-281-3231 (Quad Only)

UTILITY USE ONLY

APPROVED BY: _____

EMERGENCY DIRECTOR (NAME)

(TIME)