

# Exelon Nuclear

## Job Performance Measure

### Determine Ability to Work Overtime (Work Hour Rules)

JPM Number: 2014 ILT NRC JPM RO Admin 1

Revision Number: 00

Date: 10/22/2013

Developed By: \_\_\_\_\_  
Instructor Date

Validated By: \_\_\_\_\_  
SME or Instructor Date

Reviewed By: \_\_\_\_\_  
Operations Representative Date

Approved By: \_\_\_\_\_  
Training Department Date

## 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 9 and 13 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, simulator, or other)
- \_\_\_\_\_ 4. Initial setup conditions are identified.
- \_\_\_\_\_ 5. Initiating cue (and terminating cue if required) 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. If an alternate path is used, the task standard contains criteria for successful completion.
- \_\_\_\_\_ 9. Verify the procedure(s) referenced by this JPM reflects the current revision:  
 Procedure LS-AA-119 Rev: 10  
 Procedure LS-AA-119-1003 Rev: 2  
 Procedure \_\_\_\_\_ Rev: \_\_\_\_\_
- \_\_\_\_\_ 10. Verify cues both verbal and visual are free of conflict.
- \_\_\_\_\_ 11. Verify performance time is accurate
- \_\_\_\_\_ 12. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- \_\_\_\_\_ 13. When JPM is initially validated, sign and date JPM cover page. Subsequent validations, sign and date below:

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

**Revision Record (Summary)**

**Revision 00,** Created for the ILT 12-1 NRC Exam. Based on Dresden JPM A-N-1-R Rev 1 dated 05/12.

## **SIMULATOR SETUP INSTRUCTIONS**

1. No simulator setup is required



RO Admin 1



RO Admin 1

LS-AA-119-1003, RevLS-AA-119, Rev 010,

**INITIAL CONDITIONS**

- You are the Unit 2 NSO.
- Both Units are at rated power.
- It is Wednesday, 5/14/2014 at 1400.
- The on-coming Unit 2 NSO calls in to report that he will not come in for shift 3 due to an illness.
- The shift 1 NSO will not be able to come in until 2000.
- No other licensed individual from your shift is available to fill the safety related position.
- You do NOT feel fatigued.
- You were on a 7 day vacation prior to working the following work hours and shifts so far this week.

Shift	Thu 5/8/14	Fri 5/9/14	Sat 5/10/14	Sun 5/11/14	Mon 5/12/14	Tue 5/13/14	Wed 5/14/14
1 (2200-0600)							
2 (0600-1400)	8	8	8	8	8	8	8
3 (1400-2200)	2	2	4	4	2		

- This JPM is NOT time critical.

**INITIATING CUE**

The Shift Manager has directed you to determine if you will be able to work until another NSO will relieve you at 2000.

**{When candidate acknowledges the cue, provide the candidate with the procedure LS-AA-119-1003}**

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.
- Brackets the critical portion of the critical steps

Number any comments in the “Comment Number” column on the following pages. Then annotate that comment in the “Comments” section. The comment section should be used to document: the reason that a step is marked as unsatisfactory, marginal performance relating to management expectations, or problems the examinee had while performing the JPM. Comments relating to procedural or equipment issues should be entered and tracked using the site’s appropriate tracking system.

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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JPM Start Time: \_\_\_\_\_

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
<p>NOTE: Provide exam copy of LS-AA-119 if accessed by the candidate. The steps below are from LS-AA-119-1003; LS-AA-119 steps are similar.</p>					
<p>*LS-AA-119-1003 step 3.1 and LS-AA-119-1003 step 4.1.1</p>	<p>Individuals are responsible for:</p> <ul style="list-style-type: none"> <li>- ●Managing their work hours to prevent impairment from fatigue and violation of the rule.</li> <li>●</li> </ul> <p>The following limits and required breaks apply to covered individuals regardless of unit status:</p> <ul style="list-style-type: none"> <li>-No more than 16 work hours in any 24-hour period</li> <li>-No more than 26 work hours in any 48-hour period</li> <li>- ●No more than 72 work hours in any 7-day period●</li> <li>-At least a 10-hour break between successive work periods, or an 8-hour break when a break of less than 10 hours is necessary to accommodate a crew's scheduled transition between work schedules or shifts</li> <li>-A 34-hour break in any 9-day period</li> </ul>	<p>Determines that staying an additional 6 hours would result in exceeding 72 work hours in any 7-day period.</p>	<p>—</p>	<p>—</p>	<p>—</p>
<p>LS-AA-119-1003 step 3.1</p>	<p>Being aware of the total hours worked in the previous 14 days and notifying management if work hour limits will be exceeded if asked to work additional hours.</p>	<p>Informs Unit Supervisor or other manager that working the additional hours will exceed the 72 hours in any 7-day period limit.</p>	<p>—</p>	<p>—</p>	<p>—</p>

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
CUE	As the responding manager, acknowledge the information provided by the candidate. Ask the candidate the latest time the candidate could work without violating work hour rules.				
*As directed	Per the cue, candidate evaluates the latest time he/she could work without violating work hour rules.	Candidate determines that he/she has 2 hours remaining after the completion of the shift. The candidate adds 2 hours to the normal end of shift time and determines this to be 1600 (also known as 4 pm). The candidate provides this time to the manager.			
CUE	As the responding manager, acknowledge the information provided by the candidate. Tell the candidate the JPM is complete.				

JPM Stop Time: \_\_\_\_\_  
 .....



**JPM SUMMARY**

**Operator's Name:** \_\_\_\_\_ **Job Title:**  EO  RO  SRO  FS  
 STA/IA  SRO Cert

JPM Title: Determine Ability to Work Overtime (Work Hour Rules)

JPM Number: 2014 ILT NRC JPM RO Admin 1 Revision Number: 00

Task Number and Title:

**29900LK189** Discuss how license holder's hours are tracked/verified correct to maintain Active Status [This objective is applicable to Quad Cities and comes from EDMS: /Cabinets/NCS/Training Content/OPERATIONS/Initial License Operator/OPS ILT Dresden/Systems/License Maintenance]

K/A Number and Importance: **K/A 2.1.5** **Rating 2.9**

Ability to use procedures related to shift staffing, such as minimum crew complement, overtime limitations, etc.

Suggested Testing Environment: Simulator

Alternate Path:  Yes  No SRO Only:  Yes  No Time Critical:  Yes  No

Reference(s): LS-AA-119, Rev 10 FATIGUE MANAGEMENT AND WORK HOUR LIMITS  
LS-AA-119-1003, Rev 2 CALCULATING WORK HOURS

**Actual Testing Environment:**  Simulator  Control Room  In-Plant  Other

**Testing Method:**  Simulate  Perform

Estimated Time to Complete: 20 minutes **Actual Time Used:** \_\_\_\_\_ minutes

**EVALUATION SUMMARY:**

Were all the Critical Elements performed satisfactorily?  Yes  No

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

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Evaluator's Name:** \_\_\_\_\_ (Print)

**Evaluator's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

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