INITIAL SUBMITTAL OF ADMINISTRATIVE JPMS

FOR THE LASALLE EXAMINATION - NOVEMBER 2000







ADM-A.1-1-RO

Job Performance Measure (JPM)

MATERIALS

- 1. The following material is required to be provided to candidate:
 - Partially filled out LOS-AA-S101, Attachment E.
 - Data should be recorded for jet pumps 1, 2, 3, 11, 12, and 13
 (1) 58 (2) 58 (3) 58 (11) 60 (12) 60 (13) 60
 - Data for jet pump 2 should be outside the allowed value (from jet pump flow curve).
 - Blank copy of LOS-AA-S101, Rev 4.
- 2. The following material is required to be available to candidate:
 - Current Unit 1 Recirculation System curves. This book is located on the Unit 1 NSO's desk in the simulator or in the control room.

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ADM-A.1-1-RO

Job Performance Measure (JPM)

INITIAL CONDITIONS

- Unit 1 is near rated conditions.
- Recirculation Loop flows are as follows:
 - A loop flow 38,500 gpm
 - B loop flow 39,000 gpm
- You are the Unit NSO.
- The Rounds Operators just completed a partial surveillance of LOS-AA-S101, Attachment E.

INITIATING CUE

The Unit Supervisor has directed you to check that the Jet Pump differential pressures recorded versus current recirculation loop flow fall within curves.

Inform the Unit Supervisor of your determination for each jet pump.

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.

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ADM-A.1-1-RO

Job Performance Measure (JPM)

JPM Start Time:

and the second

Service distance

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Commen Number
Note:	The following steps are performed utilizing the jet pump curves found on the Unit NSO's desk.				
1.	Determine current recirculation loop flows.	Candidate determines current recirculation loop flows from meters on 1H13-P602.		+	
2.	Check Jet Pump differential #1 pressure from Attachment E vs. Jet Pump #1 curve.	Candidate checks Jet Pump # 1 differential pressure from Attachment E vs. Jet Pump # 1 curve and determines dP is within limits.			
*3.	Check Jet Pump # 2 differential pressures from Attachment E vs. Jet Pump #2 curve.	Candidate checks Jet Pump # 2 differential pressure from Attachment E vs. Jet Pump # 2 curve and determines dP is NOT within limits.			
4.	Check Jet Pump # 3 differential pressures from Attachment E vs. Jet Pump #2 curve.	Candidate checks Jet Pump # 3 differential pressure from Attachment E vs. Jet Pump # 3 curve and determines dP is within limits.			
5.	Check Jet Pump # 11 differential pressures from Attachment E vs. Jet Pump #2 curve.	Candidate checks Jet Pump # 11 differential pressure from Attachment E vs. Jet Pump # 11 curve and determines dP is within limits.			
6.	Check Jet Pump # 12 differential pressures from Attachment E vs. Jet Pump #2 curve.	Candidate checks Jet Pump # 12 differential pressure from Attachment E vs. Jet Pump # 12 curve and determines dP is within limits.			
7.	Check Jet Pump # 13 differential pressures from Attachment E vs. Jet Pump #2 curve.	Candidate checks Jet Pump # 13 differential pressure from Attachment E vs. Jet Pump # 13 curve and determines dP is within limits.			

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ADM-A.1-1-RO

Job Performance Measure (JPM)

STANDARD

STEP ELEMENT

- *8. Inform the Unit Supervisor that:
 - Jet pump # 2 did NOT meet required differential pressure.

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• Jet pumps #1, 3, 11, 12, and 13 did meet required differential pressure.

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				100000000	2 minutes and	· • · · ·	and the state of the second		an airth a shear a	a water a state of the

JPM Stop Time:

Candidate informs the Unit Supervisor that:

- Jet pump # 2 did NOT meet required differential pressure.
- Jet pumps #1, 3, 11, 12, and 13 did meet required differential pressure.

Comment Number UNSAT SAT



|--|

Operator's Name:				
Job Title:	INLO RO	SRO	STA DS	SRO Cert
JPM Title:	<u>Review and Determi</u> Flow	ne if Jet Pump	Flow Meet	s Required
JPM Number:	ADM-A.1-1-RO		Revisio	on Number: <u>02</u>
Task Number a	and Title:			
<u>656.020</u>	During performance	<u>of tasks, apply the supvention of tasks</u>	he administra	tive
S101/S20	<u>1.</u>	<u>ILI SUKVEILI</u>	LANCEIAM	<u>LOS-AA-</u>
<u></u>				
K/A Number and Im	portance:			
<u>2.1.25</u> 2.	<u>.8/3.1</u>			
Suggested Testing	Environment: <u>Simu</u>	lator		
Actual Testing Envi	ironment: 🛛 Simula	tor 🖵 Plant	t 🗆 Co	ntrol Room
Testing Method.	🗋 Simulate	Faulted	Ves	
i esting wiemou.	Derform A	Iternate Path:	□ Yes	No No
		~~~~	- <b>.</b>	
Time Critical:	J Yes ■ No	SRO Only:	U Yes	No No
Estimated Time to	Complete: <u>10</u> minu	tes Actual Ti	me Used: _	minutes
		0 1 1 1	10/01/00	
References: <u>LOS-A</u>	<u>A-S101, Rev 4, Jet Pui</u>	mp Curves dated	12/01/99	
<b>EVALUATION SU</b>	MMARY:			
Were all the Critical	Elements performed sa	atisfactorily?	Yes	D No
The operator's perfor	rmance was evaluated	against the stand	ards containe	ed in this JPM.
and has been determined	ined to be: 🖸 Satisf	actory	🛛 Unsatisfa	actory
0				
Comments:				
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Evaluator's Nom	<b></b>			(Drint)
Evaluator S INAM	C			(1 1111 <i>)</i>
Evaluator's Signatur	e:		C	Date:
			Potrologo Statistic	
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#### **INITIAL CONDITIONS**

- Unit 1 is near rated conditions.
- Recirculation Loop flows are as follows:
  - A loop flow 38,500 gpm
  - B loop flow 39,000 gpm
- You are the Unit NSO.
- The Rounds Operators just completed a partial surveillance of LOS-AA-S101, Attachment E.

#### **INITIATING CUE**

The Unit Supervisor has directed you to check that the Jet Pump differential pressures recorded versus current recirculation loop flow fall within curves.

Inform the Unit Supervisor of your determination for each jet pump.

Page 7 of



	Nuclear Generation Gro	oup
	Job Performance Meas	ure
	Log Technical Specification Tim	eclocks
	JPM Number: ADM-A.1-2-F	RO
	Revision Number: 02	
	Date: 08/01/2000	· .
Developed I	By: Bruan	8-11-00
		Date
Approved I	By: Operations Representative	<u>8-,,-</u> ⊿∂ Date

## 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)

• Unit handwritten log.

#### **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.

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Job Performance Measure (JPM)

1004

## JPM Start Time:

Review details of surveillance's interface with plant provided on Attachment B. VERIFY Timeclock recorded in Step E.1.3.3 is correct. Steps 3, 4, and 5 may occur in either order. The candidate may identify	Details of surveillance's interface with plant, provided on Attachment B, is reviewed. Timeclock recorded in Step E.1.3.3 is verified to be correct.			
VERIFY Timeclock recorded in Step E.1.3.3 is correct. Steps 3, 4, and 5 may occur in either order. The candidate may identify	Timeclock recorded in Step E.1.3.3 is verified to be correct.	<u> </u>		
Steps 3, 4, and 5 may occur in either order. The candidate may identify				
The candidate may identify				
on the affected windows.				
AUTHORIZE start of surveillance.	Time of authorization entered and initialed and dated.			
Log entry made denoting start of surveillance.	Enters procedure number and start time in the Unit Log.			
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.				
Log time clock in Unit Log.	Enters procedure number and Technical Specification start time in the Unit Log.			<u></u>
Inform Unit Supervisor of Technical Specification timeclock start.	Unit Supervisor notified.	<u></u>		
ting Acknowledge Cue information. The JPM is considered complete at this time.	·			
	on the affected windows. AUTHORIZE start of surveillance. Log entry made denoting start of surveillance. 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. Log time clock in Unit Log. Inform Unit Supervisor of Technical Specification timeclock start. ting Acknowledge Cue information. The JPM is considered complete at this time. M Stop Time:	on the affected windows.         AUTHORIZE start of surveillance.         Log entry made denoting start of surveillance.         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 ID18-K608 must be started.         Log time clock in Unit Log.         Inform Unit Supervisor of Fechnical Specification imeclock start.         ting Acknowledge cue information.         The JPM is considered complete at this time.         M Stop Time:	on the affected windows.         AUTHORIZE start of surveillance.         Log entry made denoting start of surveillance.         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 ID18-K608 must be started.         Log time clock in Unit Log.         Inform Unit Supervisor of Cechnical Specification imeclock start.         ing Log Acknowledge cue         Inform Unit Supervisor of Cechnical Specification imeclock start.         Img M Stop Time:         M Stop Time:	on the affected windows.         AUTHORIZE start of surveillance.         Log entry made denoting start of surveillance.         Log entry made denoting start of surveillance.         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 ID18-K608 must be started.         Log time clock in Unit Log.         Enters procedure number and Technical Specification imeclock start.         image Acknowledge cue information.         The JPM is considered complete at this time.         M Stop Time:

# ADM-A.1-2-RO

	Job Performance I	<u> Measure (JPM)</u>	<u>.</u>
Operator's Name:	an a	ada an	Andrew, i Indolationista 
Job Title:	INLO RO I	SRO STA SRO Cert	
JPM Title	: Log Technical Specificat	ion Timeclocks	
JPM Number	:: <u>ADM-A.1-2-RO</u>	Revision Number	: <u>02</u>
Task Number	and Title:		• .•
<u>782.010</u> Main Co	ontrol Room Log IAW OP-4	A-101-402	in the
K/A Number and Im 2.1.18_2	nportance: 2.9/3.0		
Suggested Testing	; Environment: Simulator		
Actual Testing Env	vironment: 🗅 Simulator	Plant Control Room	<b>)</b> 
<b>Testing Method:</b>	G Simulate	Faulted: 🛛 Yes 📕 No	
	Perform Altern	nate Path: 🛛 Yes 📕 No	
Time Critical:	🖸 Yes 🔳 No S	RO Only: 🛛 Yes 📕 No	
Estimated Time to	<b>Complete:</b> <u>10</u> minutes	Actual Time Used: minu	ites
References: <u>OP-AA</u>	<u> 4-101-104, Rev 1; LIS-WS-</u>	<u>301, Rev 4</u>	
EVALUATION SU Were all the Critical	U <b>MMARY:</b> l Elements performed satisf	actorily? 🗅 Yes 🗅 N	Io
The operator's perfo and has been determ	ormance was evaluated agai	nst the standards contained in this JP ry Dunsatisfactory	ΡM,
Comments:			
			·····
			·····
<u> </u>		(Drint)	
Evaluator's Nam	ne:	(Frmi)	
Evaluator's Nam Evaluator's Signatur	re:	(Frint) Date:	

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### **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.





### Materials

- 1. The following material is required to be provided to examinee:
  - A prepared POOS package ready for Second Verification with errors containing:
    - An OOS request including the EPN, fictitious WR number, isolation type (mechanical), and total work scope.
    - Data pages for equipment to be tagged.
    - 11x17 P&ID of equipment.

### 2. The following material is required to be available:

• A clean copy of OP-AA-101-201 (in case candidate marks in reference copy)

## ADM-A.2-RO

## Job Performance Measure (JPM)

## **INITIAL CONDITIONS**

- Unit 1 is at rated conditions.
- You are an Extra NSO.
- The EWCS system is unavailable and will not be working for the rest of your shift.

### **INITIATING CUE**

The Work Execution Center Supervisor directs you to perform the second approval a POOS for cleaning the CY Jockey Pump suction strainer.

Inform the Work Execution Center Supervisor when the review is complete or if revision is required.

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.

## ADM-A.2-RO

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# Job Performance Measure (JPM)

JPM Start Time:

<u>STEP</u>	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
Note	The candidate may review OP-AA-101-201, Station Equipment Out of Service, prior to and/or during the review.				
1.	Review OOS request to determine scope.	OOS request reviewed.	<u> </u>		
Note	The candidate may identify the error prior to filling out (initialing) Attachment 4 and return it to the WEC supervisor.				
2.	Utilize Attachment 4, Hang Activity Preparer's Checklist.	Attachment 4, Hang Activity Preparer's Checklist utilized.			
*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 that zone of protection is NOT adequate.			
*4.	RETURN for revision or REVISE the OOS if discrepancies are identified.	Candidate returns POOS to Work Execution Center Supervisor identifying the need to have the minimum flow valve (1CY016) closed as part of the isolation.			
Termina	Acknowledge report. Cue If the candidate simply states that the POOS is insufficient, ask for him/her to explain what needs to be changed.				
	The JPM is considered complete at this time.				

ADM-A.2-RO

# Job Performance Measure (JPM)

Operator's Name:					
Job Title:	D NLO	RO	SRO	STA	SRO Cert
JPM Title JPM Number Task Number <u>Unknow</u>	: <u>Review a</u> : <u>ADM-A.</u> and Title: <u>n</u>	<u>n Out of S</u> 2-RO	<u>ervice</u>	F	Revision Number:
K/A Number and In <u>2.3.9</u> 2.	nportance: 5 / 3.4				
Suggested Testing	Environmo	ent: <u>Sim</u> u	<u>ılator</u>		
Actual Testing Env	vironment:	🗅 Simul	ator 🖬 🛛	Plant	Control Room
Testing Method:	<ul><li>Simulat</li><li>Perform</li></ul>	ie n A	Faulte Alternate Pat	ed: 🔳 Yes th: 🖵 Yes	s ☐ No s ■ No
Time Critical:	Yes	🛛 No	SRO On	ly: 🛛 Ye	s 📕 No
Estimated Time to	<b>Complete:</b>	<u>10</u> min	utes Actua	l Time Use	d: minutes
-References: OP-AA	<u>-101-201, F</u>	<u>Rev 2</u>			
<b>EVALUATION SU</b> Were all the Critical	MMARY: Elements p	erformed s	satisfactorily?	· •	Yes 🗅 No
The operator's perfo and has been determ	rmance was ined to be:	evaluated	against the s factory	tandards co Uns	ntained in this JPM satisfactory
Comments:					
					· · · · · · · · · · · · · · · · · · ·
		····			
Evaluator's Nam	e:				(Print)

#### INITIAL CONDITIONS

- Unit 1 is at rated conditions.
- You are an Extra NSO.
- The EWCS system is unavailable and will not be working for the rest of your shift.

#### **INITIATING CUE**

The Work Execution Center Supervisor directs you to perform the second approval a POOS for cleaning the CY Jockey Pump suction strainer.

Inform the Work Execution Center Supervisor when the review is complete or if revision is required.





## SIMULATOR SETUP INSTRUCTIONS

- 1. This JPM should be run from a cold shutdown IC.
  - NOTE: It is okay to use a similar IC to the IC listed above, provided the IC actually used is verified to be compatible with this and other JPMs that are scheduled to be run concurrently.
- 2. Start Unit 1 Primary Containment Vent and Purge System per LOP-VQ-02.

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3. This completes the setup for this JPM.

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## Materials

- 1. The following procedure(s) is(are) required to be available should the candidate request it:
  - LOP-VQ-04, Special Operations/Modes of the Primary Containment Vent and Purge System
- 2. The following is required to be provided to the candidate with the initial conditions sheet:

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• A marked up copy of an ODCM that will have expired prior to administration of the JPM.

## **INITIAL CONDITIONS**

- Unit 1 is in cold shutdown.
- You are an Assist NSO.
- The Unit 1 Primary Containment Vent and Purge System has been started per LOP-VQ-02.
- The DW Equipment Hatch is closed.

## **INITIATING CUE**

The Unit Supervisor has directed you to purge the drywell IAW LOP-VQ-04.

Inform the Unit Supervisor when the purge has been initiated.

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.

This JPM may be performed in the simulator or the Control Room.

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.

ADM-A.3-RO

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# Job Performance Measure (JPM)

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#### JPM Start Time:

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S	ГЕР	ELEMENT	STANDARD	SAT	UNSAT	Comment Number
	1.	Obtain copy of procedure.	Procedure identified and copy made/requested.			
	2.	VERIFY Section E.1 complete	Section E.1 determined to be complete.			<u> </u>
	3.	VERIFY the unit is in Operating Condition 4, 5 or Defueled <u>OR</u> enter the ACTION requirement of Tech Spec 3.6.1.8.	Unit determined to be in Operating Condition 4.			
	Note	If the candidate identifies the invalid ODCM prior to making the log entry, Step 4 is not applicable.				
	4.	RECORD the following in the Control Room Log:	Control Room Log entries made for:		<u> </u>	
ere de la	y di se su su s	• Receipt of an ODCM for the applicable unit.	<ul><li>Receipt of an ODCM</li><li>Expiration date for ODCM</li></ul>	s agus tra s	in a sin	ne song neeth oo sign
		• Time and date that the ODCM expires.				
	*5.	Determine that the ODCM expiration date has passed.	Expiration of ODCM determined.	<u></u>		<u></u>
	*6.	Procedure stopped and Unit Supervisor of expired ODCM.	Procedure stopped and Unit Supervisor notified prior to opening 1VQ034, DW Vent/Purge Otlt Upstrm Isol Vlv.			
Te	ermina	ting Acknowledge report. Cue The JPM is considered complete at this time.				

JPM Stop Time:

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## ADM-A.3-RO

Operator's Name: Job Title:		SRO DI STA	SRO Cert
			· · · · · · · · · · · ·
JPM Title:	Determine Prerequisites I Are Not Met	For Performing A	Containment Purge
JPM Number:	ADM-A.3-RO		Revision Number: <u>02</u>
Task Number ar <u>Unknown</u>	nd Title:		
K/A Number and Imp <u>2.3.9</u> 2.5	ortance: / <u>3.4</u>		
Suggested Testing E	<b>nvironment:</b> <u>Simulator</u>	Control Room	
Actual Testing Envir	ronment: D Simulator	🗅 Plant	Control Room
Testing Method:	Simulate Perform Alterr	Faulted: 📕 Y nate Path: 📮 Y	es 🗖 No es 📕 No
Time Critical:	Yes 🔳 No S	RO Only: 🗅 Y	es 📕 No
Estimated Time to C	Complete: <u>10</u> minute	es Actual Time Us	sed: minutes
<b>References:</b> <u>LOP-VQ</u>	<u>-04, Rev 12</u>		
<b>EVALUATION SUM</b> Were all the Critical E	IMARY: Elements performed satisfa	actorily?	Yes 🖬 No
The operator's perform and has been determin	nance was evaluated again and to be:	nst the standards or ry D	contained in this JPM, insatisfactory
Comments:			
			· · · · · · · · · · · · · · · · · · ·
		······································	
	· · · · · · · · · · · · · · · · · · ·		······································
Evaluator's Name			(Print)
Evaluator's Signature	·		Date:

# Job Performance Measure (JPM)

## **INITIAL CONDITIONS**

- Unit 1 is in cold shutdown.
- You are an Assist NSO.
- The Unit 1 Primary Containment Vent and Purge System has been started per LOP-VQ-02.
- The DW Equipment Hatch is closed.

### **INITIATING CUE**

The Unit Supervisor has directed you to purge the drywell IAW LOP-VQ-04. Inform the Unit Supervisor when the purge has been initiated.

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# Job Performance Measure (JPM)

## Materials

- 1. The following material is required to be provided to examinee:
  - A clean copy of LZP-1330-70.
  - A calculator.

#### Job Performance Measure (JPM)

#### **INITIAL CONDITIONS**

- You are an Extra NSO.
- Unit 1 is has suffered a major accident.
- The reactor scrammed last night at 11:30 PM.
- Drywell Gross Gamma Radiation is indicating 25 R/hr.
- It is currently 2:15 PM.

#### **INITIATING CUE**

The Unit Supervisor has directed you to calculate the actual drywell gross gamma radiation values by performing Attachment B of LZP-1330-70.

Provide the Unit Supervisor the attachment when 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.

Uncorrected radiation level times correction factor = corrected radiation level

#### 25 X (1.834) = 45.85

The timeclock starts when the candidate acknowledges the initiating cue.

# Job Performance Measure (JPM)

JPM Start Time: _____

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	<u>STEP</u>	<u>ELEMENT</u>	<b>STANDARD</b>	SAT	UNSAT	Comment Number
	Note	Provide the candidate a clean copy of LZP-1330-70 and calculator after the candidate locates the items.				
	*1.	Determine the elapsed time from the time the reactor was shutdown to now.	'Time' determined to be: 14 to <16 hr.			
		This is defined as 'Time'.				
	2.	RECORD the 'Time' in Attachment B Item 1.	'Time' recorded on Attachment B Item 1.			
	*3.	DETERMINE the correction factor from the table of Attachment A using the time determined from Step E.1.	Correction factor determined to be <b>1.834</b> .			
: k = K = "	*4.	Record the correction factor in Attachment B, Item 2.	Correction factor recorded on Attachment B, Item 2.			nang gana di galiya 1966 at 1914 at 2014 at 2014 ang
	5.	Record drywell gross gamma radiation value in Attachment B, Item 3.	Drywell gross gamma radiation recorded in Attachment B, Item 3. (25)			
	*6.	MULTIPLY the value from the gross gamma drywell radiation monitor by the correction factor.	Gross gamma drywell radiation monitor multiplied by the correction factor. (45.85)			
	7.	RECORD in Attachment B, Item 4 the corrected gross gamma drywell radiation level.	Corrected gross gamma drywell radiation level recorded in Attachment B, Item 4.			<u> </u>
	8.	Complete Attachment B.	Name, Date, and Time entered on Attachment B.			
	9.	Notify Unit Supervisor.	Unit Supervisor notified of the corrected gross gamma drywell radiation level.			
	Termina	tting Acknowledge report. Cue The JPM is considered complete at this time.				an a

JPM Stop Time: _____

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Operator's Name:						
Job Title:	🗆 NLO	🗅 RO	🗅 SRO	🗆 STA	SRO Cert	
			-	-		
JPM Title:	<u>Calculate</u>	the Actua	<u>l Drywell Gt</u>	<u>coss Gamm</u>	a Radiation	
· · · ·	Values i	n Post-A	ccident Co	<u>nditions</u>		
JPM Number:	ADM-A.	4-RO		R	evision Number: 02	
Task Number a	and Title:					
724.010	724.010 Given the proper procedure and necessary data, calculate the actual					
drywell gross gamma radiation values in post-accident conditions applying a						
time depe	ndent corre	ection facto	or IAW LZP-	1330-70.		
<b>-</b>						
K/A Number and Im	portance:					
<u>2.4.9</u> 3.3	<u>/3.9</u>					
Suggested Testing Environment: Simulator / Control Room						
Actual Testing Envi	ironment:	🗅 Simul	ator 🗖	Plant	Control Room	
Testing Method:	Simulat	te	Fault	ed: 🛛 Yes	No 📕 No	
ί	Perform	1 ⁻ 4	Alternate Pa	th: 🛛 Yes	No No	
Time Critical:	□ Yes	📕 No	SRO On	ily: 🛛 Yes	No No	
Estimated Time to	Complete:	<u>    10    </u> m	inutes Actua	al Time Use	d: minutes	
	• • • • •	•			•	
References: <u>LZP-13</u>	<u>30-70 Rev</u>	2				
EVALUATION SUMMAKY:						
Were all the Critical	Elements p	erformed	satisfactorily	? <b>L</b>	Yes 🖬 No	
		1 4			tained in this IDM	
The operator's performance was evaluated against the standards contained in this $J^{\mu}M$ ,						
and has been determined	ned to be:	Saus	factory		austactory	
Comments:						
Comments.						
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Evaluator's Name	2:				(Print)	
Evaluator's Signature	2:				Date:	
Jà and a substantion of substantin of substantion of substantion of substantion o			and a second	82-1925 - 1-3-1925 - 1-4-1945 - 4-4-19-19-2-4-19-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	and a second	

# Job Performance Measure (JPM)

## INITIAL CONDITIONS

- You are an Extra NSO.
- Unit 1 is has suffered a major accident.
- The reactor scrammed last night at 11:30 PM.
- Drywell Gross Gamma Radiation is indicating 25 R/hr.
- It is currently 2:15 PM.

### **INITIATING CUE**

The Unit Supervisor has directed you to calculate the actual drywell gross gamma radiation values by performing Attachment B of LZP-1330-70.

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Provide the Unit Supervisor the attachment when complete.