

JOB PERFORMANCE MEASURE
NRC Exam 2004-301-A1.1

Job Position RO/SRO	No. NRC Exam 2004-301-A1.1	Revision 0
JPM Title Verification of Offsite Electrical Lineup	Duration 10 min	Page COVER SHEET

Examinee: _____ SRO / RO

Evaluator: _____

Evaluation Method: Perform / Simulator

Start Time _____

Stop Time _____

Total Time _____

PERFORMANCE EVALUATION SUMMARY			
Step #	S	U	Comments
1			
*2			
3			
*4			
*5			
6			
*7			
8			
*9			
10			
*11			
*12			
13			

_____ SATISFACTORY

_____ UNSATISFACTORY

ORAL EVALUATION (Not Required for ILO Exams)			
Question #	S	U	Comments
			TIME:
			TIME:

_____ SATISFACTORY

_____ UNSATISFACTORY

OVERALL EVALUATOR COMMENTS:

Evaluator Signature / Date: _____

JOB PERFORMANCE MEASURE

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Start Time _____

Stop Time _____

Total Time _____

Elements

Standards

PREREQUISITES: NONE

CUE: Bus 101 Voltage is 120 VAC

1. Record Bus 101 voltage

1. Records bus 101 voltage as 120 VAC.

*2. Verify indicated voltage is approximately 120 VAC

*2. Voltage verified to be 120 VAC

3. If indicated bus voltage is <116 VAC, notify the SM, otherwise NA

3. Puts NA in the initials block.

CUE: GD, GK, GH GM and GH are closed

*4. Verify one the following lineups is met:

*4. Checks off each box and initials that at least one of the lineups are correct.

•For Shoal Line supplying, Breaker GD is CLOSED

•For Luzon Line supplying, Breaker GK and GH are CLOSED

•For Swan Creek Line Supplying, Breakers GM and GH are CLOSED.

CUE: TRANS 1 DEC POS A BKR CONTROL and SS TRANS 64 PRI POS D BKR CONTROL breakers are closed

*5. Verifies the following breakers are CLOSED:

*5. Checks off each box and initials that breakers are CLOSED.

•TRANS 1 DEC POS A BKR CONTROL

•SS TRANS 64 PRI POS D BKR CONTROL

CUE: SST 64 is being supplied by Bus 101

6. For Bus 102 supplying SST 64, perform the following:

6. This section is NA, therefore examinee is to place NA on steps 1.2.1 through 1.2.5:

*7. Verify at least one of the two conditions is met:

*7. Places a check mark next to step 1.3.1 and initials the INITIALS block

•Steps 1.1.2, 1.1.4, and Step 1.1.5 were completed satisfactorily

•Steps 1.1.2, 1.1.4, and Step 1.1.5 were completed satisfactorily

CUE: Bus 101 Voltage is 120 VAC

8. Records Bus 301 voltage:

8. Records bus 101 voltage as 120 VAC

*9. Verify indicated voltage is approximately 120 VAC

*9. Voltage verified to be 120 VAC

10. If indicated bus voltage is <116 VAC, notify the SM, otherwise NA

10. Puts NA in the initials block.

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CUE: CT, DM, DF, CM, CF are closed

*11. Verify one the following lineups is met:

- For BRTN 3 Line, Breakers CT, DM, and DF are CLOSED
- For BRTN 3 Line, Breakers CM and CF are CLOSED
- For BRTN 2 Line, Breaker DF is CLOSED.

*11. Checks off each box and initials that at least one of the lineups are correct.

*12 Verifies that voltage and breaker positions were completed satisfactorily

*12 Verifies steps 1.4.2 and 1.4.4 and initials the INITIALS block.

13 Signs for completed and records his/her Name, Initials and Signature

12 Puts date and time of completion and records Name, Initials and Signature.

End JPM

_____ SATISFACTORY

_____ UNSATISFACTORY

Terminating Cue(s):

24.000.01, Attachment 24b has been completed correctly.

JOB PERFORMANCE MEASURE

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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE

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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

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JPM A1.1 Cue Sheet

Initial Conditions:

EDG-11 is out of service. The CRS has entered LCO 3.8.1 Action A.

Initiating Cue(s):

The CRS directs you to perform 24.000.01, Attachment 28a, Action 2.

**JOB PERFORMANCE MEASURE
NRC EXAM 2004-301-A1.2**

Job Position Nuclear Supervising Operator	No. NRC EXAM 2004-301-A1.2	Revision 1
JPM Title Verify Valve Configuration - Maintenance on HCU Components	Duration 15 Minutes	Page COVER SHEET

Examinee: _____ SRO / RO / NLO / SROC / STA

Evaluator: _____

Evaluation Method: Perform / Simulator / Classroom

Start Time _____

Stop Time _____

Total Time _____

PERFORMANCE EVALUATION							
Element	S	U	Comments	Element	S	U	Comments
1.							
* 2.							
* 3.							

_____ SATISFACTORY

_____ UNSATISFACTORY

ORAL EVALUATION (Not Required for ILO Exams)			
Question #	S	U	Comments
			TIME:
			TIME:

_____ SATISFACTORY

_____ UNSATISFACTORY

OVERALL EVALUATOR COMMENTS:

Evaluator Signature / Date: _____

JOB PERFORMANCE MEASURE
NRC EXAM 2004-301-A1.2

Job Position Nuclear Supervising Operator	No. NRC EXAM 2004-301-A1.2	Revision 1
JPM Title Verify Valve Configuration - Maintenance on HCU Components	Duration 15 Minutes	Page 2

PERFORMANCE EVALUATION

Time Start _____

<u>Elements</u>	<u>Standards</u>
1. Locate and refer to drawing M-5703-1.	1. Locate and refers to correct drawing.
<p>CAUTION: C11-F101A, Insert Riser Isolation Valve, must be closed prior to closing either C11-F102A, Withdraw Riser Isolation Valve, and/or C11-F112, Scram Discharge Isolation Valve, to prevent damage to HCU and CRD components.</p>	
* 2. Identify the following valves as SHUT and tagged: <ul style="list-style-type: none"> a. C11-F101A, Insert Riser Isolation b. C11-F102A, Withdrawal Riser Isolation c. C11-F103, Drive Water Isolation d. C11-F112, Scram Outlet Isolation e. C11-F105, Exhaust Riser Isolation f. C11-F104, Cooling Water Isolation g. C11-F113, Charging Water Isolation 	* 2. Valves to be SHUT and tagged.
* 3. Identify valve as OPEN and tagged: <ul style="list-style-type: none"> a. C11-F107, Accumulator Drain Valve b. C11-F111A, Nitrogen Supply Valve c. P6 Cap removed but not tagged. 	* 3. Valve to be OPEN and tagged. P6 Cap removed and not tagged.

Time Stop _____

* Critical Steps

Terminating Cue(s):

Verify on the valve configuration needed for the Safety Tagging Record.

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Job Position Nuclear Supervising Operator	No. NRC EXAM 2004-301-A1.2	Revision 1
JPM Title Verify Valve Configuration - Maintenance on HCU Components	Duration 15 Minutes	Page 3

FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number

Title

Value

Override Functions:

Special Instructions:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-301-A1.2

Job Position Nuclear Supervising Operator	No. NRC EXAM 2004-301-A1.2	Revision 1
JPM Title Verify Valve Configuration - Maintenance on HCU Components	Duration 15 Minutes	Page 5

JPM A1.2 Cue Sheet

<p>Initial Conditions:</p> <p>Maintenance has submitted a Request for Protective Tagging for a Work request on HCU C1103D062, and a Safety Tagging Record has been prepared.</p> <p>The Control Rod has been positioned as directed by the SM.</p>
<p>Initiating Cue(s):</p> <p>Verify on the P&IDs the protection needed for this Safety Tagging Record.</p> <p>Provide the attached Safety Tagging Record.</p>

JOB PERFORMANCE MEASURE

NRC EXAM 2004-RO-A1.3

Determine RWP Requirements for Entry into a Locked High Radiation Area	No.: NRC EXAM 2004-RO-A1.3 Revision: 1 Page 2
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Start Time _____

Stop Time _____

Total Time _____

Elements

Standards

1. Locate RWP 04-1012 and/or procedure MRP06.	1. RWP and/or procedure is located.
2. Review RWP requirements for emergency entry into a Locked High Radiation Area.	2. RWP requirements are reviewed.
* 3. Determine either: a. Continuous RP coverage needed, or b. Alarming dosimeter needed, or c. Dose rate meter needed (if individual is qualified to use).	* 3. Determine that an alarming dosimeter or dose rate meter (if individual is qualified to use) is needed.
*4. Review RWP requirements for notifying RP prior to and upon exit from the area	*4. RP must be notified prior to and immediately after exiting High Radiation Area.
* 5. Review RWP requirements for stay time tracking.	* 5. RP must be present to perform stay time tracking when entering a Locked High Radiation Area.

_____ SATISFACTORY

_____ UNSATISFACTORY

Terminating Cue(s):

Determine Radiation Work Permit entry conditions for an entry into a Locked High Radiation Area.
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JOB PERFORMANCE MEASURE

NRC EXAM 2004-RO-A1.3

Determine RWP Requirements for Entry into a Locked High Radiation Area	No.: NRC EXAM 2004-RO-A1.3 Revision: 1 Page 3
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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.3

Determine RWP Requirements for Entry into a Locked High Radiation Area	No.: NRC EXAM 2004-RO-A1.3 Revision: 1 Page 4
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.3

Determine RWP Requirements for Entry into a Locked High Radiation Area

No.: NRC EXAM 2004-RO-A1.3
Revision: 1
Page 5

JPM RO A1.3 Cue Sheet

Initial Conditions:

You are an extra operator assigned to the shift.

The plant is operating steady state at full power with the Hydrogen Water Chemistry System shutdown.

A low oil pressure alarm is received on the #2 Turbine Low Pressure Stop Valve Unitized Actuator and temperatures are increasing.

Initiating Cue(s):

Determine the RWP requirements for entry into the area to allow inspection of the LPSV Unitized Actuator. The SM has directed an emergency entry.

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NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)

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IF IPCS NOT AVAILABLE:

- Wind direction is from 0 to 180 degrees.
- Wind speed is 2 MPH
- Stability class of C
- Down wind sectors can be calculated (HJK).
- No precipitation.

Initiating Cue(s):

You are the Control Room Emergency Communicator. Your duties are to perform the following:

- Fill out the required information for a Nuclear Event Notification Form.
- Present the form to the Emergency Director for approval.
- Make the required 15 minute Offsite Authority Telephone Notifications.

This task is time critical.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)	No.: NRC EXAM 2004-RO-A1.4 Revision: 2 Page 3
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Start Time _____

Stop Time _____

Total Time _____

Elements

Standards

Note: The student may use a hard copy form or use the computer (Jet Form in ARMS)

*1. Fill in Actual Event or Drill on the top of the Nuclear Event Notification Form	*1. Drill is checked.
2. Enter the Plant Contact information and Plant Message Number	2. Enters: Nuclear Power Plant: Fermi 2 Plant Communicator: Examinee Calling From: Current location Call Back Number: Current location Message Number: 1
*3. Enters the Current Classification Data.	*3. Enters: Current Classification: SAE Declared Date: Today's Date Declared Time: Current Time
*4. Enters the Reason for Classification Data	*4. Enters: Reason for Classification Abnormal Rad Level /Radiological Effluents Fermi IC Number AS1
*5. Enters Plant Status	*5. Enters: Degrading
*6. Enters Radiological Release in Progress Due to Event	*6. Enters: Yes- >AU1 Limits
7. Enters Protective Action Recommendations	7. Enters: None
NOTE: 10m Met Tower Data is preferred.	
*8. Enters Meteorological Data	*8. Enters: Wind Direction 0 to 180 Wind Speed (mph) 2 Stability class C Precipitation No
NOTE: Sign as Emergency Director	
*9. Obtains Emergency Director Signature	*9. Signed by Emergency Director
*10. Makes Notifications	*10. All Notifications made in less than 15 minutes.

_____ SATISFACTORY

_____ UNSATISFACTORY

JOB PERFORMANCE MEASURE

NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)

No.: NRC EXAM 2004-RO-A1.4

Revision: 2

Page 4

Terminating Cue(s):

Nuclear Event Notification Form has been turned in for approval to the Emergency Director and required 15 Minute Offsite Authority Notifications are complete.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)	No.: NRC EXAM 2004-RO-A1.4 Revision: 2 Page 5
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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)	No.: NRC EXAM 2004-RO-A1.4 Revision: 2 Page 6
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-RO-A1.4

Complete Nuclear Event Notification Form (Site Area)	No.: NRC EXAM 2004-RO-A1.4 Revision: 2 Page 7
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JPM SRO A1.4 Cue Sheet

Initial Conditions:

- This is a drill
- The Emergency Director has declared a Site Area Emergency due to an event in progress.
- The event in progress is that Site boundary dose rates resulting from a gaseous release exceeds 100 mrem TEDE for the projected duration of the release. (AS1)
- Currently the plant is degrading and a confirmatory sample is in progress.
- There is currently no precipitation.
- There are no protective action recommendations at this time.

NOTE: The examinee may request the information from the evaluator in accordance with the enclosure in EP-290. Be prepared to provide this information as requested, including meteorological data.

IF IPCS NOT AVAILABLE:

- Wind direction is from 0 to 180 degrees.
- Wind speed is 2 MPH
- Stability class of C
- Down wind sectors can be calculated (HJK).
- No precipitation.

Initiating Cue(s):

You are the Control Room Emergency Communicator. Your duties are to perform the following:

- Fill out the required information for a Nuclear Event Notification Form.
- Present the form to the Emergency Director for approval.
- Make the required 15 minute Offsite Authority Telephone Notifications.

This task is time critical.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.2

Knowledge of Shift Staffing Requirements	No.: NRC EXAM 2004-SRO-A1.2 Revision: 0 Page 2
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Start Time _____

Stop Time _____

Total Time _____

Elements

Standards

Evaluator Note: Hand the examinee a copy of the attached Shift Assignment sheet if asked for.

1. Obtains a copy of the current Shift Assignments sheet to determine the status of shift staffing.	1. Identifies that F. Brown was filling a required Fire Brigade position in addition to TB Rounds.
*2. Identify the time requirements to have minimum staffing positions filled.	*2. Identifies that minimum staffing must be filled within 2 hours per MOP03.
CUE: Report as the RO that Scott Harter has been called in to replace Frank Brown as the TB Rounds as well as the Fire Brigade member and will report within 45 minutes.	
*3. Initiates the process for call-out to fill the Fire Brigade member position.	*3. Directs an RO to initiate a call-out for the needed individual.

_____ SATISFACTORY

_____ UNSATISFACTORY

PERFORMANCE EVALUATION

Terminating Cue(s):

Call-out is made for another NO who is qualified as a Fire Brigade member within 2 hours.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.2

Knowledge of Shift Staffing Requirements	No.: NRC EXAM 2004-SRO-A1.2 Revision: 0 Page 3
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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.2

Knowledge of Shift Staffing Requirements	No.: NRC EXAM 2004-SRO-A1.2 Revision: 0 Page 4
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.2

Knowledge of Shift Staffing Requirements	No.: NRC EXAM 2004-SRO-A1.2 Revision: 0 Page 5
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JPM SRO A1.2 Cue Sheet

Initial Conditions:

The time is 1000 Sunday morning with the plant operating at 100% power.miles.

Initiating Cue(s):

Frank Brown has just informed you that he is leaving immediately due to a personal emergency. He has given a turnover to S. Ness, who has just recently completed his proficiency watches as Turbine Building Rounds but is not current on Fire Brigade qualification. You are to identify the staffing adjustments that need to be made, recommendations for call-outs, and time constraints. Vocalize your thought process and report when you have completed the task.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.2

Knowledge of Shift Staffing Requirements	No.: NRC EXAM 2004-SRO-A1.2 Revision: 0 Page 6
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SHIFT ASSIGNMENTS

DATE: Today _____

	Nights	Days	
SM	_____	<u>M. Brubaker</u>	
CRS	_____	<u>M. Paul</u>	
CRNSO	_____	<u>G. Casey</u>	
COP H11-P603	_____	<u>T. Sampson</u>	Safe Shutdown
Patrol	_____	<u>E. Sorg**</u>	
Shift Foreman	_____	_____	
Other	_____	_____	
Turbine Bldg	_____	<u>F. Brown*</u>	
Reactor Bldg	_____	<u>J. Woods*</u>	
Outside/Fermi 1	_____	<u>L. Sharpe</u>	Safe Shutdown
Radwaste Op-Assigned	_____	<u>W. Dempsey#</u>	
Radwaste Op-shift	_____	<u>N. Major*</u>	
Other	_____	<u>S. Ness</u>	

* Fire Brigade Member

**Fire Brigade Leader

CR Communicator

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

Job Position SRO	No. NRC EXAM 2004-SRO-A1.4	Revision 0
JPM Title Approve a discharge permit	Duration 10 minutes	Page COVER SHEET

Examinee: _____ SRO / RO

Evaluator: _____

Evaluation Method: Perform / Simulator / Classroom Start Time _____
 Stop Time _____
 Total Time _____

PERFORMANCE EVALUATION SUMMARY			
Step #	S	U	Comments
*1			
2			
*3			

_____ SATISFACTORY

_____ UNSATISFACTORY

ORAL EVALUATION (Not Required for ILO Exams)			
Question #	S	U	Comments
			TIME:

_____ SATISFACTORY

_____ UNSATISFACTORY

OVERALL EVALUATOR COMMENTS:

Evaluator Signature / Date: _____

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

JPM Title Approve a discharge permit	No.: NRC EXAM 2004-SRO-A1.4 Revision: 0 Page 1
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K/A SYSTEM:
2.3.6 Knowledge of the requirements for reviewing and approving release permits.

References: Required (R) / Available (A)
[MCE 06](#) Non radiological discharges (A)
[Discharge Permit](#)

Tools and Equipment Required:
NONE

Preferred Evaluation Method:

Perform	<input checked="" type="checkbox"/>	Walkthrough	<input type="checkbox"/>	Discuss	<input type="checkbox"/>
Plant	<input checked="" type="checkbox"/>	Simulator	<input checked="" type="checkbox"/>	Classroom	<input type="checkbox"/>

Evaluator Notes:
Provide the candidate with the Discharge Permit with parts 1,2,3 completed.

ENSURE ALL INDUSTRIAL AND PERSONNEL SAFETY PRACTICES ARE USED AND ENFORCED AT ALL TIMES.

K/A SYSTEM:
2.3.6 Knowledge of the requirements for reviewing and approving release permits.

Task Standard:
Approve a discharge permit

Initial Conditions:
You are the CRS.
The CST/CRT dike has filled up with rainwater. A discharge permit has been initiated.

Initiating Cue(s):
Approve the discharge permit.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

JPM Title Approve a discharge permit	No.: NRC EXAM 2004-SRO-A1.4 Revision: 0 Page 2
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Start Time _____

Stop Time _____

Total Time _____

PERFORMANCE EVALUATION							
Element	S	U	Comments	Element	S	U	Comments
Required							
MCE06 step *5.1.11			Assign expiration date not to exceed 24 hrs from approval date.				
5.1.12							
*5.1.13			Sign permit				
End of Task							

_____ SATISFACTORY

_____ UNSATISFACTORY

Terminating Cue(s):

Discharge permit is approved.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

JPM Title Approve a discharge permit	No.: NRC EXAM 2004-SRO-A1.4 Revision: 0 Page 3
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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

JPM Title Approve a discharge permit	No.: NRC EXAM 2004-SRO-A1.4 Revision: 0 Page 4
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.4

JPM Title Approve a discharge permit	No.: NRC EXAM 2004-SRO-A1.4 Revision: 0 Page 5
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JPM SRO A1.4 Cue Sheet

Initial Conditions:

You are the CRS.
The CST/CRT dike has filled up with rainwater. A discharge permit has been initiated.

Initiating Cue(s):

Approve the discharge permit.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.5

Determine Implementation time for Protective Action Recommendations	No.: NRC EXAM 2004-SRO-A1.5 Revision: 1 Page 1
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References: Required (R) / Available (A)

[EP-101](#) Classification of Emergencies, (R)
[EP-105](#) General Emergency, (R)
[EP-545](#) Protective Action Recommendations, (R)

Tools and Equipment Required:

None

Preferred Evaluation Method:

Perform	<u> X </u>	Walkthrough	<u> </u>	Discuss	<u> </u>
Plant	<u> </u>	Simulator	<u> X </u>	Classroom	<u> </u>

Evaluator Notes:

Cue the trainee if necessary about making reports or other communications.

ENSURE ALL INDUSTRIAL AND PERSONNEL SAFETY PRACTICES ARE USED AND ENFORCED AT ALL TIMES.

K/A
SYSTEM: 2.4.41 Knowledge of the emergency action level thresholds and classifications (2.3/4.1)

Task Standard:

Determine an estimated time for evacuation and estimated population based on the Protective Action Recommendation.

Initial Conditions:

- You are an extra SRO on shift.
- A major plant transient has occurred.
- A Site Area Emergency has been declared by the SM.
- He has formulated a protective action recommendation based on the current dose report and believes upgrading to a General Emergency will occur soon.
- The PAR is to:
Evacuate all sectors to 5 miles, LMN to 10 miles.

Initiating Cue(s):

Based on the formulated Protective Action Recommendation, the SM directs you to give an estimated time for evacuation and estimated population.

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.5

Determine Implementation time for Protective Action Recommendations	No.: NRC EXAM 2004-SRO-A1.5 Revision: 1 Page 2
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JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.5

Determine Implementation time for Protective Action Recommendations	No.: NRC EXAM 2004-SRO-A1.5 Revision: 1 Page 3
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Start Time _____
Stop Time _____
Total Time _____

Elements

Standards

CUE:

The PAR is to evacuate all sectors to 5 miles, LMN to 10 Miles

1. Candidate obtains a copy of EP-545	1. Has copy of EP-545.
2. Candidate locates enclosure B	2. Enclosure B located
*3. Candidate uses Downwind sector information of enclosure B to determine areas 1, 2, 3 & 5	*3. Areas 1, 2, 3 & 5 determined
4. Candidate locates enclosure D	4. Enclosure D located
*5. Uses enclosure D to determine time as 6 hrs 6 min based on note a.	*5. 6 hrs 6 min determined
6. Candidate locates enclosure E.	6. Enclosure E located

CUE: It is a summer day

*7. Uses enclosure E to determines Population to be 74,526	*7. Population determined to be 74,526
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_____ SATISFACTORY

_____ UNSATISFACTORY

Terminating Cue(s):

An estimated time for evacuation and estimated population have been given

JOB PERFORMANCE MEASURE
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Determine Implementation time for Protective Action Recommendations	No.: NRC EXAM 2004-SRO-A1.5 Revision: 1 Page 4
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FOLLOW-UP DOCUMENTATION QUESTIONS

Reason for Followup question(s):

Question:

Reference:

Response:

Question:

Reference

Response:

JOB PERFORMANCE MEASURE
NRC EXAM 2004-SRO-A1.5

Determine Implementation time for Protective Action Recommendations	No.: NRC EXAM 2004-SRO-A1.5 Revision: 1 Page 5
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Simulator Setup

IC#:

Malfunctions:

Remote Functions:

Number	Title	Value
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Override Functions:

Special Instructions:

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Recommendations

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JPM SRO A1.5 Cue Sheet

Initial Conditions:

- You are an extra SRO on shift.
- A major plant transient has occurred.
- A Site Area Emergency has been declared by the SM.
- He has formulated a protective action recommendation based on the current dose report and believes upgrading to a General Emergency will occur soon.
- The PAR is to:
Evacuate all sectors to 5 miles, LMN to 10 miles.

Initiating Cue(s):

Based on the formulated Protective Action Recommendation, the SM directs you to give an estimated time for evacuation and estimated population.