Facility: Dresden Date of Examination: 4/23/07

Examination Level: RO ☒ SRO ☐ Operating Test Number: 2007-301

Administrative Topic (See Note)	Type Code*	Describe activity to be performed
Conduct of Operations	B, R	Verify Iso Condenser Makeup Pump Quarterly Test Generic.2.1.14
Conduct of Operations	D, R	Verify Acceptance Criteria met for the Acoustic Monitor Based on Test Results Generic.2.1.25
Equipment Control	N, R	Verify Reversal of Emergency Diesel Generator Cooling Water Flow Generic.2.2.12
Radiation Control	M, R	Select Personnel for Radiation Work Generic.2.3.4
Emergency Plan		

NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when 5 are required.

* Type Codes & Criteria:
(C)ontrol room, (S)imulator, or Class(R)oom
(D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs & RO retakes)
(N)ew or (M)odified from bank (≥ 1)
(P)revious 2 exams (≤ 1; randomly selected)

Facility: Dresden Date of Examination: 4/23/07

Examination Level: RO ☐ SRO ☒ Operating Test Number: 2007-301

Administrative Topic (See Note)	Type Code*	Describe activity to be performed
Conduct of Operations	P, R	Reactivation of an SRO License Generic.2.1.5
Conduct of Operations	D, R	Reportability Determination Generic.2.1.1
Equipment Control	D, R	Verify Semi-Annual HRSS AFU Operability Test Generic.2.2.12
Radiation Control	M, R	Select Personnel for Radiation Work Generic.2.3.4
Emergency Plan	M, R	Authorize Use of KI Generic.2.4.40

NOTE: All items (5 total) are required for SROs. RO applicants require only 4 items unless they are retaking only the administrative topics, when 5 are required.

* Type Codes & Criteria:
(C)ontrol room, (S)imulator, or Class(R)oom
(D)irect from bank (≤ 3 for ROs; ≤ 4 for SROs & RO retakes)
(N)ew or (M)odified from bank (≥ 1)
(P)revious 2 exams (≤ 1; randomly selected)

Exelon Nuclear

Job Performance Measure

Verify Iso Condenser Makeup Pump Quarterly Test

JPM Number: A-1300-03

Revision Number: 01

Date: 03/07

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **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 8 through 11 below.

_____ 1. Task description and number, JPM description and number are identified.

_____ 2. Knowledge and Abilities (K/A) references are included.

_____ 3. Performance location specified. (in-plant, control room, or simulator)

_____ 4. Initial setup conditions are identified.

_____ 5. Initiating and terminating cues are properly identified.

_____ 6. Task standards identified and verified by SME review.

_____ 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).

_____ 8. Verify the procedure referenced by this JPM matches the most current revision of that procedure:
Procedure Rev. _____ Date _____

_____ 9. Pilot test the JPM:
a. verify cues both verbal and visual are free of conflict, and
b. ensure performance time is accurate.

_____ 10. If the JPM cannot be performed as written with proper responses, then revise the JPM.

_____ 11. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

_____ _____
SME/Instructor Date

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 Bank JPM.

Revision 01 Revised for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. DOS 1300-03 was performed last shift, for running of the 2/3A Iso Condenser Makeup Pump Quarterly Operability, for the 2nd quarter of 2007.
2. Lube and Fuel oil samples were NOT required.
3. The NLO reported all surveillance requirements were within specifications.

INITIATING CUE

1. The Unit Supervisor has directed you to verify all requirements are within specifications, and paperwork is correct, then return the paperwork to the Unit Supervisor.

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee with the completed copy of DOS 1300-03.				
1. Examinee reviews paperwork.				
* 2. Student should identify step I.2 (DC VOLTS) is not ≥ 25.5 volts and should NOT have been initialed.	Identifies incorrect voltage of 24.5 (correct voltage should be ≥ 25.5 volts).	_____	_____	_____
* 3. Student should identify step I.2.a and indicate that EMD should have been notified.	Informs examiner that EMD is required to be notified (may make notification at end of JPM).			
* 4. Student should identify step I.16.c (elapsed time) is not correct, because the engine was NOT run for 30 minutes.	Identifies incorrect time of 26 min (correct elapsed time should be a minimum of 30 minutes).	_____	_____	_____
5. Student should identify step I.22.b is N/A'd (Damper Control Switch NOT in AUTO).	Identifies incorrect N/A'd step.	_____	_____	_____
6. Notify Unit Supervisor of discrepancies.	Notifies Unit Supervisor, to verify/correct issues.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: RO

JPM Title: Verify Iso Condenser Makeup Pump Quarterly Test
JPM Number: A-1300-03 Revision Number: 01
Task Number and Title: 299L080 Perform the administrative duties for conduct of surveillance, special, or complex procedures.

K/A Number and Importance: Generic 2.1.14 2.5 / 3.3

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: DOS 1300-03, Rev 16

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. DOS 1300-03 was performed last shift, for running of the 2/3A Iso Condenser Makeup Pump Quarterly Operability, for the 2nd quarter of 2007.

2. Lube and Fuel oil samples were NOT required.

3. The NLO reported all surveillance requirements were within specifications.

INITIATING CUE

1. The Unit Supervisor has directed you to verify all requirements are within specifications, and paperwork is correct, then return the paperwork to the Unit Supervisor.

Exelon Nuclear

Job Performance Measure

Reactivation of an SRO License

JPM Number: A-N-1-S

Revision Number: 01

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 New JPM created for ILT 05-1 NRC Exam.

Revision 01 JPM revised for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

HANDOUT PREPARATION

1. Fill out OP-AA-105-102, Attachment 2 up to but not including Shift Manager Approval for a fictitious SRO License holder.
2. In the Hours on Shift table, enter 4 shifts of 8 hours as a Unit Supervisor. Enter 1 shift of 8 hours as the WEC supervisor.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Shift Manager.
2. An SRO is in the process of license reactivation.
3. OP-AA-105-102, Attachment 2, Reactivation of License Log, is filled out up to the point of Shift Manager review for the licensee.

INITIATING CUE

1. The Shift Operation Superintendent directs you to “perform the Shift Manager review of OP-AA-105-102, Attachment 2 for the licensee and return it to me”.

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.
* • Denotes critical elements of a critical step.

Number any comments in the “Comment Number” column on the following pages. Then annotate that comment in the “Comments” section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
CUE: Provide the Examinee the provided marked up copy of OP-AA-105-102.				
1. Review OP-AA-105-102, Attachment 2.	Reviews OP-AA-105-102, Attachment 2.	_____	_____	_____
2. * Check that Hours on Shift are applicable for license reactivation.	Notes that 8 hours listed in the Hours on Shift are for WEC Supervisor which does not count toward the 40 hours required.	_____	_____	_____
3. * Check that licensee has the required 40 hours.	Determines that licensee has ONLY 32 hours toward the required 40 hours.	_____	_____	_____
4. Report the results of the review to the Shift Operations Superintendent (SOS).	Returns without signing OP-AA-105-102, Attachment 2 to the SOS. Informs the SOS that the licensee's license CANNOT be reactivated due to insufficient hours on shift.	_____	_____	_____
CUE: As the SOS, acknowledge the report.				
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: SRO

JPM Title: Reactivation of SRO License
JPM Number: A-N-1-S Revision Number: 01
Task Number and Title: 299L024, Maintain an Active License

K/A Number and Importance: Generic.2.1.5 2.3 / 3.4

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☒ Yes ☐ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 15 minutes **Actual Time Used:** ____ minutes

References: OP-AA-105-102, rev 08

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Shift Manager.
2. An SRO is in the process of license reactivation.
3. OP-AA-105-102, Attachment 2, Reactivation of License Log, is filled out up to the point of Shift Manager review for the licensee.

INITIATING CUE

1. The Shift Operation Superintendent directs you to “perform the Shift Manager review of OP-AA-105-102, Attachment 2 for the licensee and return it to me”.

Exelon Nuclear

Job Performance Measure

Verify Acceptance Criteria for Acoustic Monitor Based on Test Results

JPM Number: A-N-2-R

Revision Number: 01

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 Bank JPM.

Revision 01 Revised for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 NSO.
2. DOS 0250-06 was performed last shift, for the Acoustic Monitor / Temperature Detector Operability Test.
3. The off-going NSO was unable to verify the paperwork, and has turned it over to you.
4. The NSO reported all surveillance requirements were within specifications.

INITIATING CUE

1. Verify all requirements are within specifications, and paperwork is correct.

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee with the completed copy of DOS 0250-06.				
1. Examinee reviews paperwork.				
2. * Examinee should identify data sheet valve 203-4B threshold volt is out of spec (see KEY).	Identifies out of spec value.	_____	_____	_____
3. * Examinee should identify data sheet valve 203-4F threshold volt is out of spec (see KEY).	Identifies out of spec value.	_____	_____	_____
4. Examinee should identify data sheet valve 203-4C "Amber Light Out" step that should NOT be N/A'd (see KEY).	Identifies N/A'd step.	_____	_____	_____
5. * Examinee should identify data sheet valves 203-3C and 203-4F discharge temps are > 100^{o}F difference (see KEY).	Identifies 2 temperatures > 100^{o}F difference.	_____	_____	_____
CUE: Respond as needed, as the NLO in the field.				
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: RO

JPM Title: Verify Acceptance Criteria for Acoustic Monitor Based on Test Results
JPM Number: A-N-2-R Revision Number: 01
Task Number and Title: 299L080 Perform the administrative duties for conduct of surveillance, special, or complex procedures.

K/A Number and Importance: Generic.2.1.25 2.8 / 3.1

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: DOS 0250-06, rev 13

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 NSO.
2. DOS 0250-06 was performed last shift, for the Acoustic Monitor / Temperature Detector Operability Test.
3. The off-going NSO was unable to verify the paperwork, and has turned it over to you.
4. The NLO reported all surveillance requirements were within specifications.

INITIATING CUE

1. Verify all requirements are within specifications, and paperwork is correct.

Exelon Nuclear

Job Performance Measure

Reportability Determination

JPM Number: A-N-2-S

Revision Number: 01

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 Bank JPM.

Revision 01 Revised for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit Supervisor.

2. An event has occurred resulting in the following conditions:

    - A Reactor Operator telephones the Control Room, from home, and informs you that they were convicted of a felony yesterday.

INITIATING CUE

1. Determine the Reportability requirements, including the Event Classification and the Time Limit of any Notifications or Reports, if any.

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Examinee locates a copy of Reportability Manual LS-AA-1110.				
1. Determines the event is reportable per SAF 1.41.	Determines the event is reportable per SAF 1.41, Felony Conviction of a Licensed Operator.	_____	_____	_____
2. * Determines the time limit to make a written report is 30 days.	Determines the time limit to make a written report is within 30 days of a felony conviction of a licensed operator.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: SRO

JPM Title: Reportability Determination
JPM Number: A-N-2-S Revision Number: 01
Task Number and Title: 299L001, Determine Reportability requirements as outlined in station Reportability manual.

K/A Number and Importance: Generic.2.1.1 3.7 / 3.8

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☒ Yes ☐ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: Reportability Manual LS-AA-1110, rev 08

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit Supervisor.

2. An event has occurred resulting in the following conditions:

   - A Reactor Operator telephones the Control Room, from home, and informs you that they were convicted of a felony yesterday.

INITIATING CUE

1. Determine the Reportability requirements, including the Event Classification and the Time Limit of any Notifications or Reports, if any.

Exelon Nuclear

Job Performance Measure

Verify Reversal of Emergency Diesel Generator Cooling Water Flow

JPM Number: A-N-3-R

Revision Number: 00

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 New JPM created for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 NSO.
2. DOS 6600-02, REVERSAL OF EMERGENCY DIESEL GENERATOR COOLING WATER FLOW, has just been completed on the Unit 2 EDG, for an annual PMT.
3. The NLO has brought the surveillance to the Control Room for verification.

INITIATING CUE

1. The Unit Supervisor directs you to verify the surveillance.
2. Return the surveillance to the Unit Supervisor 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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee the completed copy of DOS 6600-02.				
1. Examinee reviews the paperwork.				
2. Examinee should identify step I.5.a as having an incorrect value.	Differential Pressure (DP) should be **4**.	_____	_____	_____
3. * Examinee should identify step I.15.a value as being above the Acceptance Criteria value (in step I.16).	Acceptance Criteria (AC) is **< 6.0 psid**.	_____	_____	_____
4. Examinee should identify steps I.20.a and I.20.b as having the same initial as the rest of the initials (NOT independently verified).	Should NOT be initialed by same person as performing rest of surveillance.	_____	_____	_____
5. Reports the discrepancies to the Unit Supervisor	Acknowledge report.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: RO

JPM Title: Verify Reversal of Emergency Diesel Generator Cooling Water Flow
JPM Number: A-N-3-R Revision Number: 00
Task Number and Title: 26400LK003, Describe Emergency Diesel Generator surveillance testing, including frequency, types of starts, and duration runs.

K/A Number and Importance: Generic.2.2.12 3.0 / 3.4

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: DOS 6600-02, rev 15

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 NSO.
2. DOS 6600-02, REVERSAL OF EMERGENCY DIESEL GENERATOR COOLING WATER FLOW, has just been completed on the Unit 2 EDG, for an annual PMT.
3. The NLO has brought the surveillance to the Control Room for verification.

INITIATING CUE

1. The Unit Supervisor directs you to verify the surveillance.
2. Return the surveillance to the Unit Supervisor when complete.

Exelon Nuclear

Job Performance Measure

Verify Semi-Annual HRSS AFU Operability Test

JPM Number: A-N-3-S

Revision Number: 01

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 Bank JPM.

Revision 01 JPM revised for ILT 06-1 NRC Exam.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 Unit Supervisor.
2. DOS 8900-01 was performed, last shift, for Unit 2 HRSS AFU.
3. The NLO reported all surveillance requirements were within specifications .
4. The off-going Unit Supervisor was unable to verify the paperwork, and has turned it over to you.

INITIATING CUE

1. Verify all requirements are within specifications, and paperwork is correct.

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the student with the completed (simulated) and marked up DOS 8900-01.				
NOTE: The following steps may be identified in any order.				
1. Examinee reviews paperwork.				
2. * Examinee should identify, on data sheet 1, that the Filter Exhaust Fan 1 Delta CFM is NOT $\geq$ 200 cfm.	Identifies that Delta CFM is 125 CFM.	_____	_____	_____
3. * Examinee should identify, on data sheet 1, that the Filter Exhaust Fan 2 dP is NOT < 6 inches.	Identifies that dP is 7 inches.	_____	_____	_____
4. Examinee should identify step I.16.c.(2) not have been N/A'd.	Identifies that the step should NOT have been N/A'd.	_____	_____	_____
5. Reports that the surveillance does NOT meet all acceptance criteria and may notify System Engineer.	Acknowledge report.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: SRO

JPM Title: Verify Semi-Annual HRSS AFU Operability Test
JPM Number: A-N-3-S Revision Number: 01
Task Number and Title: 299L080 Perform the administrative duties for conduct of surveillance, special, or complex procedures.

K/A Number and Importance: Generic.2.2.12 3.0 / 3.4

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☒ Yes ☐ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: DOS 8900-01, rev 09

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Unit 2 Unit Supervisor.
2. DOS 8900-01 was performed, last shift, for Unit 2 HRSS AFU.
3. The NLO reported all surveillance requirements were within specifications .
4. The off-going Unit Supervisor was unable to verify the paperwork, and has turned it over to you.

INITIATING CUE

1. Verify all requirements are within specifications, and paperwork is correct.

Exelon Nuclear

Job Performance Measure

Select Personnel for Radiation Work

JPM Number: A-N-4-R

Revision Number: 00

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 New JPM created for ILT 06-1 NRC Exam, modified from Quad Cities Bank.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You will be briefing NLOs to perform a Clearance Order First Hang in the Unit 3 RWCU Pump Room under RWP 10004555.
2. Five NLOs are available this shift.
   - None of the five have received dose at any location other than Dresden Station.
   - None of the five have received dose since midnight on any RWPs other than 10004555.
3. The Radiation Protection Department has provided the attached Survey map, and the following dose history for the five NLOs to assist you in your planning:

Name	Annual TEDE dose as of Midnight Today	DDE dose received on RWP 10004555 Today
Ben	1940 mrem	0 mrem
Larry	1500 mrem	35 mrem
Jim	1800 mrem	8 mrem
Steve	1900 mrem	5 mrem
Bob	1950 mrem	0 mrem

4. The total expected stay time for each NLO will be 45 minutes. Based on past job history, it will breakdown as follows:

- 30 minutes total in the area near the following **two** valves:
  - 3-1201-138 RWCU Aux Pump Suction (at RWCU Aux Pump)
  - 3-1201-139 RWCU Aux Pump Discharge (at RWCU Aux Pump)
- 15 minutes total in the area near the following **one** valve:
  - 3-1201-128A 'A' RWCU Pump Suction (at 'A' RWCU Pump)

INITIATING CUE

1. CALCULATE the expected dose for the work in RWCU Pump Room. DETERMINE which NLO(s) CAN and which NLO(s) CAN NOT be assigned to perform the task. EXPLAIN the basis for your determination.

Job Performance Measure (JPM)

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

KEY

EVALUATOR: The candidate must determine that dose for the task will be 70 mrem and determine that only two NLO can receive the dose, necessary to complete the task. They are Jim and Steve. See the table below for projected job dose, 24 hour total dose on RWP 10004555, and total Annual TEDE dose for each Operator.

Calculation:

2 valves clearance (at RWCU Aux Pump) projected dose = 0.50 hr x 80 mr/hr = 40mrem
1 valve clearance (at 'A' RWCU Pump) projected dose = 0.25hr x 120 mr/hr = 30mrem

40mrem + 30 mrem = 70 mrem projected job dose for clearance order hanging

Name	DDE dose received on RWP 10004555 today	Annual TEDE dose as of Midnight Today	Projected dose on RWP 10004555 for the 24 hour period	Projected Annual TEDE (including all dose from last 24 hours)
Ben	0 mrem	1940 mrem	(0 + 70 =) 70 mrem	(1940 + 70 =) **2010 mrem**
Larry	35 mrem	1500 mrem	(35 + 70 =) **105 mrem**	(1500 + 70 =) 1570 mrem
Jim	8 mrem	1800 mrem	(8 + 70 =) 78 mrem	(1800 + 70 =) 1870 mrem
Steve	5 mrem	1900 mrem	(5 + 70 =) 75 mrem	(1900 + 70 =) 1975 mrem
Bob	0 mrem	1950 mrem	(0 + 70 =) 70 mrem	(1950 + 70 =) **2020 mrem**

The **bolded** values in the table exceed the applicable Company, RWP, or 10CFR limit.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee a copy of the attached RWP and survey map of the RWCU pump room.				
NOTE: The following steps may be performed in a any order.				
1. Reviews Survey Maps to determine area dose rates.	Reviews the survey maps and determines area dose rates to be 120 mr/hr for the first group of 2 valves and 80 mr/hr for the remaining valve.	____	____	____
NOTE: The following calculations should be made: 2 valve clearance projected dose = 0.50 hr x 80 mr/hr = **40mrem** 1 valve clearance projected dose = 0.25 hr x 120 mr/hr = **30mrem** Total projected dose for the job = 40mrem + 30 mrem = **70 mrem**				
2. * Calculates that the projected dose that will be received for the task is 70 mrem.	Determines the NLO's will receive 40 mrem on the first 2 valves and 30 on the next 1.	____	____	____
CUE: IF the candidate inquires at to whether or not any of the NLOs has received permission to exceed any dose limits, respond, "None of the Non Licensed Operators have received permission to exceed any limits".				
NOTE: The following steps may be performed in any order.				
3. * Determines that **Ben CAN NOT** perform the job because he would exceed the 2000 mrem Exelon Annual limit.	Ben's total Annual dose would be 2010 mrem.	____	____	____

Job Performance Measure (JPM)

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
4. * Determines that **Larry CAN NOT** perform the job because he would exceed the 80 mrem dose alarm on RWP 10004555.	Larry's total dose on RWP 10004555 would be 105 mrem.	_____	_____	_____
5. Determines that Jim CAN perform the job because no limits will be exceeded.	Jim's total RWP dose and Annual dose will remain below the limits.	_____	_____	_____
6. Determines that Steve CAN perform the job because no limits will be exceeded.	Steve's total RWP dose and Annual dose will remain below the limits.	_____	_____	_____
7. * Determines that **Bob CAN NOT** perform the job because he would exceed the 2000 mrem Exelon Annual limit.	Bob's total Annual dose would be 2020 mrem.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: RO

JPM Title: Select Personnel for Radiation Work
JPM Number: A-N-4-R Revision Number: 00
Task Number and Title: 29900LK119, Discuss the items to be considered prior to work authorization

K/A Number and Importance: Generic.2.3.4 2.5 / 3.1

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: RP-AA-203, rev 02

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You will be briefing NLOs to perform a Clearance Order First Hang in the Unit 3 RWCU Pump Room under RWP 10004555.
2. Five NLOs are available this shift.
   - None of the five have received dose at any location other than Dresden Station.
   - None of the five have received dose since midnight on any RWPs other than 10004555.
3. The Radiation Protection Department has provided the attached Survey map, and the following dose history for the five NLOs to assist you in your planning:

Name	Annual TEDE dose as of Midnight Today	DDE dose received on RWP 10004555 Today
Ben	1940 mrem	0 mrem
Larry	1500 mrem	35 mrem
Jim	1800 mrem	8 mrem
Steve	1900 mrem	5 mrem
Bob	1950 mrem	0 mrem

4. The total expected stay time for each NLO will be 45 minutes. Based on past job history, it will breakdown as follows:

- 30 minutes total in the area near the following **two** valves:
  - 3-1201-138 RWCU Aux Pump Suction (at RWCU Aux Pump)
  - 3-1201-139 RWCU Aux Pump Discharge (at RWCU Aux Pump)
- 15 minutes total in the area near the following **one** valve:
  - 3-1201-128A 'A' RWCU Pump Suction (at 'A' RWCU Pump)

INITIATING CUE

1. CALCULATE the expected dose for the work in RWCU Pump Room. DETERMINE which NLO(s) CAN and which NLO(s) CAN NOT be assigned to perform the task. EXPLAIN the basis for your determination.

Exelon Nuclear

Job Performance Measure

Select Personnel for Radiation Work

JPM Number: A-N-4-S

Revision Number: 00

Date: 11/06

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 New JPM created for ILT 06-1 NRC Exam, modified from Quad Cities Bank.

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You will be briefing NLOs to perform a Clearance Order First Hang in the Unit 3 RWCU Pump Room under RWP 10004555.
2. Five NLOs are available this shift.
   - None of the five have received dose at any location other than Dresden Station.
   - None of the five have received dose since midnight on any RWPs other than 10004555.
3. The Radiation Protection Department has provided the attached Survey map, and the following dose history for the five NLOs to assist you in your planning:

Name	Annual TEDE dose as of Midnight Today	DDE dose received on RWP 10004555 Today
Ben	1940 mrem	0 mrem
Larry	1500 mrem	35 mrem
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Steve	1900 mrem	5 mrem
Bob	1950 mrem	0 mrem

4. The total expected stay time for each NLO will be 45 minutes. Based on past job history, it will breakdown as follows:

- 30 minutes total in the area near the following **two** valves:
  - 3-1201-138 RWCU Aux Pump Suction (at RWCU Aux Pump)
  - 3-1201-139 RWCU Aux Pump Discharge (at RWCU Aux Pump)
- 15 minutes total in the area near the following **one** valve:
  - 3-1201-128A 'A' RWCU Pump Suction (at 'A' RWCU Pump)

INITIATING CUE

1. CALCULATE the expected dose for the work in RWCU Pump Room. DETERMINE which NLO(s) CAN and which NLO(s) CAN NOT be assigned to perform the task. EXPLAIN the basis for your determination.

Job Performance Measure (JPM)

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

KEY

EVALUATOR: The candidate must determine that dose for the task will be 70 mrem and determine that only two NLO can receive the dose, necessary to complete the task. They are Jim and Steve. See the table below for projected job dose, 24 hour total dose on RWP 10004555, and total Annual TEDE dose for each Operator.

Calculation:

2 valves clearance (at RWCU Aux Pump) projected dose = 0.50 hr x 80 mr/hr = 40mrem
1 valve clearance (at 'A' RWCU Pump) projected dose = 0.25hr x 120 mr/hr = 30mrem

40mrem + 30 mrem = 70 mrem projected job dose for clearance order hanging

Name	DDE dose received on RWP 10004555 today	Annual TEDE dose as of Midnight Today	Projected dose on RWP 10004555 for the 24 hour period	Projected Annual TEDE (including all dose from last 24 hours)
Ben	0 mrem	1940 mrem	(0 + 70 =) 70 mrem	(1940 + 70 =) **2010 mrem**
Larry	35 mrem	1500 mrem	(35 + 70 =) **105 mrem**	(1500 + 70 =) 1570 mrem
Jim	8 mrem	1800 mrem	(8 + 70 =) 78 mrem	(1800 + 70 =) 1870 mrem
Steve	5 mrem	1900 mrem	(5 + 70 =) 75 mrem	(1900 + 70 =) 1975 mrem
Bob	0 mrem	1950 mrem	(0 + 70 =) 70 mrem	(1950 + 70 =) **2020 mrem**

The **bolded** values in the table exceed the applicable Company, RWP, or 10CFR limit.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee a copy of the attached RWP and survey map of the RWCU pump room.				
NOTE: The following steps may be performed in a any order.				
1. Reviews Survey Maps to determine area dose rates.	Reviews the survey maps and determines area dose rates to be 120 mr/hr for the first group of 2 valves and 80 mr/hr for the remaining valve.	____	____	____
NOTE: The following calculations should be made: 2 valve clearance projected dose = 0.50 hr x 80 mr/hr = **40mrem** 1 valve clearance projected dose = 0.25 hr x 120 mr/hr = **30mrem** Total projected dose for the job = 40mrem + 30 mrem = **70 mrem**				
2. * Calculates that the projected dose that will be received for the task is 70 mrem.	Determines the NLO's will receive 40 mrem on the first 2 valves and 30 on the next 1.	____	____	____
CUE: IF the candidate inquires at to whether or not any of the NLOs has received permission to exceed any dose limits, respond, "None of the Non Licensed Operators have received permission to exceed any limits".				
3. * Determines that **Ben CAN NOT** perform the job because he would exceed the 2000 mrem Exelon Annual limit.	Ben's total Annual dose would be 2010 mrem.	____	____	____
4. * Determines that **Larry CAN NOT** perform the job because he would exceed the 80 mrem dose alarm on RWP 10004555.	Larry's total dose on RWP 10004555 would be 105 mrem.	____	____	____

Job Performance Measure (JPM)

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
5. Determines that Jim CAN perform the job because no limits will be exceeded.	Jim's total RWP dose and Annual dose will remain below the limits.	_____	_____	_____
6. Determines that Steve CAN perform the job because no limits will be exceeded.	Steve's total RWP dose and Annual dose will remain below the limits.	_____	_____	_____
7. * Determines that **Bob CAN NOT** perform the job because he would exceed the 2000 mrem Exelon Annual limit.	Bob's total Annual dose would be 2020 mrem.	_____	_____	_____
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: SRO

JPM Title: Select Personnel for Radiation Work
JPM Number: A-N-4-S Revision Number: 00
Task Number and Title: 29900LK119, Discuss the items to be considered prior to work authorization

K/A Number and Importance: Generic.2.3.4 2.5 / 3.1

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☐ Yes ☒ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 10 minutes **Actual Time Used:** ____ minutes

References: RP-AA-203, rev 02

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You will be briefing NLOs to perform a Clearance Order First Hang in the Unit 3 RWCU Pump Room under RWP 10004555.
2. Five NLOs are available this shift.
   - None of the five have received dose at any location other than Dresden Station.
   - None of the five have received dose since midnight on any RWPs other than 10004555.
3. The Radiation Protection Department has provided the attached Survey map, and the following dose history for the five NLOs to assist you in your planning:

Name	Annual TEDE dose as of Midnight Today	DDE dose received on RWP 10004555 Today
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4. The total expected stay time for each NLO will be 45 minutes. Based on past job history, it will breakdown as follows:

- 30 minutes total in the area near the following **two** valves:
  - 3-1201-138 RWCU Aux Pump Suction (at RWCU Aux Pump)
  - 3-1201-139 RWCU Aux Pump Discharge (at RWCU Aux Pump)
- 15 minutes total in the area near the following **one** valve:
  - 3-1201-128A 'A' RWCU Pump Suction (at 'A' RWCU Pump)

INITIATING CUE

1. CALCULATE the expected dose for the work in RWCU Pump Room. DETERMINE which NLO(s) CAN and which NLO(s) CAN NOT be assigned to perform the task. EXPLAIN the basis for your determination.

Exelon Nuclear

Job Performance Measure

Authorize Use of KI

JPM Number: A-N-5-S

Revision Number: 00

Date: 03/07

Developed By: _____ _____

Instructor **Date**

Approved By: _____ _____

Facility Representative **Date**

Job Performance Measure (JPM)

Revision Record (Summary)

Revision 00 New JPM created for ILT 06-1 NRC Exam (modified from LaSalle 2006 exam).

Job Performance Measure (JPM)

SIMULATOR SETUP INSTRUCTIONS

1. None, this is a tabletop JPM.

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Station Emergency Director.
2. A General Emergency has been declared.
3. There is an offsite release in progress.
4. Fuel Failure has occurred, together with a failure of the RCS.
5. Containment is currently being challenged.
6. The TSC has NOT been activated, but the appropriate EAL has been declared.
7. An Emergency life saving operation MUST be performed.
8. The operation will take between 15 and 20 minutes in a 100 R/hr field (CDE) with unknown fission product gas concentration in the room.
9. The operation requires two people to enter the field.
10. Fred Mertz and Harvey Korman have volunteered.
11. Fred and Harvey have never received an emergency exposure before.
12. Authorization for Emergency Exposure (EP-AA-113-F-02 forms) have been filled out for Fred and Harvey.

INITIATING CUE

1. Perform a KI assessment, per section 4.4 of EP-AA-113.

Job Performance Measure (JPM)

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.
* • Denotes critical elements of a critical step.

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section at the bottom of the page. The comment section should be used to document the reason that a step is marked as unsatisfactory and to document unsatisfactory performance relating to management expectations.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

Job Performance Measure (JPM)

JPM Start Time: _____

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
NOTE: Provide the examinee copies of: EP-AA-113, Personnel Protective Actions Filled out copies (2) of EP-AA-113-F-02, Authorization Of Emergency Exposure EP-AA-113-F-03, Thyroid Blocking Agent Authorization				
1. Applicant determines need for emergency action.	Emergency action is needed per initiating cue.	_____	_____	_____
2. Applicant recognizes per the initiating cue that authorization to take KI must also be completed prior to the emergency workers entering the space.	Recognizes that authorization to take KI must also be completed.	_____	_____	_____
3. * Determines from step 4.4.1.B that workers will be entering an unknown radiological atmosphere that is suspected to have a high iodine concentration. (Based on initial cue.) Determines KI must be issued.	Determines KI must be issued.	_____	_____	_____
4. * Documents the decision to issue KI using Thyroid Blocking Agent Authorization Form (EP-AA-113-F-03). Both individuals entering the space must be listed with correct social security numbers.	Fred Mertz, SSN# 012-34-5678; Harvey Korman, SSN# 123-45-6789.	_____	_____	_____
NOTE: If asked, inform examinee the Occupational Health (Medical) Services Department has been notified.				

Job Performance Measure (JPM)

PERFORMANCE CHECKLIST	STANDARDS	SAT	UNSAT	Comment #
5. Provides EP-AA-113-F-03 form to Radiation Protection Manager for review.	Examinee states that he/she would provide EP-AA-113-F-03 form to Radiation Protection Manager for review.	_____	_____	_____
NOTE: JPM is complete when applicant provides EP-AA-113-F-03 form to RP Manager for review.				
	END			

JPM Stop Time:_____

Job Performance Measure (JPM)

Operator's Name: _____

Job Title: SRO

JPM Title: Authorize Use of KI
JPM Number: A-N-5-S Revision Number: 00
Task Number and Title: Perform the duties of the Shift Emergency Director

K/A Number and Importance: Generic.2.4.40 2.3 / 4.0

Suggested Testing Environment: Simulator

Actual Testing Environment: ☒ Simulator ☐ Control Room ☐ In-Plant

Testing Method: ☐ Simulate ☒ Perform Alternate Path**:** ☐ Yes ☒ No SRO Only**:** ☒ Yes ☐ No

Time Critical: ☐ Yes ☒ No

Estimated Time to Complete: 20 minutes **Actual Time Used:** ____ minutes

References: EP-AA-112-100-F-01, rev F; EP-AA-113, rev 7; EP-AA-113-F-03, rev B

EVALUATION SUMMARY:
Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

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

Comments: _____

Evaluator's Name: _____ (Print)

Evaluator's Signature: _____ Date: _____

Job Performance Measure (JPM)

INITIAL CONDITIONS

1. You are the Station Emergency Director.
2. A General Emergency has been declared.
3. There is an offsite release in progress.
4. Fuel Failure has occurred, together with a failure of the RCS.
5. Containment is currently being challenged.
6. The TSC has NOT been activated, but the appropriate EAL has been declared.
7. An Emergency life saving operation MUST be performed.
8. The operation will take between 15 and 20 minutes in a 100 R/hr field (CDE) with unknown fission product gas concentration in the room.
9. The operation requires two people to enter the field.
10. Fred Mertz and Harvey Korman have volunteered.
11. Fred and Harvey have never received an emergency exposure before.
12. Authorization for Emergency Exposure (EP-AA-113-F-02 forms) have been filled out for Fred and Harvey.

INITIATING CUE

1. Perform a KI assessment, per section 4.4 of EP-AA-113.