Facility: **BVPS UNIT 1** Task No: 0481-006-03-013

Task Title: Shift Relief And Turnover JPM No: 2002 NRC A1a RO

K/A Reference: 2.1.3 (3.0)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of testing:

Simulated Performance: _____ Actual Performance ___X___

Classroom: _____ Simulator: ___X___ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is operating at 100% power. You are the oncoming day shift Reactor Operator. You have just completed relief turnover with the offgoing RO with the exception of completing the control board checklist. The IPC is out of service.
Task Standard:	1OST-48.3A, Control Board Checklist completed and errors reported.
Required Materials:	None
General References:	1OST-48.3A, Control Board Checklist, Rev. 10
Handout:	1OST-48.3A (attached marked up copy)
Initiating Cue:	In accordance with 1OST-48.3A, Control Board Checklist, perform a control board walkdown and report your results.
Time Critical Task:	NO
Validation Time:	20 minutes

Simulator Setup Information

Setup: Initialize IC-94. Verify the following:

- 1QS-P-1A C/S in P-T-L
- MOV-1RC-537 override C/S in CLOSE (green light ON)
- Emerg Gen #1 Auto/Exercise C/S in EXERCISE

(Denote Critical Steps with an asterisk)

NOTE:	Individual reports are not required for each section of the procedure. The Candidate may review the entire checklist before reporting the results.

Performance Step 1: Complete Initial Conditions section of procedure.

Standard: Candidate initials Step IV.1 to begin performance of the OST.

Comments:

---

* **Performance Step 2:** Verify the Containment Isolation Valves (Train 'A' and 'B') are in their required positions.

Standard: Candidate verifies that all valves are in their required positions as listed in the OST Checklist.

Comments:

---

* **Performance Step 3:** Verify ESF Pump Control Switches are in their required positions.

Standard: Candidate identifies that 1QS-P-1A is not in the AUTO position as designated in the OST Checklist.

Evaluator Note: If asked, inform the Candidate that the Plant Operator will investigate, and to continue with the OST checklist.

Comments:

---

* **Performance Step 4:** Verify ESF Valves are in their required positions.

Standard: Candidate identifies that MOV-1RC-537 is not in the OPEN position as designated in the OST Checklist.

Cue: If asked, inform the Candidate that the Plant Operator will investigate, and to continue with the OST checklist.

Comments:

---

* **Performance Step 5:** Verify Diesel Generators are in their required positions.

Standard: Candidate identifies that the Emerg Gen 1 Auto/Exercise Selector Switch is not in the AUTO position as designated in the OST Checklist.

Evaluator Note: If asked, inform the Candidate that the Plant Operator will investigate, and to continue with the OST checklist.

Comments:

---

* **Performance Step 6:** Assign a Deviation Number in the Shift Check Block.

Standard: Candidate assigns a Deviation Number to each of the identified deficiencies and records the number in the Shift Check Block.

Comments:

---

* **Performance Step 7:** Consult Acceptance Critieria.

Standard: Candidate refers to Acceptance Criteria and informs Shift Manager of identified deficiencies for acceptability.

CUE: The Unit Supervisor will review and disposition the deviations.

Comments:

Terminating Cue: The evaluation is complete when the Candidate reports the errors identified in the OST checklist.

JPM No.: 2002 NRC A1a RO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's Signature: _____ Date: _____

INITIAL CONDITIONS: The plant is operating at 100% power. You are the oncoming day shift Reactor Operator. You have just completed relief turnover with the offgoing RO with the exception of conducting the control board walkdown. The IPC is out of service.

INITIATING CUE: In accordance with 1OST-48.3A, Control Board Checklist, perform a control board walkdown and report your results.

Facility: **BVPS UNIT 1** Task No: 1300-001-03-023

Task Title: Shift Relief And Turnover JPM No: 2002 NRC A1a SRO

K/A Reference: 2.1.3 (3.4)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of testing:

Simulated Performance: _____ Actual Performance __X__

Classroom: __X__ Simulator: __X__ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is operating at 100% power. You are the oncoming day shift Unit Supervisor. The RO has completed shift relief turnover including the Control Board Checklist. The IPC is out of service.
Task Standard:	Verify the Control Board Checklist OST is correctly completed in accordance with 1OST-48.3A.
Required Materials:	None
General References:	1OST-48.3A, Control Board Checklist, Rev. 10
Handout:	1OST-48.3A (attached marked up copy)
Initiating Cue:	As the Unit Supervisor perform a review of 1OST-48.3A, Control Board Checklist for acceptability and report your results.
Time Critical Task:	NO
Validation Time:	15 minutes

Simulator Setup Information

Setup: Initialize IC-94. Verify the following:

- 1QS-P-1A C/S is in P-T-L
- MOV-1RC-537 override C/S in CLOSE (green light ON)
- Emerg Gen #1 Auto/Exercise C/S in EXERCISE

(Denote Critical Steps with an asterisk)

Evaluator Note:	Provide the Candidate with a copy of 1OST-48.3A, Control Board Checklist.

* **Performance Step:** Reviews procedure for acceptability.

Evaluator Note: Candidate may refer to actual control board equipment positions to verify information in the OST Checklist.

Standard: Candidate identifies the following errors:

- Item II.b [MOV-1RC-516] is not checked in the 08 - 16 Shift Check Block.
- Item IV.2 [MOV-1RW-116A] is not checked in the 08 - 16 Shift Check Block.
- Item IV.40 does not list Deviation Number #2 in the Shift Check Block for MOV-1RC-537 being in the CLOSED position.

Comments:

---

* **Performance Step:** Refers to Acceptance Criteria to determine required action.

Standard: Candidate reports that the OST was not satisfactorily completed and that the Acceptance Criteria is not met.

CUE: The Shift Manager will review and disposition the identified deviations.

Comments:

Terminating Cue: The evaluation is complete when the Candidate reports the errors identified to the Shift Manager.

JPM No.: 2002 NRC A1a SRO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's Signature: _____ Date: _____

INITIAL CONDITIONS: The Unit is operating at 100% power. You are the oncoming day shift Unit Supervisor. The RO has completed shift relief turnover including the Control Board Checklist. The IPC is out of service.

INITIATING CUE: As the Unit Supervisor perform a review of 1OST-48.3A, Control Board Checklist for acceptability and report your results.

Facility: **BVPS UNIT 1** Task No: 0011-006-01-013

Task Title: Perform Shutdown Margin Calculation JPM No: 2002 NRC A1b RO

K/A Reference: 2.1.25 (2.8)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance X

Classroom: X Simulator: _____ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is at 100% power. All control rods are at 225 steps. Control rod "F10" is INOPERABLE (immovable and untrippable). Core age is 8,300 MWD/MTU with a boron concentration of 1200 1200 ppm. RCS Tavg is stable at 576°F. A4-46, Tavg Deviation From Tref is OFF.
Task Standard:	Correctly calculates shutdown margin in accordance with 1OST-49.1.
Required Materials:	Calculator Cycle 15 Curves CB-21, CB-24A, 24B & 24C
General References:	1OST-49.1, Shutdown Margin Calculation (Plant Critical), Rev. 6
Handout:	1OST-49.1 (marked up copy attached)
Initiating Cue:	The Unit Supervisor directs you to perform 1OST-49.1 to calculate the shutdown margin and report your results.
Time Critical Task:	NO
Validation Time:	20 minutes

Simulator Setup Information

Setup:	None required.

(Denote critical steps with an asterisk)

Evaluator Note:	Provide the Candidate with a copy of 1OST-49.1, Cycle 15 Curves and a calculator. Allow the Candidate to complete the calculation and then report the results.

Performance Step: Enter Test Preparation Data (Section VII.A).

Standard: Candidate initials Step VII.A. 1 (plant in Mode 1, Tavg < 5°F above Tref, A4-46 OFF) from information given in Initial Conditions.

Candidate N/A's Step VII.A.2 (Mode 2 condition).

Candidate enters the following information in Data Sheet 1:

- Control Bank "D" is at 225 steps (Step A.4).
- Reactor power is 100% (Step A.5).
- Number of Immovable or Untrippable Rods is 1 (Step A.6).

Candidate N/A's step VII.A.7 (greater than 1 immovable rod).

Comments:

* **Performance Step:** Calculate shutdown margin (Section VII.B & Data Sheet 1).

Evaluator Note: Refer to Data Sheet 1 Answer Key to verify the calculation is correct.

Standard: Candidate determines and enters the following data:

- ARO TBW for 8,000 MWD/MTU = 7.016 %Δk/k (Step B.1.a)
- IRW = 0 pcm and 0 %Δk/k from CB-24A (Step B.1.b)
- TBW minus IBW = 7.016 %Δk/k (Step B.1.c)
- 90% Current TBW = 6.314 %Δk/k (Step B.1.d)
- 90% TBW minus Stuck Rod Worth = 3.085 %Δk/k (Step B.3)
- RCS boron concentration = 1200 ppm (Step B.4.a)
- Power Defect from CB-21 = 1800 pcm & 1.8 %Δk/k (Step B.4.b & c)
- Power Defect + Operating temperature band margin = 1.8 & 2.05 %Δk/k (Step B.4.d)
- Shutdown Margin = 1.035 %Δk/k (Step B.5)

Comments:

Terminating Cue: When the Candidate completes the shutdown margin calculation, the evaluation for this JPM is complete.

VERIFICATION OF COMPLETION

JPM No.: 2002 NRC A1b RO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

INITIAL CONDITIONS: The Unit is at 100% power. All control rods are at 225 steps. Control rod "F10" is INOPERABLE (immovable and untrippable). Core age is 8,300 MWD/MTU with a boron concentration of 1200 1200 ppm. RCS Tavg is stable at 576°F. A4-46, Tavg Deviation From Tref is OFF.

INITIATING CUE: The Unit Supervisor directs you to perform 1OST-49.1 to calculate the shutdown margin and report your results.

Facility: **BVPS UNIT 1** Task No: 1340-007-03-023

Task Title: Review Shutdown Margin Calculation JPM No: 2002 NRC A1b SRO

K/A Reference: 2.1.25 (3.1)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance X

Classroom: X Simulator: _____ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is at 100% power. All control rods are at 225 steps. Control rod "F10" is INOPERABLE (immovable and untrippable). Core age is 8,300 MWD/MTU with a boron concentration of 1200 ppm. RCS Tavg is stable at 576°F.
Task Standard:	Verify shutdown margin calculation and determines that Acceptance Criteria is not met in accordance with 1OST-49.1
Required Materials:	Calculator Cycle 15 Curves CB-21, CB-24A, 24B & 24C
General References:	1OST-49.1, Shutdown Margin Calculation (Plant Critical), Rev. 6
Handout:	1OST-49.1 (marked up copy attached)
Initiating Cue:	The Shift Manager requests you to perform a review of 1OST-49.1 to verify that the Acceptance Criteria is met. Report your results when completed.
Time Critical Task:	NO
Validation Time:	20 minutes

Simulator Setup Information

Setup:	None required.

(Denote critical steps with an asterisk)

	Evaluator Note:	Provide the Candidate with a copy of 1OST-49.1, Cycle 15 Curves and a calculator. Allow the Candidate time to review the calculation and refer to the Acceptance Criteria before reporting the results.

Performance Step: Complete Test Preparation Data (Step VII.A).

Standard: Candidate verifies the plant is in Mode 1 and Tavg is less than 5°F above Tref from Initial Conditions.

Candidate verifies Step VII.A.2 is N/A (Mode 2 condition).

Candidate verifies the following information in Data Sheet 1:

- Control Bank 'D' is at 225 steps (Step VII.A.4).
- Reactor power is 100% (Step VII.A.5).
- Number of Immovable or Untrippable Rods is 1 (Step VII.A.6).

Candidate verifies Step VII.A.7 is N/A (more than 1 immovable rod).

Comments:

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* **Performance Step:** Review shutdown margin calculation (Step VII.B).

Standard: Candidate identifies the following errors on Data Sheet 1:

- Values in 4.c are incorrect (1600 vs. 1800 and 1.6 vs. 1.8)
- Values in 4.d are incorrect (1.6 vs. 1.8 and 1.85 vs. 2.05)
- Values in 5 are incorrect (1.85 vs. 2.05 and 1.235 vs. 1.035)

Evaluator Note: If asked, inform the Candidate to correct any errors in the calculation and complete the remainder of the OST.

Comments:

* **Performance Step:** Test Completion (Section VII.C).

Standard: Candidate determines that the Acceptance Criteria (SDM > 1.77% $\Delta k/k$) is not met and informs the Shift Manager of the test results.

CUE: Inform the Candidate as the Shift Manager that Reactor Engineering has been contacted to reverify the shutdown margin calculation.

Comments:

Terminating Cue: When the Candidate informs the Shift Manager of the results of the calculation, the evaluation for this JPM is complete.

VERIFICATION OF COMPLETION

JPM No.: 2002 NRC A1b SRO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

INITIAL CONDITIONS: The Unit is at 100% power. All control rods are at 225 steps. Control rod "F10" is INOPERABLE (immovable and untrippable). Core age is 8,300 MWD/MTU with a boron concentration of 1200 1200 ppm. RCS Tavg is stable at 576°F.

INITIATING CUE: The Shift Manager requests you to perform a review of 1OST-49.1 to verify that the Acceptance Criteria is met. Report your results when completed.

JOB PERFORMANCE MEASURE

Facility: **BVPS UNIT 1** Task No: 0481-020-03-013

Task Title: Prepare A Clearance Tagout JPM No: 2002 NRC A2 RO

K/A Reference: 2.2.13 (3.6)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance X

Classroom: X Simulator: _____ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The plant is operating at 100% power with all systems in their normal operating alignment. A tagout section has been prepared to isolate [1CH-P-2B], Boric Acid Transfer Pump for maintenance.
Task Standard:	Correctly identify all tagout section errors.
Required Materials:	None
General References:	NPDAP 3.4, Rev. 14 1OM-7.3.B and 7.3.C 1OM Figure 7-3, Rev. 12
Handout:	1OM Figure 7-3 1OM-7.3.B and 7.3.C
Initiating Cue:	The Unit Supervisor directs you to review the tagout section for correct selection of clearance points.
Time Critical Task:	NO
Validation Time:	15 minutes

Simulator Setup Information

Setup:	None required.

(Denote Critical Steps with an asterisk)

NOTE:	This task is normally performed using the NOMS clearance computer and signed electronically. For the purpose of this JPM, inform the Candidate to report the results of the tagout review in place of signing the tagout form.

Evaluator Note:	Provide Candidate with a copy of the JPM Handout (Tagout forms and 1OM Fig. 7-3) and 1OM-7.3.B and 7.3.C.

* **Performance Step 1:** Review tagout section for accuracy and completeness.

Standard: Candidate verifies that appropriate clearance points are selected.

Candidate identifies and reports the following tagout errors:

- Valve [1CH-80] is incorrectly listed in the OPEN position.
- Valve [1CH-99] is incorrectly listed in the SHUT position in the Restoration Section.
- 480V breaker is incorrectly listed as MCC-1-E11-B.

Evaluator Note: If the Candidate asks for direction following identification of the first error, direct the Candidate to review the remainder of the tagout section.

Comments:

Terminating Cue: When the Candidate reports the results of the tagout section review the evaluation for this JPM is complete.

VERIFICATION OF COMPLETION

JPM No.: 2002 NRC A2 RO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT _____

Examiner's Signature: _____ Date: _____

INITIAL CONDITIONS: The plant is operating at 100% power with all systems in their normal operating alignment. A tagout section has been prepared to isolate [1CH-P-2B], Boric Acid Transfer Pump for maintenance.

INITIATING CUE: The Unit Supervisor directs you to review the tagout section for correct selection of clearance points.

Facility: **BVPS UNIT 1** Task No: 1300-027-03-023

Task Title: Evaluate Removing Equipment From Service JPM No: 2002 NRC A2 SRO

K/A Reference: 2.2.17 (3.5)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance X

Classroom: X Simulator: _____ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is in Mode 1. [1EE-EG-1], Emergency Diesel Generator No. 1 is scheduled to be tagged out for maintenance and removed from service within 1 hour. Additionally, the FIN Team has requested permission to tagout and troubleshoot [1MS-465], Turbine Driven AFW Pump Trip & Throttle Valve. The valve will be left open during troubleshooting. The work is expected to take 5 hours to complete. All other plant equipment is operable. A Reactor Safety Engineer is not available.
Task Standard:	Correctly determine which equipment may be removed from service in accordance with NPDAP 7.12.
Required Materials:	None
General References:	NPDAP 7.12, Non-Outage Planning, Scheduling, and Risk Assessment Unit 1 Technical Specifications
Handout:	NPDAP 7.12 Unit 1 Technical Specifications
Initiating Cue:	For the given plant conditions, determine which maintenance activities can be authorized to proceed and report your results.
Time Critical Task:	NO
Validation Time:	15 minutes

Simulator Setup Information

Setup:	None required.

PERFORMANCE INFORMATION

Perform On-Line Risk Assessment 2002 NRC A2 SRO

(Denote critical steps with an asterisk)

* **Performance Step 1:** Correctly determine the maintenance activities that can be authorized to proceed.

Standard: Candidate determines that [1EE-EG-1], Emergency Diesel Generator No. 1 and the Turbine Driven AFW Pump cannot be simultaneously removed from service.

Evaluator Note: Reference NPDAP 7.12, Attachment 8, Item 4 under Main and Auxiliary Feedwater.

Comments:

Terminating Cue: When the Candidate reports the results of the determination, the evaluation for this JPM is complete.

VERIFICATION OF COMPLETION

JPM No.: 2002 NRC A2 SRO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

INITIAL CONDITIONS:

The Unit is in Mode 1. [1EE-EG-1], Emergency Diesel Generator No. 1 is scheduled to be tagged out for maintenance and removed from service within 1 hour.

Additionally, the FIN Team has requested permission to tagout and troubleshoot [1MS-465], Turbine Driven AFW Pump Trip & Throttle Valve. The valve will be left open during troubleshooting. The work is expected to take 5 hours to complete. All other plant equipment is operable. A Reactor Safety Engineer is not available.

INITIATING CUE:

For the given plant conditions, determine which maintenance activities can be authorized to proceed and report your results.

Facility: **BVPS UNIT 1** Task No: N/A

Task Title: RCA Entry Requirements JPM No: 2002 NRC A3 RO/SRO

K/A Reference: 2.3.1 (2.6/3.0)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: X Actual Performance _____

Classroom: _____ Simulator: _____ Plant: X

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The Unit is at 100% power. Annunciator [A6-3], Spent Fuel Pool Level Low is in alarm.
Task Standard:	Correctly enter and exit the RCA in accordance with station administrative procedures and radiological work practices.
Required Materials:	Survey Frisker or Personnel Contamination Monitor
General References:	1/2-ADM-1630, Radiation Worker Practices, Rev. 3
Handout:	Radiation Work Permits (attached copies)
Initiating Cue:	As the PAB Operator, the Unit Supervisor requests you to enter the RCA to make up to the Spent Fuel Pool.
Time Critical Task:	NO
Validation Time:	10 minutes

Simulator Setup Information

Setup:	None required.

(Denote critical steps with an asterisk)

NOTE: This JPM is performed in association with JPM P2 - Respond to a SFP Low Level Alarm. **This JPM must begin prior to entering the RCA.**

Evaluator Note: After giving the Initiating Cue for this JPM, provide the Candidate with copies of the 4 RWP's.

* **Performance Step 1:** Select the proper RWP for entry into the RCA.

Standard: Candidate selects RWP 102-1020, High Radiation Area - Ops Routine Functions.

Evaluator Note: After Candidate selects the correct RWP, acknowledge the Candidate's choice and then direct the Candidate to follow normal radiological work practices to enter the RCA.

Comments:

NOTE: After entering the RCA, suspend performance of this JPM and proceed to JPM P2. After completing JPM P2 and prior to exiting the RCA, continue with evaluation of this JPM.

* **Performance Step 2:** Performs exit survey using frisker or PCM to determine contamination is not present.

Standard: Correctly frisk or uses PCM to detect contamination.

CUE: Frisker/PCM alarms indicating your face is contaminated.

Comments:

* **Performance Step 3:** Repeats survey using frisker or PCM to verify contamination.

Standard: Informs Health Physics Technician that face is contaminated and waits for further guidance.

Ensures not to spread contamination while contacting Health Physics Technician for assistance.

CUE: As Health Physics Technician, direct Candidate to repeat the survey using the frisker or PCM.

Comments:

Terminating Cue: When Candidate repeats frisk/PCM survey, the evaluation for this JPM is complete.

JPM No.: 2002 NRC A3 RO/SRO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

INITIAL CONDITIONS: The Unit is at 100% power. Annunciator [A6-3], Spent Fuel Pool Level Low is in alarm.

INITIATING CUE: As the PAB Operator, the Unit Supervisor requests you to enter the RCA to make up to the Spent Fuel Pool.

Facility: **BVPS UNIT 1** Task No: N/A

Task Title: Emergency Plan Administrative Questions (RO) JPM No: 2002 NRC A4 RO

K/A Reference: 2.4.29 (2.6) 2.4.39 (3.3)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance __X__

Classroom: __X__ Simulator: _____ Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions: N/A

Task Standard: Both questions answered correctly (minimum 80%).

Required Materials: None

General References: EPP/IP 1.1, Notifications, Rev. 30
EPP/IP 1.5, Operations Support Center (OSC) Activation, Operation and Deactivation, Rev. 14

Handout: None

Initiating Cue: N/A

Time Critical Task: NO

Validation Time: 10 minutes

Simulator Setup Information

Setup:	None required.

QUESTION #1

Closed Reference

A Site Area Emergency has been declared at Unit 1.

State the time requirement for Initial Notification and the methods by which the notifications can be made.

QUESTION #2

Closed Reference

Describe the location of the OSC and the Alternate OSC and when each must be activated.

ANSWER KEY

Question #1

A Site Area Emergency has been declared at Unit 1.

State the time requirement for Initial Notification and the methods by which the notifications can be made.

ANSWER:

Initial Notifications are to be made within 15 minutes of the event declaration. Official notification is made by telephone or radio.

Grading Criteria:

- This question is worth 50% of the overall grade with the following breakdown:
  - 15 minute time requirement (30%)
  - Notification by telephone (10%) or radio (10%)

ANSWER KEY

Question #2

Describe the location of the OSC and the Alternate OSC and when each must be activated.

ANSWER:

The OSC is located above the Control Rooms in Outage Central. The OSC is required to be activated within 60 minutes of the declaration of an Alert classification, or at the direction of the Emergency Director.

The Alternated OSC is located below the Unit 1 Control Room in the Process Instrumentation and Rod Position Instrumentation Area. The Alternate OSC is activated in the event the OSC becomes uninhabitable or access to it is restricted.

Grading Criteria:

- This question is worth 50% of the overall grade with the following breakdown:
  - OSC location and activation requirement (25%)
  - Alternate OSC location and activation requirement (25%)

VERIFICATION OF COMPLETION

JPM No.: 2002 NRC A4 RO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

Facility: **BVPS UNIT 1** Task No: 1350-004-03-023

Task Title: EPP Classification JPM No: 2002 NRC A4 SRO

K/A Reference: 2.4.41 (4.1)

Examinee: _____ NRC Examiner: _____

Facility Evaluator: N/A Date: _____

Method of Testing:

Simulated Performance: _____ Actual Performance X

Classroom: _____ Simulator: X Plant: _____

READ TO THE EXAMINEE

I will explain the initial conditions, which steps to simulate or discuss, and provide initiating cues. When you complete the task successfully, the objective for this job performance measure will be satisfied.

Initial Conditions:	The simulator scenario just completed.
Task Standard:	The proper EPP classification is made within 15 minutes.
Required Materials:	None
General References:	EPP/I-1A, Recognition and Classification of Emergency Conditions, Rev. 1
Handouts	None
Initiating Cue:	Classify the events in the scenario just completed in accordance with EPP/I-1A, Recognition and Classification of Emergency Conditions.
Critical Task:	YES
Validation Time:	5 minutes

Simulator Setup Information

Setup:	None required.

(Denote critical steps with an asterisk)

Evaluator Note:	The Candidate is being evaluated on classifying the scenario events just completed.

* **Performance Step 1:** Classify the event in accordance with the Emergency Plan.

Standard: Candidate properly classifies the event within 15 minutes.

Scenario #1: Site Area Emergency classification based on EPP/I-1a, Tab 1.2.4 and 1.3.4.

Scenario #2: Alert classification based on EPP/I-1a, Tab 1.2.3.

Scenario #3: Alert classification based on EPP/I-1a, Tab 2.3.

Scenario #4: Site Area Emergency classification based on EPP/I-1a, Tab 2.3.

Scenario #5: Site Area Emergency classification based on EPP/I-1a, Tab 1.1.1 and 1.2.1.

Comments:

Terminating Cue: When the Candidate classifies the event, the evaluation for this JPM is complete.

VERIFICATION OF COMPLETION

EPP Classification 2002 NRC A4 SRO

JPM No.: 2002 NRC A4 SRO

Examinee's Name:

Examiner's Name:

Date performed:

Facility Evaluator:

Number of attempts:

Time to complete:

Question Documentation:

Question:

Response:

Result: SAT _____ UNSAT ____

Examiner's signature and date: _____ _____

INITIAL CONDITIONS: The simulator scenario just completed.

INITIATING CUE: Classify the events in the scenario just completed in accordance with EPP/I-1A, Recognition and Classification of Emergency Conditions.