

**CLINTON POWER STATION**

**Job Performance Measure**

DC Load Shedding During a Station Blackout per CPS No. 4200.01C002

JPM Number: 04200.0104

Revision Number: 03

Date: 10/17/03

Developed By:     T. Pickley         7/7/03      
Instructor Date

Validated By:     M. Griffin         10/17/03      
SME or Instructor Date

Review By:     P. K. Ryan         7/28/03      
Operations 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

CLINTON POWER STATION  
SYSTEM JPM

**JPM NUMBER:** 04200.0104

**REVISION:** 03

**Revision Record (Summary)**

1. **Revision 00,**      This is a new JPM
2. **Revision 01,**      Unknown
3. **Revision 02,**      Unknown
4. **Revision 03,**      New format

CLINTON POWER STATION  
SYSTEM JPM

JPM NUMBER: 04200.0104

REVISION: 03

Operator's Name: \_\_\_\_\_ SSN: \_\_\_\_\_

Job Title:  NLO  RO  SRO  STA  SRO Cert

JPM Title/Number: 04200.0104, DC Load Shedding During a Station Blackout

Revision Number: 03

Task Number and Title: 04200.0104, DC Load Shedding During a Station Blackout

**Suggested Testing Environment:** Plant

**Actual Testing Environment:**  Simulator  Plant  Control Room

**Testing Method:**  Simulate

Perform

**Faulted:**  No

**Alternate Path:**  No

**Time Critical:**  No

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

**References:** CPS No. 4200.01C002

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

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

CLINTON POWER STATION  
SYSTEM JPM

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READ TO THE OPERATOR

I will explain the initial conditions, which step(s) to simulate or discuss, and provide the initiating cues. When you complete the task successfully, the objective of this Job Performance Measure will be satisfied.

**SIMULATOR SET-UP CONDITIONS:**

N/A

**TASK STANDARDS:**

Complete DC load shedding in accordance with CPS 4200.01C002.

**TOOLS, EQUIPMENT, OTHER SPECIAL REQUIREMENTS:**

None

**PROCEDURAL/REFERENCES:**

CPS No. 4200.01C002, DC LOAD SHEDDING DURING A SBO.

**EVALUATOR INSTRUCTIONS:**

Amplifying cues are provided within the JPM steps.

**INITIAL CONDITIONS AND INITIATING CUE:**

The plant has experienced a Station Blackout. The Station Blackout is expected to last more than one hour. You are directed to perform DC load shedding on Division 1 in accordance with CPS No. 4200.01C002, DC LOAD SHEDDING DURING A SBO.

**START TIME:** \_\_\_\_\_

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SYSTEM JPM

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**PERFORMANCE INFORMATION**

Critical steps are denoted with an asterisk (\*) to the left of the step number and appear in **BOLDED** letters. Failure to meet the standards for a critical step constitutes failure of the Job Performance Measure. The sequence of steps is assumed unless denoted in the comments section of the JPM.

Note to Examiner

If asked: Circuit 13, "Prevents Starting DG" and Circuit 32, "Prevents Starting Div. 1 ECCS" should be opened.

**PERFORMANCE STEPS**

- \* 1. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 7 Emerg  
Ltg Cab 164, 1LL64E**

Standard                      Circuit breaker 7 is simulated being placed in the OFF position.

CUE

Comments

SAT      UNSAT      Comment Number

- \* 2. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 13 DG  
1A Control Pnl, 1PL12JA**

Standard                      Circuit breaker 13 is simulated being placed in the OFF position.

CUE

Comments

SAT      UNSAT      Comment Number

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\* 3. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 18 Opt  
Isol Cab, 1PL56JA & 1PL56JB**

Standard                      Circuit breaker 18 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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\* 4. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 26  
Control Panel 1H13-P661B, LPCS Control Power**

Standard                      Circuit breaker 26 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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\* 5. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 30  
Control Panel 1H13-P601, Position for 1E12-R611A/R612A, R609A/B**

Standard                      Circuit breaker 30 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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\* 6. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 32**  
**Control Panel 1H13-P661, RHR A Control Power**

Standard                      Circuit breaker 32 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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\* 7. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 33**  
**Control Panel 1H13-P661, RPS A Control Power**

Standard                      Circuit breaker 33 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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\* 8. **AT DC MCC 1A (1DC13E), OPEN CIRCUIT BREAKER: CKT 36**  
**Control Pnl, 1G36-P002**

Standard                      Circuit breaker 36 is simulated being placed in the OFF position.

CUE

Comments

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SAT	UNSAT	Comment Number
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STOP TIME: \_\_\_\_\_

**TERMINATING CUES:**

Division 1 DC load shedding has been completed in accordance with CPS No. 4200.01C002.

**K/A REFERENCE NUMBERS**

<b><u>K/A SYSTEM NUMBER</u></b>	<b><u>K/A NUMBER</u></b>	<b><u>Importance Rating</u></b>	
		<b><u>RO</u></b>	<b><u>SRO</u></b>
Generic	2.1.20	4.3	4.2
Generic	2.1.30	3.9	3.4
295004	AA1.01	3.3	3.4

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**INITIATING CUE**

The plant has experienced a Station Blackout. The Station Blackout is expected to last more than one hour. You are directed to perform DC load shedding on Division 1 in accordance with CPS No. 4200.01C002, DC LOAD SHEDDING DURING A SBO.