

CLINTON POWER STATION

Job Performance Measure

Scram Control Rod 32-13 By Venting The Control Rod Drive Hydraulics (CRDH)
Withdrawal Lines

JPM Number: 4411.0801

Revision Number: 02

Date: 10/14/03

Developed By: T. Pickley 10/14/03
Instructor Date

Validated By: B. Alvey 10/16/03
SME or Instructor Date

Review By: P. K. Ryan 10/16/03
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: 4411.0801

REVISION: 02

Revision Record (Summary)

1. **Revision 01,** Converted JPM 45200J03 to new format
2. **Revision 02,** Changed control rod to 32-13 to reduce rad dose during JPM.

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 4411.0801

REVISION: 02

Operator's Name: _____ SSN: _____
Job Title: NLO RO SRO STA SRO Cert

JPM Title/Number: 4411.0801, Scram Control Rod 32-13 By Venting The Control Rod Drive Hydraulics (CRDH) Withdrawal Lines

Revision Number: 02

Task Number and Title: 441108.07, Complete in plant actions to perform Venting CRD Withdrawal Lines method of Alternate Rod Insertion.

Suggested Testing Environment: Plant

Actual Testing Environment: Simulator Plant Control Room

Testing Method: Simulate Perform
Faulted: No Yes
Alternate Path: No Yes

Time Critical: No Yes

Estimated Time to Complete: 30 minutes **Actual Time Used:** _____ minutes

References:

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

JPM NUMBER: 4411.0801

REVISION: 02

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:

None

TASK STANDARDS:

Control Rod 32-13 is fully inserted.

TOOLS, EQUIPMENT, OTHER SPECIAL REQUIREMENTS:

1. Tools are located in OSC. It is not required to take them to the containment.
2. CRDH vent valve wrench.
3. HP Hose with fitting.
4. Other wrenches in the kit.

PROCEDURAL/REFERENCES:

CPS 4411.08, ALTERNATE CONTROL ROD INSERTION

EVALUATOR INSTRUCTIONS:

Amplifying cues are provided within the JPM steps.

INITIAL CONDITIONS AND INITIATING CUE:

A reactor scram occurred but control rod 32-13 failed to insert. Individually scram control rod 32-13 by venting the CRDH withdrawal line in accordance with CPS No. 4411.08, ALTERNATE CONTROL ROD INSERTION. The containment is accessible, the reactor is shutdown and you have RP support.

START TIME: _____

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 4411.0801

REVISION: 02

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.

PERFORMANCE STEPS

- *1. Connect a hose from selected HCUs 1C11-1F102, CRD Withdraw Riser Vent Valve to below the Suppression Pool water level. (Valves located in HCU cat walk area)**

Standard Examinee simulates removing the plug from the CRD riser vent valve.
Examinee should verify 1F102 shut before removing the plug.

CUE

Comments The HCU for control rod 32-13 is located at 755' Containment Building, east side, on the outboard end of the second bank of HCU's near the stairway from 737' to 755'. If desired the evaluator may select a different HCU if access to 32-13 is limited. Examinee should explain the venting hose assembly process and routing of the hose. (Access to the vent valve is a catwalk.)

SAT UNSAT Comment Number

- *2. Shut 1C11-F102, HCU Withdraw Riser Valve. (First valve on right above HCU)**

Standard Examinee simulates closing the valve for control rod 32-13.

CUE

Comments

SAT UNSAT Comment Number

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 4411.0801

REVISION: 02

- *3. Open 1C11-1F102, CRD Withdraw Riser Vent Valve, and (MCR) Provide a continuous INSERT signal (if possible) to the selected CRD.**

Standard Examinee simulates opening the riser vent valve for control rod 32-13.

CUE MCR is providing continuous insert signal. Control Rod 32-13 is fully inserted. Close 1C11-F102.

Comments

SAT UNSAT Comment Number

4. Close HCU Withdraw Riser Vent Valve 1C11-1F102.

Standard Examinee simulates closing the valve for control rod 32-13.

CUE

Comments

SAT UNSAT Comment Number

2. Open HCU Withdraw Riser Valve 1C11-F102.

Standard Examinee simulates opening the valve for control rod 32-13.

CUE

Comments

SAT UNSAT Comment Number

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 4411.0801

REVISION: 02

STOP TIME: _____

TERMINATING CUES:

Control rod 32-13 is fully inserted.

K/A REFERENCE NUMBERS

<u>K/A SYSTEM NUMBER</u>	<u>K/A NUMBER</u>	<u>Importance Rating</u>	
		<u>RO</u>	<u>SRO</u>
295015	AA 1.01	3.8	3.9

CLINTON POWER STATION
SYSTEM JPM

JPM NUMBER: 4411.0801

REVISION: 02

INITIATING CUE

A reactor scram occurred but control rod 32-13 failed to insert. Individually scram control rod 32-13 by venting the CRDH withdrawal line in accordance with CPS No. 4411.08, ALTERNATE CONTROL ROD INSERTION. The containment is accessible and the reactor is shutdown.