

VC-23S, PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB,
REV. 0

JPM Number: VC-23S

JPM Title: PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB

Examinee: _____

Evaluator: _____

Job Title: _____

Date: _____

Start Time _____

Finish Time _____

PERFORMANCE RESULTS:

SAT:

UNSAT:

COMMENTS/FEEDBACK: (Make written comments for any steps graded unsatisfactory).

EVALUATOR'S SIGNATURE: _____

NOTE: Only this page needs to be retained in examinee's record if completed satisfactorily. If unsatisfactory performance is demonstrated, the entire JPM should be retained.

**VC-23S, PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB,
REV. 0****JPM BRIEFING/TURNOVER**

Use NUREG-1021, Appendix E, JPM Briefing Sheet.

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

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.**INITIAL CONDITIONS:**

- You are the Unit 2 RO.
- A Control Room fire is in progress.
- F5, Appendix B, is being implemented.

INITIATING CUES (IF APPLICABLE):

- Perform F5 Appendix B, Attachment D, beginning with step AB.

**VC-23S, PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB,
REV. 0**

JPM PERFORMANCE INFORMATION

Required Materials: F5, Appendix B, Attachment D

General References: F5 Appendix B

Task Standards: Start 22 Charging Pump and restore Pressurizer Level

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step shall result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: Critical Y (SEQ-1)	Open 2VC-1-1, MV-32062 BYPASS.
Standard:	2VC-1-1 is OPEN.
Evaluator Note:	This valve is inside a contaminated area. The student should be able to point out this manual valve as it has a RED valve wheel.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-1)	Place CS-7082001, 22 CHARGING PUMP LOC/REM SEL SW, in the LOCAL position.
Standard:	CS-7082001 is in the LOCAL position.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

VC-23S, PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB,
REV. 0

Performance Step: Critical Y (SEQ-1)	Shift Charging Pump Speed Control to LOCAL by placing 2VC-33-1, 22 CHG PUMP LCL SPD CONT 3-WAY VLV, in the LOCAL position.
Standard:	2VC-33-1 is in LOCAL
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical (SEQ-1)	IF 22 Charging Pump is NOT running, THEN check if power is available (22 CHG PMP STOP IL GRN, 7082005 - LIT)
Standard:	7082005 GREEN LIGHT is LIT
Evaluator Cue:	22 Charging Pump is NOT running, 7082005 is LIT.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-2)	WHEN 480V power is available, THEN start 22 Charging Pump by momentarily depressing CS-7082002, 22 CHARGING PUMP START.
Standard:	22 Charging Pump is started and running.
Evaluator Cue:	22 Charging Pump is running.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

VC-23S, PERFORM UNIT 2 RO ACTIONS OF F5, APPENDIX B, ATTACHMENT D, STEP AB,
REV. 0

Performance Step: Critical Y (SEQ-3)	Using 2HSC-428E, 22 CHG PUMP SPEED MANUAL LOADER, adjust 22 Charging Pump speed as necessary to maintain pressurizer level.
Standard:	Adjust 2HSC-428E as required
Evaluator Note:	Local Pressurizer Level indicator 2LI-433C is available on the N side wall to monitor Pressurizer Level. The examinee should note this indicator or explain how they plan to monitor level.
Evaluator Cue:	When student refers to 2LI-433C or asks the SM for the ERCS indication of Pressurizer Level then tell them "level is 15% and slowly decreasing." When student adjusts 2HSC-428E to increase charging pump speed, then tell them "level is 15% and stable."
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Terminating Cues: When 22 Charging Pump is running and student has explained how to control pressurizer level. This JPM is complete.

Stop Time: _____

TURNOVER SHEET

INITIAL CONDITIONS:

- You are the Unit 2 RO.
- A Control Room fire is in progress.
- F5, Appendix B, is being implemented.

INITIATING CUES (IF APPLICABLE):

- Perform F5 Appendix B, Attachment D, beginning with step AB.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

ATTACHMENT 1

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

ALL STEPS IN THIS CHECKLIST ARE TO BE PERFORMED UPON INITIAL VALIDATION AND PRIOR TO USE.

REVIEW STATEMENTS	YES	NO	N/A
1. Are all items on the cover page filled in correctly?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Can the required conditions for the JPM be appropriately established in the simulator if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input type="checkbox"/>	<input type="checkbox"/>	
5. Is the standard for each performance item specific as to what controls, indications and ranges are required to evaluate if the trainee properly performed the step?	<input type="checkbox"/>	<input type="checkbox"/>	
6. If the task is NOT time critical, has the completion time been established based on validation data or incumbent experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. If the task is time critical, is the time critical portion based upon actual task performance requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Is the K/A appropriate to the task and to the licensee level if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input type="checkbox"/>	<input type="checkbox"/>	

All applicable questions must be answered "YES" or the JPM is not valid for use. If all applicable questions are answered "YES" then the JPM is considered valid and can be performed as written. The individual(s) performing the validation sign and date this form.

Validation Personnel /Date

Validation Personnel/Date

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER, REV. 2

JPM Number: DC-2
JPM Title: SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER

Examinee: _____ Evaluator: _____

Job Title: _____ Date: _____

Start Time _____ Finish Time _____

PERFORMANCE RESULTS: SAT: UNSAT:

COMMENTS/FEEDBACK: (Make written comments for any steps graded unsatisfactory).

EVALUATOR'S SIGNATURE: _____

NOTE: Only this page needs to be retained in examinee's record if completed satisfactorily. If unsatisfactory performance is demonstrated, the entire JPM should be retained.

**DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER,
REV. 2****JPM BRIEFING/TURNOVER**

Use NUREG-1021, Appendix E, JPM Briefing Sheet.

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

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.**INITIAL CONDITIONS:**

- 22 Station Battery Charger failed during a Loss of Offsite Power.
- The Portable Battery Charger was installed.

INITIATING CUES (IF APPLICABLE):

- The Unit 2 SS directs you to shutdown the Portable Battery Charger and restart 22 Battery Changer per 2C20.9 AOP 4 Attachment D, steps 1 through 5.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER,
REV. 2

JPM PERFORMANCE INFORMATION

Required Materials: 2C20.9 AOP 4 Attachment D

General References: 2C20.9 AOP 4 Attachment D

Task Standards: Portable Battery Charger shutdown and 22 Battery Charger operating normally

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step shall result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step: Critical (SEQ-1)	At 22 battery charger VERIFY the AC input breaker is OFF
Standard:	AC input breaker is OFF
Evaluator Note:	AC amber light is off, DC volts and amps will be at zero
Evaluator Cue:	AC input breaker is OFF
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER, REV. 2

Performance Step: Critical (SEQ-1)	At 22 battery charger VERIFY the DC output breaker is OFF
Standard:	DC output breaker is OFF
Evaluator Cue:	DC output breaker is OFF
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-2)	On the Portable Battery Charger OPEN the AC input circuit breaker
Standard:	AC input circuit breaker is OPEN
Evaluator Note:	AC amber light will go out, DC volts and amps will go to zero. 22 Battery amps will go to discharge on the 22 Battery DC distribution panel.
Evaluator Cue:	Breaker is OPEN
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-2)	On the Portable Battery Charger OPEN the DC output circuit breaker
Standard:	DC output circuit breaker is OPEN
Evaluator Cue:	Breaker is OPEN
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER, REV. 2

Performance Step: Critical Y (SEQ-3)	Place 22 Battery Charger AC Transfer Switch to the NORMAL position
Standard:	22 Battery Charger AC Transfer Switch is in the NORMAL position
Evaluator Note:	The Transfer switch will be in the downward position to begin with and needs to be upward to be in the Normal position
Evaluator Cue:	Transfer switch is in the upward position (Normal)
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-4)	Inside 22 Battery Charger DC Transfer Switch OPEN the <u>Portable</u> Battery Charger Isolation Breaker
Standard:	Portable Battery Charger Isolation Breaker is OPEN
Evaluator Note:	This breaker is inside the panel for 22 Battery Charger DC Transfer Switch. The panel may be opened.
Evaluator Cue:	Breaker is OPEN
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER, REV. 2

Performance Step: Critical Y (SEQ-4)	Inside 22 Battery Charger DC Transfer Switch CLOSE the <u>22</u> Battery Charger Isolation Breaker
Standard:	22 Battery Charger Isolation Breaker is CLOSED
Evaluator Note:	This breaker is inside the panel for 22 Battery Charger DC Transfer Switch. This panel may be opened.
Evaluator Cue:	Breaker is CLOSED
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-5)	At 22 Battery Charger CLOSE the DC output breaker
Standard:	22 Battery Charger DC output breaker is CLOSED
Evaluator Cue:	Breaker is CLOSED
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (SEQ-5)	At 22 Battery Charger CLOSE the AC input breaker
Standard:	22 Battery Charger AC input breaker is CLOSED
Evaluator Note:	The Battery Charger will start approximately 5-15 seconds after the AC input breaker is closed. AC amber light will come on, DC volts and amps will rise to their normal values.
Evaluator Cue:	Breaker is CLOSED
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

DC-2, SHUTDOWN OF THE PORTABLE BATTERY CHARGER AND RESTART OF 22 BATTERY CHARGER,
REV. 2

Performance Step: Critical (SEQ-5)	At 22 Battery Charger VERIFY the ammeter rises and then settles at 20-45 amps.
Standard:	Ammeter rises and then settles at 20-45 amps
Evaluator Note:	Normal value is approximately 30 amps
Evaluator Cue:	Show meter rise to approximately 30 amps
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Terminating Cues: When charger amps are verified in range. This JPM is complete.

Stop Time: _____

TURNOVER SHEET

INITIAL CONDITIONS:

- 22 Station Battery Charger failed during a Loss of Offsite Power.
- The Portable Battery Charger was installed.

INITIATING CUES (IF APPLICABLE):

- The Unit 2 SS directs you to shutdown the Portable Battery Charger and restart 22 Battery Changer per 2C20.9 AOP 4 Attachment D, steps 1 through 5.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

ATTACHMENT 1

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

ALL STEPS IN THIS CHECKLIST ARE TO BE PERFORMED UPON INITIAL VALIDATION AND PRIOR TO USE.

REVIEW STATEMENTS	YES	NO	N/A
1. Are all items on the cover page filled in correctly?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Can the required conditions for the JPM be appropriately established in the simulator if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input type="checkbox"/>	<input type="checkbox"/>	
5. Is the standard for each performance item specific as to what controls, indications and ranges are required to evaluate if the trainee properly performed the step?	<input type="checkbox"/>	<input type="checkbox"/>	
6. If the task is NOT time critical, has the completion time been established based on validation data or incumbent experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. If the task is time critical, is the time critical portion based upon actual task performance requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Is the K/A appropriate to the task and to the licensee level if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input type="checkbox"/>	<input type="checkbox"/>	

All applicable questions must be answered "YES" or the JPM is not valid for use. If all applicable questions are answered "YES" then the JPM is considered valid and can be performed as written. The individual(s) performing the validation sign and date this form.

Validation Personnel /Date

Validation Personnel/Date

	JOB PERFORMANCE MEASURE (JPM)
-----------------------------------------------------------------------------------	--------------------------------------

SITE: PRAIRIE ISLAND

JPM TITLE: LOCAL OPERATION OF THE 22 TDAFWP

JPM NUMBER: AF-16F-1 **REV.** 0

RELATED PRA INFORMATION: NONE

TASK NUMBERS / TASK TITLE(S): 061 999 00 00 000

K/A NUMBERS: 061 A2.02

APPLICABLE METHOD OF TESTING:

Discussion: Simulate/walkthrough: Perform:

EVALUATION LOCATION: In-Plant: Control Room:

Simulator: Other:

Lab:

Time for Completion: 15 Minutes Time Critical: NO

Alternate Path: YES

TASK APPLICABILITY: SRO: RO: NLO

Additional site-specific signatures may be added as desired.

Developed by:	Bill Markham	07/12/07
	Developer	Date
Validated by:	Bill Markham	07/12/07
	Validator (See JPM Validation Checklist, Attachment 1)	Date
Approved by:	Travis Ouret	07/13/07
	Training Supervisor	Date

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

JPM BRIEFING/TURNOVER

Use NUREG-1021, Appendix E, for JPM Briefing.

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

DURING THE JPM, ENSURE PROPER SAFETY PRECAUTIONS, FME, AND/OR RADIOLOGICAL CONCERNS AS APPLICABLE ARE FOLLOWED.

INITIAL CONDITIONS:

- A Loss Of All AC Power has occurred in Unit 2.
- NO AFW Pumps could be started from the Control Room.

INITIATING CUES:

- The SS directs you to start 22 TDAFWP using 2C28.1, Section 5.8.

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

JPM PERFORMANCE INFORMATION

Required Materials: Copy of 2C28.1

General References: 2C28.1

Task Standards: 22 TDAFWP is running.

Start Time: _____

NOTE: When providing “Evaluator Cues” to the examinee, care must be exercised to avoid prompting the examinee. Typically cues are only provided when the examinee’s actions warrant receiving the information (i.e., the examinee looks or asks for the indication).

IMPORTANT: Critical steps are marked with a “Y” below the performance step number. Failure to meet the standard for any critical step shall result in failure of this JPM, per FP-T-SAT-73, Licensed Operator Requalification Program Examinations.

Performance Step:	2C28.1
Critical	<p>Step 5.8.1, Verify the following</p> <p>A. Oil levels between the sightglass marks</p> <ul style="list-style-type: none"> • Turbine IBRG • Turbine OBRG <p>B. Oil level within ¼” of mark on governor sightglass.</p> <p>C. Pump oil level between the sightglass upper mark and the top of the sightglass.</p> <p>D. PI-11081, 22 TD AFW PMP SUCT STRNR OUTL PI, is approximately eight (8) psig.</p> <ol style="list-style-type: none"> 1. Open 11081, manifold isolation valve 2. Record 11081 3. Close 11081, manifold isolation valve.
Standard:	Verifications in accordance with step 5.8.1 is complete.
Evaluator Cue:	Do NOT let the examinee operate 11081, manifold isolation valve. When the examinee tells you that he needs to open 11081, acknowledge the need to open the valve, and tell him that PI-11081 reads 8 psig.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

Performance Step: Critical	Step 5.8.2 Turn the filter cleaning handle 1 ¼ turns.
Standard:	Examinee turns filter cleaning handle 1 ¼ turns.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.8.3 Place CS-51617, 22 TDAFWP CV-31999, LOCAL/REMOTE switch in the "LOCAL" position.
Standard:	Examinee places CS-51617 in the LOCAL position.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.8.4 Depress LOCAL RESET pushbutton CS-5161801, 22 TD AFW PUMP RESET PB.
Standard:	Examinee depresses CS-5161801.
Evaluator Note:	Nothing occurs when the button is depressed.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

Performance Step: Critical	Step 5.8.5 Depress AND hold LOCAL START pushbutton CS-5161802, 22 TD AFW PMP START PB for five (5) seconds.
Standard:	CS-5101802 is depressed and held for 5 seconds.
Evaluator Cue:	After 15 seconds, inform the candidate that the 22 TDAFWP did NOT start and the 22 TDAFWP Aux Lube Oil Pump did NOT start.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (S-1)	Go to 2C28.1, Section 5.10, Use of 3-Way Valve 2AF-292-1
Standard:	Candidate goes to 2C28.1, Section 5.10.
Evaluator Cue:	Continue to use 2C28.1 for an alternate method to start 22 TDAFWP.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.10.1 A,B,C,D: Verify the following: These actions were already accomplished in Section 5.8.
Standard:	No actions required
Evaluator Cue:	Since these same pump and turbine checks were just performed in section 5.8, it is acceptable NOT to perform them again here.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

Performance Step: Critical	Step 5.10.1 E: Verify the following: Condensate Storage Tank Level is greater than four (4) feet.
Standard:	Using local indicators on the wall near the 22 TDAFWP, examinee determines that CST levels are greater than 4 feet.
Evaluator Cue:	When indicators are located, inform the examinee that CST levels are all above 4 feet.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.10.2, Place CS-51617, 22 TD AFWP CV-31999, LOCAL/REMOTE switch in the "LOCAL" position.
Standard:	CS-51617 is in the LOCAL position.
Evaluator Cue:	CS-51617 was previously placed in the LOCAL position and is still in the LOCAL position.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.10.3 Depress LOCAL RESET pushbutton CS-5161801, 22 TD AFW PMP RESET PB.
Standard:	CS-5161801 is depressed.
Evaluator Cue:	CS-5161801 was previously depressed in Section 5.8 and is NOT required here again.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

Performance Step: Critical Y (S-2)	Step 5.10.4 IF the auxiliary lube oil pump is NOT running, THEN depress LOCAL START pushbutton CS-19335, 22 TD AFWP AUX LUBE OIL PUMP, to start the auxiliary lube oil pump.
Standard:	Examinee starts the 22 TD AFWP AUX LUBE OIL PUMP using CS-19335.
Evaluator Cue:	If asked, THE 22 TD AFWP AUX LUBE OIL PUMP did NOT start during the performance of Section 5.8. When CS-19335 is depressed, inform the examinee that the 22 TD AFWP AUX LUBE OIL PUMP is running.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical Y (S-3)	Step 5.10.5, Place 2AF-292-1 in the OPEN position. 22 TD AFW Pump should roll up to full speed within 30 seconds.
Standard:	Examinee places 2AF-292-1 in the OPEN position.
Evaluator Cue:	When 2AF-292-1 is placed in the OPEN position, inform the examinee that 22 TDAFWP is up to rated speed and has a discharge pressure of 1650 psig.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical	Step 5.10.6 To stop 22 TD AFW Pump, return 2AF-292-1 to the NORMAL position.
Standard:	Examinee reads the step to return 2AF-292-1 to the NORMAL position if required.
Evaluator Cue:	Inform the examinee after they read the step, that 22 TD AFWP is to remain running and this step will not be performed at this time.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

AF-16F-1, LOCAL OPERATION OF THE 22 TDAFWP, REV. 0

Terminating Cues: 22 TDAFWP is running.

Stop Time: _____

TURNOVER SHEET

INITIAL CONDITIONS:

- A Loss Of All AC Power has occurred in Unit 2.
- NO AFW Pumps could be started from the Control Room.

INITIATING CUES:

- The SS directs you to start 22 TDAFWP using 2C28.1, Section 5.8.

Retention: Life of Plant

Retain in: Training Record

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

ATTACHMENT 1

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

ALL STEPS IN THIS CHECKLIST ARE TO BE PERFORMED UPON INITIAL VALIDATION AND PRIOR TO USE.

REVIEW STATEMENTS	YES	NO	N/A
1. Are all items on the cover page filled in correctly?	<input type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Can the required conditions for the JPM be appropriately established in the simulator if required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input type="checkbox"/>	<input type="checkbox"/>	
5. Is the standard for each performance item specific as to what controls, indications and ranges are required to evaluate if the trainee properly performed the step?	<input type="checkbox"/>	<input type="checkbox"/>	
6. If the task is NOT time critical, has the completion time been established based on validation data or incumbent experience?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. If the task is time critical, is the time critical portion based upon actual task performance requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Is the K/A appropriate to the task and to the licensee level if required? Not applicable to Non-Licensed Operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input type="checkbox"/>	<input type="checkbox"/>	

All applicable questions must be answered "YES" or the JPM is not valid for use. If all applicable questions are answered "YES" then the JPM is considered valid and can be performed as written. The individual(s) performing the validation sign and date this form.

Validation Personnel /Date

Validation Personnel/Date

Validation Personnel /Date

Validation Personnel/Date

Validation Personnel /Date

Validation Personnel/Date

Validation Personnel /Date

Validation Personnel/Date