



JOB PERFORMANCE MEASURE (JPM)

SITE: PRAIRIE ISLAND

JPM TITLE: PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER

JPM NUMBER: RC-8 **REV.** 15

RELATED PRA INFORMATION: LOOP (20.3%)

TASK NUMBERS / TASK TITLE(S): NLO 000 056 05 04 000 / RESPOND TO LOSS OF ALL AC POWER

K/A NUMBERS: 055 EK3.02 **Rating RO/SRO:** 4.3/4.6

APPLICABLE METHOD OF TESTING:

Discussion: ☐ Simulate/walkthrough: ☒ Perform: ☐


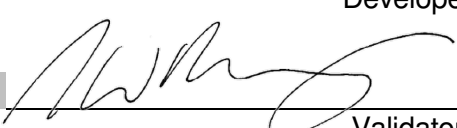

EVALUATION LOCATION: In-Plant: ☒ Control Room: ☐
 Simulator: ☐ Other: ☐
 Lab: ☐

Time for Completion: 4 Minutes Time Critical: NO

Alternate Path: NO

TASK APPLICABILITY: SRO: ☒ RO: ☒ NLO ☒

Additional site-specific signatures may be added as desired.

Developed by:		Shawn Sarrasin	11/8/2019
		Developer	Date
Validated by:		Nick Moody	11/11/2019
		Validator	Date
	(See JPM Validation Checklist, Attachment 1)		
Approved by:		Zach Elbert	11/13/2019
		Training Supervisor	Date

RC-8, PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER, REV. 15

JPM BRIEFING/TURNOVER

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

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 on Unit 1.

INITIATING CUES:

- The Unit 1 SS directs you to locally isolate Unit 1 RCP Seals per steps 8.b and 8.c of 1ECA-0.0, LOSS OF ALL SAFEGUARDS AC POWER.
- **ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.**

RC-8, PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER, REV. 15

JPM PERFORMANCE INFORMATION

Required Materials: Copy of 1ECA-0.0, page 8, step 8.

General References: 1ECA-0.0, LOSS OF ALL SAFEGUARDS AC POWER.

Task Standards: Examinee closes the Unit 1 RCP seal injection throttle valves and CC return isolation valves.

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:	1ECA-0.0, step 8.b
Critical Y	<p>RCP seal injection throttle valves:</p> <ul style="list-style-type: none"> • VC-14-1 • VC-14-2
Standard:	Examinee closes RCP seal injection throttle valves VC-14-1 and VC-14-2.
Evaluator Note:	VC-14-1 and VC-14-2 are located in the Auxiliary Building, second floor valve gallery, as you enter the SG Blowdown Flash Tank area.
Evaluator Cue:	When examinee simulates closing the valves using the remote valve actuators, then inform the examinee the valve position indicator on the remote actuator is pointing at the ‘CLOSED’ mark.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

RC-8, PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER, REV. 15

Performance Step:	1ECA-0.0, step 8.c
Critical Y	RCP CC return isolation valves: <ul style="list-style-type: none"> • CC-16-3 • CC-16-2
Standard:	Examinee closes RCP CC return isolation valves CC-16-3 and CC-16-2.
Evaluator Note:	Valves are located in the Auxiliary Building, first floor, in the overhead (near SI room door closure device, west of elevator). Reach rod operators are below the valves, about waist high.
Evaluator Cue:	When examinee simulates closing the valves using the remote valve actuators, then inform the examinee the valve position indicator on the remote actuator is pointing at the 'CLOSED' mark.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Terminating Cues: After the examinee has closed the Unit 1 RCP seal injection throttle valves and CC return isolation valves, then this JPM is complete.

Stop Time: _____

Historical Record: None

RC-8, PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER, REV. 15

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 checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input checked="" 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 checked="" type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input checked="" 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.

RC-8, PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER, REV. 15

ATTACHMENT 2**JPM Number:** RC-8**JPM Title:** PERFORM RCP SEAL ISOLATION FOLLOWING LOSS OF ALL AC POWER**Examinee & ID:** _____**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.

Retention: Life of Plant
Retain in: Training Record

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

ATTACHMENT 3

TURNOVER SHEET

INITIAL CONDITIONS:

- A Loss of All AC power has occurred on Unit 1.

INITIATING CUES:

- The Unit 1 SS directs you to locally isolate Unit 1 RCP Seals per steps 8.b and 8.c of 1ECA-0.0, LOSS OF ALL SAFEGUARDS AC POWER.
- **ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.**



JOB PERFORMANCE MEASURE (JPM)

SITE: PRAIRIE ISLAND

JPM TITLE: LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV

JPM NUMBER: CL-18 REV. 0

RELATED PRA INFORMATION: NONE

TASK NUMBERS / TASK TITLE(S): NLO 076 036 01 04 000 LOSS OF COOLING WATER HEADER OR PUMPING CAPACITY

K/A NUMBERS: 2.1.23 Rating SRO/RO: 4.4/4.3

APPLICABLE METHOD OF TESTING:

Discussion: ☐ Simulate/walkthrough: ☐ Perform: ☒EVALUATION LOCATION: In-Plant: ☒ Control Room: ☐Simulator: ☐ Other: ☐Lab: ☐

Time for Completion: 7 Minutes Time Critical: NO

Alternate Path: NO

TASK APPLICABILITY: SRO: ☒ RO: ☒ NLO: ☒

Additional site-specific signatures may be added as desired.

Developed by:

OBTAINED SIGNATURE
AUTHORITY TELEPHONICALLY
HASNER

Developer

Date

Validated by:

MAJNU

Validator

Date

(See JPM Validation Checklist, Attachment 1)

Approved by:

SARRASIN

Training Supervisor

Date

CL-18, LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV, REV. 0**JPM BRIEFING/TURNOVER**

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

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 Cooling Water leak has occurred in the Turbine Building.
- The crew has entered C35 AOP2, Loss of Pumping Capacity or Supply Header Without SI.
- UNIT 1 Non-Safeguards busses are NOT energized.
- Attempts to close MV-32031, 1 TURB BLDG CLG WTR HDR MV, from the control room have FAILED.
- The Shift Supervisor determined this is NOT AN EMERGENCY.

INITIATING CUES:

- The Unit 1 Shift Supervisor directs you to perform C35 AOP2, Loss of Pumping Capacity or Supply Header Without SI, step 2 RNO a.1.a) and b), to locally close MV-32031, 1 TURB LOOP A CLG WTR HDR MV.
- **ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.**

CL-18, LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV, REV. 0
JPM PERFORMANCE INFORMATION

Required Materials: • Consumable copy of C35 AOP2 Step 2 marked up to step 2.a.1) RNO.

General References: • C35 AOP2 LOSS OF PUMPING CAPACITY OR SUPPLY HEADER WITHOUT SI.

Task Standards: • Examinee locally closes MV-32031.

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:	C35 AOP2 Step 2.a.1) RNO
Critical <u>Y</u>	a) Place BKR 111C-16 (MCC 1AB1-A4), 1 TURB LOOP A CLG WTR HDR CV-32031, to “OFF” (located in 121 MDCLP room near 11/12 CL strainer).
Standard:	Examinee places BKR 1AB1-A4 to OFF.
Evaluator Cue:	When examinee has simulated placing BKR 1AB1-A4 to OFF, then inform the examinee BKR 1AB1-A4 operating switch is pointed at the ‘OFF’ indication.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

CL-18, LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV, REV. 0

Performance Step:	C35 AOP2 Step 2.a.1) RNO
Critical <u>Y</u>	b) Close MV-32031, 1 TURB LOOP A CLG WTR HDR MV, using handwheel (located 695' TB in Bus 150/160 Room overhead by Door 37).
Standard:	Examinee closes MV-32031.
Evaluator Cue:	When examinee simulates disengaging the clutch and turning MV handwheel in closed direction, then inform the examinee that MV-32031 valve position indicator is pointed at the 'CLOSED' indication.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Terminating Cues: When examinee locally closes MV-32031, then this JPM is complete.

Stop Time: _____

CL-18, LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV, REV. 0

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 checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input checked="" 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 checked="" type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input checked="" 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.

CL-18, LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV, REV. 0**ATTACHMENT 2**JPM Number: CL-18JPM Title: LOCALLY CLOSE 1 TURB LOOP A CLG WTR HDR MV

Examinee & ID: _____

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.

Retention: Life of Plant
Retain in: Training Record

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

ATTACHMENT 3

TURNOVER SHEET

INITIAL CONDITIONS:

- A Cooling Water leak has occurred in the Turbine Building.
- The crew has entered C35 AOP2, Loss of Pumping Capacity or Supply Header Without SI.
- UNIT 1 Non-Safeguards busses are NOT energized.
- Attempts to close MV-32031, 1 TURB BLDG CLG WTR HDR MV, from the control room have FAILED.

- The Shift Supervisor determined this is NOT AN EMERGENCY.

INITIATING CUES:

- The Unit 1 Shift Supervisor directs you to perform C35 AOP2, Loss of Pumping Capacity or Supply Header Without SI, step 2 RNO a.1.a) and b), to locally close MV-32031, 1 TURB LOOP A CLG WTR HDR MV.

ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.



JOB PERFORMANCE MEASURE (JPM)

SITE: PRAIRIE ISLAND

JPM TITLE: RESTORE 121 & 123 IA COMPRESSORS

JPM NUMBER: F5-19

REV. 1

RELATED PRA INFORMATION: FIRE IN THE CR – FA13 (65.3%)

TASK NUMBERS / TASK TITLE(S): NLO 078 017 01 04 000 / STARTUP INSTRUMENT AIR COMPRESSOR LOCALLY

K/A NUMBERS: 068 AA1.21

Rating SRO/RO: 4.1/3.9

APPLICABLE METHOD OF TESTING:

Discussion: ☐Simulate/walkthrough: ☐Perform: ☒

EVALUATION LOCATION:

In-Plant: ☒Control Room: ☐Simulator: ☐Other: ☐Lab: ☐

Time for Completion: 6 Minutes

Time Critical: NO

Alternate Path: NO

TASK APPLICABILITY:

SRO: ☒RO: ☒NLO: ☒

Additional site-specific signatures may be added as desired.

Developed by:

Developer

Date

Validated by:

Validator
(See JPM Validation Checklist, Attachment 1)

Date

Approved by:

Training Supervisor

Date

Retention: Life of Plant

Retain in: Training Record

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

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1**JPM BRIEFING/TURNOVER**

You may use any approved reference materials normally available including logs. Make all written reports, oral reports, and log entries as if the evolution is actually being performed.

EOP Immediate Actions are required to be performed from memory. After completing immediate action steps without using the procedure, you may then use any approved reference materials.

If this JPM is performed on the simulator, the JPM administrator should only give cues that are not indicated on the simulator. If simulator indication is sufficient to indicate the completion of a step, the JPM administrator should not have to give a cue to the trainee to continue the evolution.

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 fire has occurred in the Control Room.
- F5 APPENDIX B, CONTROL ROOM EVACUATION (FIRE), is in progress.
- 121, 122, and 123 Instrument Air Compressors are NOT running.
- SCBAs are NOT necessary outside of the Control Room.

INITIATING CUES:

- The U2 SS directs you to perform Attachment J of F5 APPENDIX B, Control Room Evacuation (FIRE).
- **ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.**

Retention: Life of Plant
Retain in: Training Record

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

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1
JPM PERFORMANCE INFORMATION

Required Materials: • Consumable copy of Attachment J of F5 APPENDIX B.

General References: • F5 APPENDIX B, CONTROL ROOM EVACUATION (FIRE)

Task Standards: • Examinee places 121 and 123 Instrument Air Compressors in LOCAL, locally starts 121 and 123 Instrument Air Compressors, and places 121 and 123 Instrument Air Compressors in AUTO.

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 <u>N</u> F5 APPENDIX B Attachment J Step 1. IF necessary, don SCBA.
Standard:	Examinee determines it is NOT necessary to don an SCBA.
Evaluator Cue:	If the examinee asks if a SCBA is necessary or attempts to don a SCBA, then inform the examinee a SCBA is NOT necessary.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1

Performance Step:	Critical <u> </u> F5 APPENDIX B Attachment J Step 2.
N	IF 121 Instrument Air Compressor is running, THEN depress the 'POWER' (0) pushbutton on the HMI display to stop the compressor.
Standard:	Examinee determines that 121 Instrument Air Compressor is not running.
Evaluator Cue:	If the examinee asks if 121 Instrument Air Compressor is running, then refer them to the turnover sheet.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step:	Critical <u> </u> F5 APPENDIX B Attachment J Step 3.
Y	Place CS-7055801, 121 AIR COMPRESSOR REMOTE/LOCAL ES, in "LOCAL".
Standard:	Examinee places CS-7055801 to local.
Evaluator Cue:	When examinee simulates placing CS-7055801 to local, then inform examinee CS-7055801 is in local.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step:	Critical <u> </u> F5 APPENDIX B Attachment J Step 4.
Y	Start 121 Air Compressor in 'MANUAL' by depressing the 'ON' (1) pushbutton on PC-1326.
Standard:	Examinee starts 121 Air Compressor by depressing the 'ON' (1) pushbutton on PC-1326.
Evaluator Cue:	When examinee simulates starting 121 Air Compressor, then inform the examinee 121 Air Compressor is running.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1

Performance Step:	F5 APPENDIX B Attachment J Step 5.
Critical <u>Y</u>	Place 121 Air Compressor control in 'AUTO' by depressing the 'AUTO' pushbutton on PC-1326.
Standard:	Examinee places 121 Air Compressor control in AUTO by depressing the 'AUTO' pushbutton on PC-1326.
Evaluator Cue:	When examinee simulates placing 121 Air Compressor control in auto, then inform the examinee 121 Air Compressor is in auto.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step: Critical <u>N</u>	F5 APPENDIX B Attachment J Step 6.
	IF 123 Instrument Air Compressor is running, THEN depress the 'POWER' (0) pushbutton on the HMI display to stop the compressor.
Standard:	Examinee determines that 123 Instrument Air Compressor is not running.
Evaluator Cue:	If the examinee asks if 123 Instrument Air Compressor is running, then refer them to the turnover sheet.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1

Performance Step:	F5 APPENDIX B Attachment J Step 7.
Critical <u>Y</u>	Place CS-7056001, 123 AIR COMPRESSOR REMOTE/LOCAL ES, in "LOCAL".
Standard:	Examinee places CS-7056001 to local.
Evaluator Cue:	When examinee simulates placing CS-7056001 to local, then inform examinee CS-7056001 is in local.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step:	F5 APPENDIX B Attachment J Step 8.
Critical <u>Y</u>	Start 123 Air Compressor in 'MANUAL' by depressing the 'ON' (1) pushbutton on PC-1328.
Standard:	Examinee starts 123 Air Compressor by depressing the 'ON' (1) pushbutton on PC-1328.
Evaluator Cue:	When examinee simulates starting 123 Air Compressor, then inform the examinee 123 Air Compressor is running.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Performance Step:	F5 APPENDIX B Attachment J Step 9.
Critical <u>Y</u>	Place 123 Air Compressor control in 'AUTO' by depressing the 'AUTO' pushbutton on PC-1328.
Standard:	Examinee places 123 Air Compressor control in AUTO by depressing the 'AUTO' pushbutton on PC-1328.
Evaluator Cue:	When examinee simulates placing 123 Air Compressor control in auto, then inform the examinee 123 Air Compressor is in auto.
Performance:	SATISFACTORY <input type="checkbox"/> UNSATISFACTORY <input type="checkbox"/>
Comments:	_____

Terminating Cues: When examinee places 121 and 123 Instrument Air Compressors in LOCAL, locally starts 121 and 123 Instrument Air Compressors, and places 121 and 123 Instrument Air Compressors in AUTO, then this JPM is complete.

Stop Time: _____

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1

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 checked="" type="checkbox"/>	<input type="checkbox"/>	
2. Has the JPM been reviewed and validated by SMEs?	<input checked="" 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 checked="" type="checkbox"/>
4. Do the performance steps accurately reflect trainee's actions in accordance with plant procedures?	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>
8. Is the Licensee level appropriate for the task being evaluated if required? Not applicable to Non-Licensed Operators	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Have the performance steps been identified and typed (Critical / Sequence / Time Critical) appropriately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
11. Have all special tools and equipment needed to perform the task been identified?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. Are all references identified, current, and accurate?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
13. Have all required cues (as anticipated) been identified for the evaluator to assist task completion?	<input checked="" 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.

F5-19, RESTORE 121 & 123 IA COMPRESSORS, REV. 1**ATTACHMENT 2****JPM Number:** F5-19**JPM Title:** RESTORE 121 & 123 IA COMPRESSORS**Examinee & ID:** _____**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.

Retention: Life of Plant
Retain in: Training Record

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

ATTACHMENT 3

TURNOVER SHEET

INITIAL CONDITIONS:

- A fire has occurred in the Control Room.
- F5 APPENDIX B, CONTROL ROOM EVACUATION (FIRE), is in progress.
- 121, 122, and 123 Instrument Air Compressors are NOT running.
- SCBAs are NOT necessary outside of the Control Room.

INITIATING CUES:

- The U2 SS directs you to perform Attachment J of F5 APPENDIX B, Control Room Evacuation (FIRE).
- **ALL OPERATOR ACTIONS ARE TO BE SIMULATED UNLESS OTHERWISE DIRECTED.**