

OPERATOR TRAINING PROGRAM
JOB PERFORMANCE MEASURE

STATION:	SALEM		
SYSTEM:	Administrative – Equipment Control		
TASK:	Review and approve a completed Containment Ventilation Valve surveillance.		
TASK NUMBER:	N1230010302		
JPM NUMBER:	20-01 NRC SRO-A3		
ALTERNATE PATH:	<input type="checkbox"/>	K/A NUMBER:	G 2.2.12
APPLICABILITY:		IMPORTANCE FACTOR:	
EO <input type="checkbox"/>	RO <input type="checkbox"/>	STA <input type="checkbox"/>	SRO <input checked="" type="checkbox"/>
EVALUATION SETTING/METHOD:	Classroom / Simulate		
REFERENCES:	S2.OP-ST.CBV-0001 Rev 9, S2.RA-ST.CBV-0001 Rev 7,(checked 8-25-21)		
TOOLS AND EQUIPMENT:	None		
VALIDATED JPM COMPLETION TIME:	15 minutes		
TIME PERIOD IDENTIFIED FOR TIME CRITICAL STEPS:	N/A		
Developed By:	R. Chan Instructor	Date:	1-10-22
Validated By:	M. Protesto SME or Instructor	Date:	1-10-22
Approved By:	M. Wadusky(Signature On file) Training Department	Date:	2-11-22
Approved By:	W. Hargrave Operations Department	Date:	1-10-22
ACTUAL JPM COMPLETION TIME:			
ACTUAL TIME CRITICAL COMPLETION TIME:			
PERFORMED BY:			
GRADE:	<input type="checkbox"/> SAT	<input type="checkbox"/> UNSAT	
REASON, IF UNSATISFACTORY:			
EVALUATOR'S SIGNATURE:			DATE:

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SIMULATOR SETUP INSTRUCTIONS

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SIMULATOR IC: N/A

MALFUNCTIONS / REMOTES: N/A

OVERRIDES: N/A

SPECIAL INSTRUCTIONS:

- Ensure complete copies of Unit 2 TS are available for each applicant.

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INITIAL CONDITIONS:

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- Turnover stated it is just awaiting review and approval.

INITIATING CUE:

- You are the Unit 2 CRS
- Review the completed surveillance for compliance with Acceptance Criteria and document results.

Successful Completion Criteria:

1. All critical steps completed.
2. All sequential steps completed in order.
3. All time-critical steps completed within allotted time.
4. JPM completed within validated time. Completion time may exceed the validated time if satisfactory progress is being made.

Task Standard for Successful Completion:

1. Upon reviewing the completed surveillance procedure, the SRO identifies that 2VC5 stroke time is in the Required Action Range, declares the 2VC5 Inoperable, and determines TS LCO 3.6.3 is NOT met.

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* #	STEP NO.	STEP (Shaded area denotes Critical Step) (* Critical Step) (# Sequential Critical Step)	STANDARD (Bolded area identifies Task Standard)	EVAL S/U	COMMENTS (Required for UNSAT evaluation)
	CUE	<p>PROVIDE the operator:</p> <ul style="list-style-type: none"> • Completed S2.OP-ST.CBV-0001 • S2.RA-ST.CBV-0001 • Complete copy of Unit 2 Tech Specs <p>PROVIDE if requested</p> <ul style="list-style-type: none"> • Drawing 205338 sheets 1 and 2 			
	CUE:	<p>PROVIDE the operator the initiating cue AND ENTER START TIME AFTER operator repeats back the Initiating Cue.</p> <p>START TIME: _____</p>			
	5.4.3.A	<p>REVIEW this procedure with Attachments 1-4 for completeness and accuracy.</p>	Operator should initial after the correction is made to the Surveillance procedure		
	5.4.3.B	<p>IF valve stroke times are within the ACCEPTABLE RANGE, THEN DECLARE the applicable valve(s) OPERABLE.</p>	Operator will initial this step since all the valves, except 2VC5, were in the Acceptable Range.		

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	5.4.3.C	IF ANY valve's stroke time is within the REQUIRED EVALUATION RANGE, THEN:	This step is N/A valve is in required action range. Cue: If operator requests to re-stroke valve, tell them it's unavailable to be tested.		
*	5.4.3.D.1	IF ANY valve's stroke time is in the REQUIRED ACTION RANGE, THEN: Immediately DECLARE the respective valve(s) inoperable.	Operator will declare 2VC5 inoperable based on the stroke time of 2.83 seconds exceeding the Required Action Range of > 2.0 seconds.		

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*	5.4.3.D.2	EVALUATE Technical Specification requirements for system operability.	<p>Operator will evaluate Tech Specs and determine that TS action 3.6.3 is NOT MET for 2VC5.</p> <p>Minimum TS action 1a is currently applicable</p> <p>TS action 1.b the 2VC6 must be closed and deactivated within four hours of the stroke time.</p> <p><u>OR</u></p> <p>TS action 1.c the penetration must be isolated within four hours of the stroke time.</p> <p><u>OR</u></p> <p>TS action 3.6.3 action 1.d - HOT STANDBY in the next 6 hours and COLD SHUTDOWN in the following 30 hours.</p>		
	CUE:	<p><u>WHEN</u> operator informs you the task is complete, <u>OR</u> the JPM has been terminated for other reasons, <u>THEN</u> RECORD the STOP TIME.</p> <p>STOP TIME: _____</p>	Terminate JPM after Operator reports that the 2VC5 valve is inoperable and TS 3.6.3 is applicable.		

ATTACHMENT 2
(Page 2 of 2)

STROKE TIME DATA

2.0 CONTAINMENT VENTILATION VALVES OPERATED FROM SSPS CABINETS:

Component Description	Stroke	Stroke Time (sec)	Stopwatch Number	Stroke Date/ Time	Initials	Test Results		
						Acceptable Range SAT	Required Evaluation Range SAT	Required Action Range UNSAT
2VC6 Cont Press/Vac Relief Isol	X	1.08	220940	Today	JD	SD		
2VC5 Cont Press/Vac Relief Isol	X	2.83	220940	Today	JD	SD		
Acceptance Criteria:		Measured values are within bands specified in S2.RA-ST.CBV-0001(Q), Inservice Testing Containment Ventilation Valves Modes 1-6 Acceptance Criteria <u>OR</u> data represents new baseline data as determined by the IST Implementation Engineer.						

Attachment 1, STROKE TIME DATA ACCEPTANCE CRITERIA (continued)

1.0 (Continued)

Component	Stroke	Reference Value (seconds)	Date	Test Results					
				Acceptable Range (seconds)	Required Evaluation (seconds)		Required Action Range (seconds)		TS/FSAR (seconds)
					Low	High	Low	High	
2VC6	X (1)	0.8 (2)	10/02/95	≤ 2.0	N/A	N/A	N/A	> 2.0 (4)	≤ 2.0
2VC5	X (1)	0.51 (2)	10/02/95	≤ 2.0	N/A	N/A	N/A	> 2.0 (4)	≤ 2.0

- (4) Exceeding the Required Action Range High Value may affect Technical Specification 4.3.2.1.3, Table 3.3-3, Functional Units 3.a and 3.c, Response Time surveillance requirements.

JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

JPM#: 20-01 NRC SRO-A3

NOTE: All steps of this checklist should be performed upon initial validation. Prior to JPM usage, revalidate JPM using steps 8 and 11 below.

- KH 1. Task description and number, JPM description and number are identified.
- KH 2. Knowledge and Abilities (K/A) references are included.
- KH 3. Performance location specified. (in-plant, control room, or simulator)
- KH 4. Initial setup conditions are identified.
- KH 5. Initiating and terminating Cues are properly identified.
- KH 6. Task standards identified and verified by SME review.
- KH 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (*).
- KH 8. Verify the procedure referenced by this JPM matches the most current revision of that procedure: Procedure Rev. _____ Date _____
- KH 9. Pilot test the JPM:
 - a. verify Cues both verbal and visual are free of conflict, and
 - b. ensure performance time is accurate.
- NA 10. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- KH 11. When JPM is revalidated, SME or Instructor sign and date JPM cover page.

SME/Instructor: _____	Date: _____
SME/Instructor: _____	Date: _____
SME/Instructor: _____	Date: _____

Applicant Name: _____

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INITIATING CUE:

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