

OPERATOR TRAINING PROGRAM
JOB PERFORMANCE MEASURE

STATION:	SALEM		
SYSTEM:	Emergency Plan - Administrative		
TASK:	Activate ERDS IAW EP-SA-111-F8		
TASK NUMBER:	N1240110501		
JPM NUMBER:	16-01 NRC RO-A4		
ALTERNATE PATH:	<input type="checkbox"/>	K/A NUMBER:	G 2.4.43
APPLICABILITY:	IMPORTANCE FACTOR:		3.2
EO <input type="checkbox"/>	RO <input checked="" type="checkbox"/>	STA <input type="checkbox"/>	SRO <input type="checkbox"/>
EVALUATION SETTING/METHOD:	Simulator / Perform		
REFERENCES:	EP-SA-111-F8, Rev ^{04 R 11-9-17} 03 (checked 10-11-17)		
TOOLS AND EQUIPMENT:	"ERDS XXX" LAN Computer		
VALIDATED JPM COMPLETION TIME:	5 min		
TIME PERIOD IDENTIFIED FOR TIME CRITICAL STEPS:	N/A		
Developed By:	R. Chan <i>Rudolph Chan</i> Instructor	Date:	10-11-17
Validated By:	SME or Instructor	Date:	10/24/17
Approved By:	<i>[Signature]</i> Training Department	Date:	11/13/17
Approved By:	Operations Department <i>[Signature]</i>	Date:	11/13/17
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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JPM NUMBER: 16-01 NRC RO-A4

Rev #	Date	Description	Validation Required
00	10-11-17	New JPM. Added revision history and simulator setup pages. Editorial comments from IP 71111.11 FASA.	Yes

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SIMULATOR SETUP INSTRUCTIONS

SYSTEM: Emergency Plan - Administrative

TASK: Activate ERDS IAW EP-SA-111-F8

TASK NUMBER: N1240110501

SIMULATOR IC: N/A

MALFUNCTIONS / REMOTES: N/A

OVERRIDES: N/A

SPECIAL INSTRUCTIONS:

- **PRIOR** to conducting this JPM; **CONTACT** the **NRC ERDS Test monitor** and **NOTIFY** ERDS being used for Training. (Day time: 301-287-9386, Night time: 240-888-2326, Day time cell: 301-731-2581, alternate number 301-873-6322, Erds.resource@nrc.gov)
- **OPEN** the ERDS program using the SPDS computer terminal in the back computer room. Single click the ERDS program using the mouse, this will now enable the computer in the simulator to connect ERDS to NRC using EP-SA-111-F8.
- Log onto the ERDS computer in simulator.
- **ENSURE** the "ERDS XXX" computer is available and working.

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TASK NUMBER: N1240110501

INITIAL CONDITIONS:

- Salem Unit 2 was manually tripped from 100% power due to an RCS leak.
- Safety Injection was manually initiated and all ECCS pumps are running
- The Shift Manager has declared an **ALERT**.

INITIATING CUE:

- You are the Work Control NCO and designated Secondary Communicator.
- **ACTIVATE** ERDS IAW Step 1.2.b of EP-SA-111-F8, Secondary Communicator Log.
- Notify the Shift Manager when ERDS is activated.

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. **Activates ERDS IAW EP-SA-111-F8.**

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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)
		<u>Simulator Operator:</u> <ul style="list-style-type: none"> • NOTIFY NRC ERDS Test monitor of pending Training evolution. • OPEN ERDS program on SPDS computer. 			
	CUE	Fill in the JPM Start Time when the student acknowledges the Initiating Cue. START TIME: _____			
	1.2.b	Within 60 minute, ACTIVATE ERDS from a LAN computer			
*	1.2.b.1	PROCEED to a computer with its monitor labeled " ERDS XXX " (XXX is the computer's asset tag number) in the Salem Control Room and START the program by SELECTING the ERDS_Salem desktop icon.	Operator proceeds to ERDS XXX computer located inside Salem Simulator horseshoe area. Operator selects the ERDS_ Salem desktop icon.		

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*	1.2.b.2	On the "Login For ERDS Display" popup window ENTER the PASSWORD (Password is the same as the Username) and SELECT "Login" to proceed.	Operator enters the PASSWORD and selects "Login" to proceed.		
*	1.2.b.3	SELECT the Action button labeled <CONNECT> on the appropriate Salem 1 or Salem 2 "ERDS Link Control and Status Display Screen" .	Operator selects the button labeled <CONNECT> for Salem 2 "ERDS Link Control and Status Display Screen".		
*	1.2.b.4	SELECT the <YES> button in the "Current Link Control State is Disconnect. Do You Want To Connect?" box.	Operator selects <YES> button in the "Current Link Control State is Disconnect. Do You Want To Connect?" box.		
*	1.2.b.5	OBSERVE that Status changes to "Transmitting Data."	Operator checks that the Status changes to "Transmitting Data"		
*	1.2.b.6	VERIFY successful communications status by observing that the "Messages Sent" value is increasing from zero "0" to some positive integer > "0".	Operator verifies that the "Message Sent" value is increasing from zero "0" to some positive integer > "0".		

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	1.2.b.7	INFORM the CRS of successful ERDS activation status <u>OR</u> IF ERDS activation is not successful, THEN CONTACT IT Support: Network Operations (Ext. #7008), EOF IT Supervisor (NETS # 5009), or the IT Help Desk (Ext. 5555) for assistance.	Terminate JPM when CRS/SM is notified ERDS is activated.		
	CUE:	JPM is Complete. RECORD the STOP TIME. STOP TIME: _____	Terminate JPM when operator notifies you that ERDS is activated.		

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		<p>When all operators have completed this JPM, THEN:</p> <p><u>Simulator Operator:</u></p> <ul style="list-style-type: none"> • NOTIFY NRC ERDS Test monitor of that Training evolution has ended. • CLOSE the ERDS program on the SPDS computer in back computer room. 	N/A		


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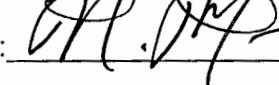
JPM #: 16-01 NRC RO-A4

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 and 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. 4 Date 10/24/17
- 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:  MYERS JT Date: 10/24/17

SME/Instructor:  N. M. Ford Date: 10/24/17

SME/Instructor: _____ Date: _____

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