TASK CONDITIONS:

1. You are the Unit 1 NSO.
2. Unit 1 is at full power, all systems and controls are in automatic.
3. Maintenance has recently completed repairs to 1RY455A PZR PORV.
4. LCO 3.4.11 is in effect for 1RY455A inoperability.
5. Per the IST program, 1RY455A must be stroke tested prior to declaring it operable.

INITIATING CUES:

1. You have been directed to perform 1BwOSR 3.4.11.2, Pressurizer System Valve Stroke Surveillance, steps 1, 2 and 4.
2. Inform the Shift Manager of your results.

TASK TITLE: **Perform Pressurizer PORV Valve Stroke**

JPM No.: **SIM 304**
TPO No.: 4C.RY-29
TASK No.: R-RY-023, Perform a Reactor Coolant System relief valve 18 month surveillance

REV: NRC 09-1
K&A No.: 010000A4.03
K&A IMP: 4.0/3.8

EXAMINEE:_____ RO SRO (Circle One)

EVALUATOR:_____ DATE:_____

The Examinee: PASSED _____ this JPM.

FAILED _____

TIME STARTED:

TIME FINISHED:

CRITICAL ELEMENTS: **(*) 2,3,4,6**

JPM TIME:_____ MINUTES

CRITICAL TIME: **NA** APPROX COMPLETION TIME: **15** MINUTES

EVALUATION METHOD:
_**X**_ PERFORM
___ SIMULATE

LOCATION:
___ IN PLANT
_**X**_ SIMULATOR

GENERAL REFERENCES:

1. Tech Spec 3.4.11
2. 1BwOSR 3.4.11.2, Pressurizer System PORV Valve Stroke Surveillance.

MATERIALS:

1. 1BwOSR 3.4.11.2, Pressurizer System PORV Valve Stroke Surveillance.
   Ensure cover sheet is signed and due/late dates are modified.

2. Requires digital stop watch.

TASK STANDARDS:

1. Perform the required actions of 1BwOSR 3.4.11.2, Pressurizer System PORV Valve Stroke Surveillance.

TASK CONDITIONS:

1. You are the Unit 1 NSO.
2. Unit 1 is at full power, all systems and controls are in automatic.
3. Maintenance has recently completed repairs to 1RY455A PZR PORV.
4. LCO 3.4.11 is in effect for 1RY455A inoperability.
5. Per the IST program, 1RY455A must be stroke tested prior to declaring it operable.

INITIATING CUES:

1. You have been directed to perform 1BwOSR 3.4.11.2, Pressurizer System Valve Stroke Surveillance, steps 1, 2 and 4.
2. Inform the Shift Manager of your results.

RECORD START TIME

PERFORMANCE STEP	STANDARD	Circle applicable

1. Refer to 1BwOSR 3.4.11.2.
 	
(CUE: Provide student with the marked up copy with cover sheet.)
 	
(CUE: Prerequisites, precautions, limitations and actions are met.)
	• Refer to 1BwOSR 3.4.11.2.
	o Signs cover sheet
	• Verify all applicable prerequisites, precautions limitations and actions are addressed.
	• Checks cover sheet for IST coordinator listed for review of results.
	o Places dots on expected alarms and pre-reviews AR's.
	  o 1-12-B2
	• Obtains stopwatch.
	o Records stopwatch data on position checklist.
	• Records and initials as found positions.
	  • 1RY455A
	  • 1RY456
	  • 1RY8000A
	  • 1RY8000B
		SAT UNSAT N/A
		
		Comments:

*** 2. At 1PM05J, closes 1RY8000A**	• Closes 1RY8000A	SAT UNSAT N/A **Comments:**

*** 3. Perform OPEN stroke of 1RY455A (in accordance with steps outlined in Attachment A).**	• Perform the following:
	  • Verify close 1RY455A
	  • Simultaneously start the stopwatch and open 1RY455A.
	  • Stop the stopwatch when 1RY455A indicates open.
	  • Record the Stroke Open Test Time.
	  • Verify 1RY455A indicates open on 1PM06J.
	  • Verify the open test time is within the ALERT and OPERABILITY Limits.
	  • Check the YES block in the VER OPER section to indicate that
		SAT UNSAT N/A
		
		Comments:

	1RY455A has been verified operable. • Initial in open stroke block provided.	
*** 4. Perform CLOSE stroke of 1RY455A (in accordance with steps outlined in Attachment B).**	• Perform the following: • Verify open 1RY455A • Simultaneously start the stopwatch and close 1RY455A. • Stop the stopwatch when 1RY455A indicates closed. • Record the Stroke Close Test Time. • Verify 1RY455A indicates closed on 1PM06J. • Verify the close test time is within the ALERT and OPERABILITY Limits. • Check the YES block in the VER OPER section to indicate that 1RY455A has been verified operable. • Initial in closed stroke block provided.	SAT UNSAT N/A **<u>Comments:</u>**

PERFORMANCE STEP	STANDARD	Circle applicable
5. Initial step 2.3	• Verifies 1RY455A has been stroked through one complete cycle and initial in space provided.	SAT UNSAT N/A **Comments:**
*** 6. At 1PM05J, opens 1RY8000A** **(Cue: If asked, cue examinee that 1RY8000A is to be returned to as found condition)**	• Opens 1RY8000A	SAT UNSAT N/A **Comments:**

7. Complete as left position checklist.
 	
(Cue: Another NSO has performed the verifications of as left positions)
	• Records and initials as left positions.
	  • 1RY455A
	  • 1RY8000A
	• Obtains verification of as left positions
		SAT UNSAT N/A
		
		Comments:

8. Inform US of surveillance completion.	• Signs surveillance cover sheet. • Informs US that surveillance is complete.	SAT UNSAT N/A **Comments:**

(CUE:) THIS COMPLETES THIS JPM.

RECORD STOP TIME _____

COMMENTS:

SIMULATOR SETUP INSTRUCTIONS

JPM NO: SIM-304

REQUIRED SIMULATOR MODE(S): 100% power steady state

MALFUNCTION #'S:

None

COMMENTS: