Pull Fuses for a Stuck Open Safety Relief Valve

Job Position(s): ☒ RO ☒ SRO

Source: ☒ New ☐ Bank ☐ Modified _____ (Facility ID No. for Bank or Modified)

K/A Reference: 23900.A2.03, Ability to (a) predict the impacts of a Stuck Open SRV; and (b) based on those predictions, use procedures to correct, control, or mitigate the consequences.

Method of testing: ☒ Simulated/Walk-thru Performance [Classroom/Plant]

☐ Actual Performance [Simulator/Lab]

Type: (Check all that apply)

☐ Administrative Topics	☐ Control Room Systems	☒ In-Plant Systems
☐ Alternate Path	☒ Emergency/Abnormal	☐ ESF
☐ Low-Power/Shutdown	☐ Time Critical	

Task Standard: Failed SRV is shut by pulling control power fuses.

Validation Time:

Simulator Setup:

N/A

Required Materials:

20.000.25, Failed Safety Relief Valve

Appropriate electrical safety personal protective equipment (PPE)

Fuse pullers

General References:

20.000.25, Failed Safety Relief Valve

Initial Conditions:

A Main Turbine trip from full power resulted in the actuation of several Safety Relief Valves (SRV)

SRV B2104-F013G failed to close.

20.000.25, Failed Safety Relief Valve is being implemented.

Initiating Cue:

Attempt SRV closure by pulling the appropriate fuse(s); refer to Enclosure A of 20.000.25 for fuse location.

Performance Information

Critical Steps are annotated by "**c"** and italicized text.

	ELEMENTS	STANDARDS
	NOTE TO EVALUATOR: SRV G has an alternate power source for operation from the Dedicated Shutdown Panel (H23-P623) which is only active when control is transferred to H23-P623. If the applicant proceeds to the Dedicated Shutdown Panel to pull the associated fuses (TB6-F7 and TB6-F8), SRV G will remain open and applicant will need to pull fuses at panel B21-P401 (AB3-G11).	
	1. Refers to Enclosure A of 20.000.25 to determine fuse location.	Determines that appropriate fuses are located in panel B21-P401 (AB3-G11)
	2. Obtains required tools and PPE.	Obtains fuse puller and appropriate PPE.
	3. Proceeds to panel B21-P401 (AB3-G11)	Arrives at panel B21-P401 (AB3-G11).
	EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*4. Locates and pulls fuse F5F (B21C-F5F)*	*Simulates fuse removal.*
	EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*5. Locates and pulls fuse F6F (B21C-F6F)*	*Simulates fuse removal.*
	EVALUATOR PROMPT Acknowledge report to Main Control Room.	Reply that SRV G is closed and direct the applicant to NOT reinstall fuses.
	6. Reports to Main Control that the fuses for SRV G have been pulled.	Makes report and acknowledges that fuses will NOT be reinstalled.

Terminating cue: Terminate JPM when applicant acknowledges MCR report and instructions.

EXAMINEE CUE SHEET

Initial Conditions:

A Main Turbine trip from full power resulted in the actuation of several Safety Relief Valves (SRV)

SRV B2104-F013G failed to close.

20.000.25, Failed Safety Relief Valve is being implemented.

Initiating Cue:

Attempt SRV closure by pulling the appropriate fuse(s); refer to Enclosure A of 20.000.25 for fuse location.