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: 10 Minutes

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-F013E 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
	1.	Refers to Enclosure A of 20.000.25 to determine fuse location.	Determines that appropriate fuses are located in panel RR H11-P628
	2.	Obtains required tools and PPE.	Obtains fuse puller and appropriate PPE.
	3.	Proceeds to panel RR H11-P628	Arrives at panel RR H11-P628.
		EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*4.*	*Locates and pulls fuse TB-AA-F12 (B21C-F3E)*	*Simulates fuse removal.*
		EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*5.*	*Locates and pulls fuse TB-AA-F23 (B21C-F4E)*	*Simulates fuse removal.*
		EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*6.*	*Locates and pulls fuse TB-DD-F14 (B21C-F7E)*	*Simulates fuse removal.*
		EVALUATOR PROMPT Provide cue indicating that fuse is removed.	
c	*7.*	*Locates and pulls fuse TB-DD-F25 (B21C-F8E)*	*Simulates fuse removal.*
		EVALUATOR PROMPT Acknowledge report to Main Control Room.	Reply that SRV E is closed and direct the applicant to NOT reinstall fuses.
	8.	Reports to Main Control that the fuses for SRV E 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:

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SRV B2104-F013E 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.