Review the MODE 5 Shiftly/Daily Surveillances

Job Position(s): ☐ RO ☒ SRO

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

K/A Reference: 2.1.44, Knowledge of RO duties in the control room during fuel handling such as responding to alarms from the fuel handling area, communications with the fuel storage facility, systems operated from the control room in support of fueling operations, and supporting instrumentation.

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:

Validation Time:

Simulator Setup: TBD

Required Materials:

Marked up copy of completed 24.000.03, Mode 5 Shiftly, Daily, and Weekly Surveillances – ATTACHMENT 1 with the following errors:

- Step 4.0 – Step 4.0b completed instead of 4.0a
- Step 7.0 – One of the required SRM (quadrant adjacent to where core alts are being performed) channel reading recorded as < 3.0 cps, signal-to-noise ratio steps marked N/A, and channel check marked as UNSAT
- Step 8.0 – SRM (quadrant adjacent to where core alts are being performed) marked UNSAT
- Step 12.0 – Completed with data.
- Step 15 – Incorrect correction factor inserted and used.

Map of the core showing the current fuel loading status.

General References:

24.000.03, Mode 5 Shiftly, Daily, and Weekly Surveillances

Initial Conditions:

The plant is in MODE 5
You are on shift CRS

Initiating Cue:

Review the completed 24.000.03, Mode 5 Shiftly, Daily, and Weekly Surveillances for completeness and accuracy.

Performance Information

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

	ELEMENTS	STANDARDS
	NOTE: For successful completion, the applicant must identify the errors in steps 7.0, 8.0, 12.0, AND either step 14.0 or 15.0.	
c	*Reviews the provided surveillance package for acceptability, accuracy and completeness of package.*	*Step 4.0 – Indentifies that 4.0a should have been completed instead of 4.0b*
c		*Step 7.0 – Identifies that signal-to-noise ratio needs to be determined for SRM Channel (quadrant adjacent to where core alts are being performed) and initiates action to perform 24.000.01.*
	EVALUATOR PROMPT: Provide completed 24.000.01 prior to completion of review.	
c		Step 8.0 based on data provided in completed 24.000.01, recognizes that SRM *(quadrant adjacent to where core alts are being performed)* is operable and that acceptance criteria are in fact satisfied.
		*Step 12.0 – Identifies that step should **not** have been completed (Suppression Pool Level > 66")*
c		Step 15.0 – Identifies that incorrect correction factor was applied but that data is still acceptable.

Terminating cue: Terminate JPM when applicant reports that review is complete.

EXAMINEE CUE SHEET

Initial Conditions:

The plant is in MODE 5
You are on shift CRS

Initiating Cue:

Review the completed 24.000.03, Mode 5 Shiftly, Daily, and Weekly Surveillances for completeness and accuracy.