From: Buckberg, Perry
To: Victor, William Ross
Cc: Taylor, Andrew Charles
Subject: RE: Sequoyah TSTF-505 LAR Supplemental Information
Date: Tuesday, March 22, 2022 4:00:00 PM

Bill,

I concur with your list.

Thanks,

Perry Buckberg
Senior Project Manager / Agency 2.206 Petition Coordinator
Office of Nuclear Reactor Regulation
(301)415-1383 O-08D02

From: Victor, William Ross <wrvictor@tva.gov>
Sent: Tuesday, March 22, 2022 3:52 PM
To: Buckberg, Perry <Perry.Buckberg@nrc.gov>
Cc: Taylor, Andrew Charles <actaylor@tva.gov>
Subject: [External_Sender] Sequoyah TSTF-505 LAR Supplemental Information

Perry,

Please find below TVA's understanding of which Sequoyah TSTF-505 LAR Audit questions responses require docketing (as enhanced by the Staff Observations). I request your concurrence with this list, which will serve as a reference in the cover letter of the LAR Supplement (this was the approach taken by Duke Energy for their Shearon Harris TSTF-505 LAR Supplement).

R/ Bill Victor
TVA Fleet Licensing
402-209-1282

Question	Staff Observation
APLA – 01 (Uncertainty analysis)	N/A
APLA – 02 (Eagle 21 digital I&C)	Enhance discussion in several parts of response (e.g., Loop Calculation Processor (LCP) and common cause failures).
APLA/APLC – 03 (FLEX credit)	N/A
APLA – 04 (Shared systems)	
	For Flag #62 (Boric Acid Tank Area Temp), the response states, "this flag **can be** set to the more conservative position

APLA – 05 (Seasonal impacts)	for RICT calculations." In the response, consider using more affirmative language (e.g., "this flag will be set …"). For Flag/System #67, expand how will operators know (e.g., procedure) to adjust the associated flag in PHOENIX (e.g., ERCW header temp > 70 F versus < 70 F)?
APLA – 06.a (LCO 3.6.2.C)	In the response, clarify how the surrogates will be addressed for future RICT calculations.
APLA – 06.b (LCO 3.7.7.A)	For LCO 3.7.7.A in LAR Table E1-1 under PRA success criteria, add the appropriate logic (e.g., "OR").
APLA – 06.c (LCO 3.7.8.B)	
APLA – 07 (SOKC)	
APLA – 08 (PRA update process)	In the response, expand on discussion of the types of qualitative evaluations/assessments used for determining unscheduled PRA updates.
APLA – 09 (MRule)	
APLA – 10 (RICT implementation)	
APLB – 01.a (Sensitive electronics)	
APLB – 01.b (Obstructed plume)	
APLB – 01.c (Well-sealed cabinet)	
APLB – 01.d (Influence factors)	
APLB – 01.e (Unit dependencies)	
APLB – 02.a (Cable tracing)	In the response, enhance/strengthen discussions in Table APLB02-01 per discussions during Day 3 of audit.
APLB-02.b (Thermoplastic cable)	Enhance response statement that states, "with a proportion of at least 5 percent that qualifies as thermoplastic."

APLC – 01 (Peer review F&Os)	
APLC – 02 (Seismic CDF/LERF)	
APLC – 03 (External flooding)	
STSB – 01 (TS 5.5.18)	
SCPB – 01 (LCO 3.6.8.B DSC)	
EEEB – 01 (DSC for Elect TSs)	
EEEB – 02 (DSC for TS 3.8.1.B)	
EEEB – 05 (DSC for TS 3.8.7.A)	
EEEB – 09 (Electrical RICTs)	
EICB– 01 (SG water level)	
EICB– 03 (LCO 3.3.2.F)	
EICB– 04 (LCO 3.3.2.K)	Supplement LAR as describe in the response.
EICB– 05 (Defense in depth)	Provide the table in the response on the docket
Supplemental Table E1-1	Provide updated Table E1-1 as provided in the portal to address Electrical Branch audit questions.