



Susquehanna Steam Electric Station

License Amendment Request to Adopt TSTF-505

Provide Risk-Informed Extended Completion Times – RITSTF Initiative 4b

Pre-Application Meeting
January 26, 2021

Meeting Purpose

- Describe a future license amendment request
 - Scope of Request
 - Variations from TSTF-505
 - PRA Models and CRMP Summary
- Schedule

Scope of Amendment

- TSTF-505, Revision 2
- RICTs apply to 22 SSES LCOs
- Applicable in Modes 1 and 2
- No Loss of Function Actions

Variations

- SSES plant-specific RAs not in TSTF-505
- Propose to include TS 3.3.2.1 in RICT Program
- TSTF-505 Conditions/RAs not applicable to SSES
- Administrative Changes
- Cross-reference list for TSTF-505 markups to SSES site-specific TS RAs provided

TS 3.3.2.1 – Control Rod Block Inst.

- Propose to include Condition A in scope

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One rod block monitor (RBM) channel inoperable.	A.1 Restore RBM channel to OPERABLE status.	24 hours

- Generically excluded per criterion 11
- Conservative surrogate identified

PRA Technical Adequacy

- Internal Events, Fire, and Flooding Models
 - RG 1.200, Revision 2 Peer Review
 - Appendix X F&O Closure Review
 - 13 F&O Findings remain open
 - Internal Events – 1
 - Fire – 12
 - Internal Flooding – 0

PRA Technical Adequacy (cont.)

- Seismic
 - No Seismic PRA Model
 - Seismic penalty will be applied to all RICTs
 - Additional LERF penalties will be applied when containment is de-inerted
- Other external hazards
 - All other external hazards screen out

Real-Time Risk Model

- Similar to Maintenance Rule (a)(4) CRMP
 - Incorporates RICT/RMAT calculation features
 - Incorporates seismic penalty factor

Schedule

- Submit by end of March 2021
- Requested issuance in April 2022
- Requested implementation period of 180 days and no earlier than August 31, 2022

List of Acronyms

CRMP	Configuration Risk Management Program
F&O	Fact and Observation
LCO	Limiting Condition for Operation
LERF	Large Early Release Frequency
PRA	Probabilistic Risk Assessment
RA	Required Action
RG	Regulatory Guide
RICT	Risk Informed Completion Time
RITSTF	Risk-Informed Technical Specifications Task Force
RMAT	Risk Management Action Time
SSES	Susquehanna Steam Electric Station
TS	Technical Specifications
TSTF	Technical Specifications Task Force