



Calvert Cliffs Nuclear Power Plant Control Element Assembly Recovery Time Improvement Project LAR

NRC Pre-submittal Meeting
May 10, 2022

Proprietary (Redacted Version)

Supporting Framatome Analysis Summary

- Framatome Topical Report ANP-3915P, Calvert Cliffs Misaligned CEA Evaluation
 - Framatome performed calculations that validate extended operation at reduced power level with a single misaligned regulating rod.
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

Supporting Framatome Analysis Summary (cont.)

- Analysis validated a reduction to $\leq 60\%$ Reactor Thermal Power (RTP) provided adequate margin for safe operation
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]
- After the recovery of the misaligned CEA
 - [REDACTED]
 - [REDACTED]
- [REDACTED]

LAR Acceptance and Review

- The Framatome ANP-3915P Licensing Report summarizes the methodology and approach and will be submitted by Constellation with the LAR
- We intend to provide the detailed Framatome ANP-3915P Analysis Report to the NRC for review via a secure website

Will this meet the NRC needs to accept the LAR for review?