

# Experience from Simplified Safety Evaluation Report Common Q Platform Pilot Project

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# Common Q Platform



- TR Approved – 2000
- Calvert PAMS – 2003
- Palo Verde CPC - 2003
- TR Updated – 2013
- WDT NSAL – 2017
- TR Revision 4 - 2019

## TR Simplified Review Schedule:

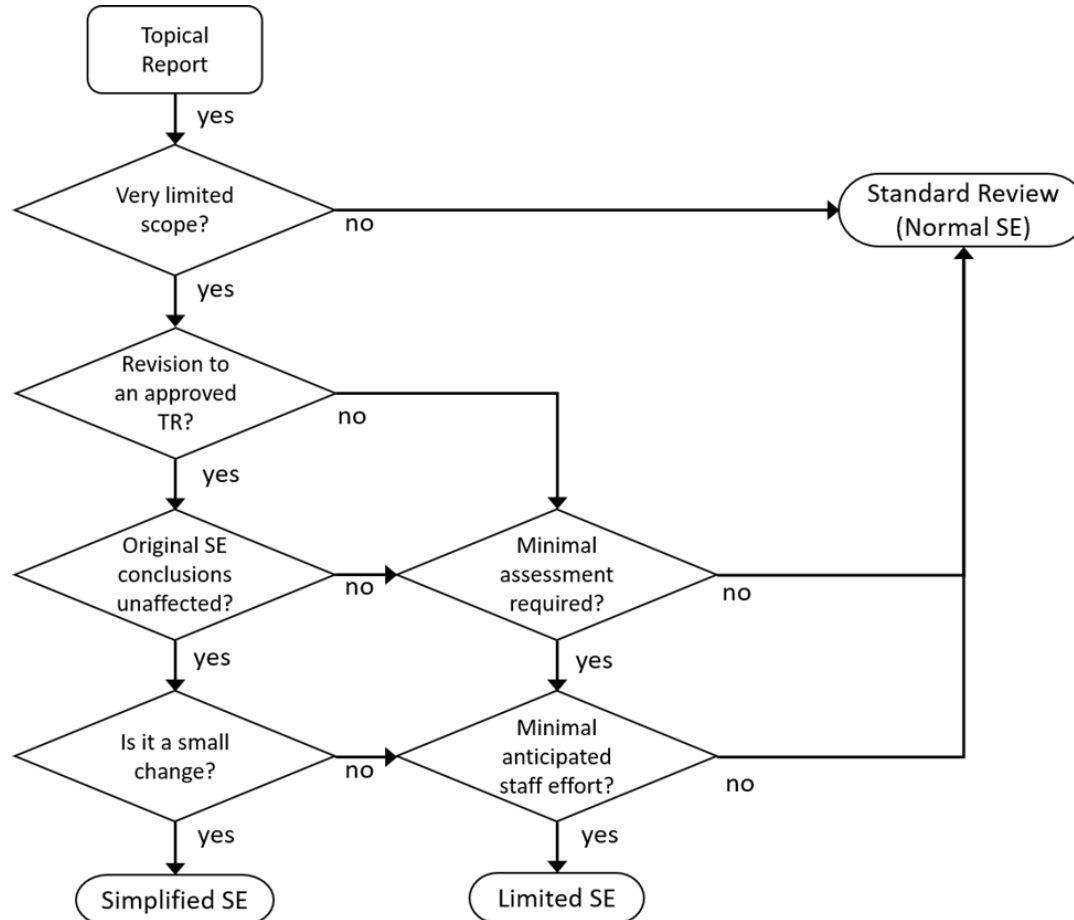
- Application for review received (June 2019)
- Supplement 1 – Summary of changes (July 2019)
- Supplement 2 – CPU Load Change (August 2019)
- Supplement 3 – Equipment Qualification Report (September 2019)
- Draft SE complete (October 2019)



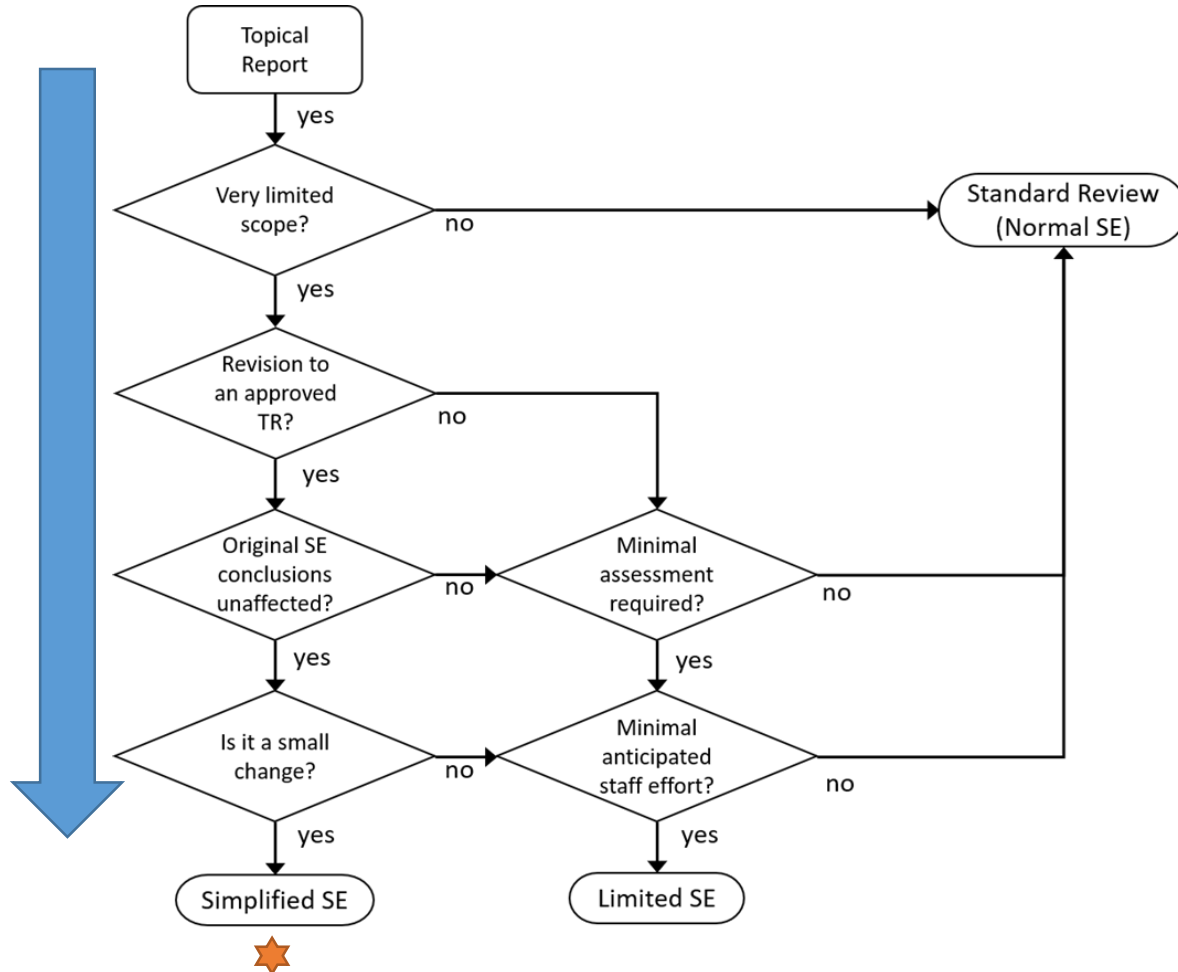
## *Qualifying Aspects of Common Q TR for Simplified Review Process*

- The Common Q Platform was previously approved.
- WDT Changes being made were known to the NRC due to previous operability reviews conducted in 2017 and 2018.
- Additional changes to TR were considered to be minor.
  - A new module addition to platform – DI621
  - Equipment Qualification Test Results for new module to be provided
  - Other minor report corrections and clarifications to be made.
- The NRC did not expect the changes to affect any of the TR safety conclusions or methods of evaluation.

# Common Q Platform



# Common Q Platform





## ***Unanticipated Complications Discovered During TR Review***

- A new operating system for the FPDS was being introduced to the platform.
- Instead of a single module (DI621), the TR and test report included an additional 16 modules.
- The TR change also added 7 new modules that had not undergone complete equipment qualification.
- Westinghouse requested a revision to the method of making setpoint and configuration changes to the system during plant operations.



# Lessons Learned Summary

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- Though we were able to perform the evaluation using the simplified review process, several of the issues discovered during the review could have pushed the evaluation out of the process.
- If the applicant had persisted in requesting the method change, the evaluation would have required RAIs and would have been extended significantly.
- The NRC could have limited its review to the original anticipated project scope but this would likely have resulted in a subsequent second submittal.

# End of Presentation



# Questions