

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

Richard Stattel.

Sr. Electronics Engineer, Instrumentation & Controls Branch,
Office of Nuclear Reactor Regulation,
US Nuclear Regulatory Commission





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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)





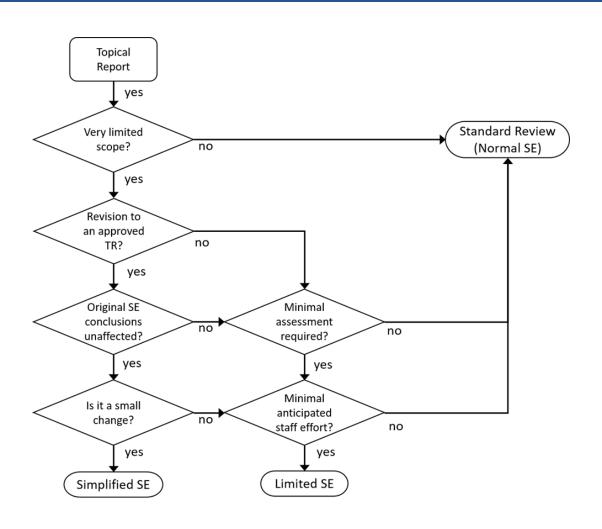
### Qualifying Aspects of Common Q TR for Simplified Review Process

- 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.





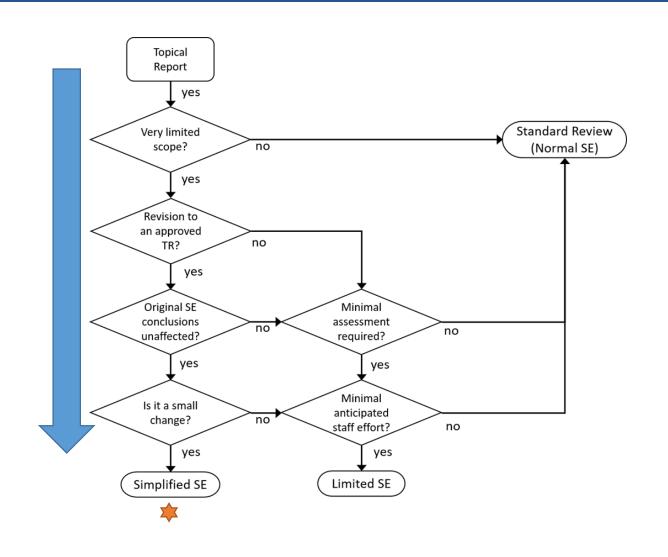
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## Unanticipated Complications Discovered During TR Review

- 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

- 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