

# **Discussion of Preliminary Comments and Questions on NRC DSRS 7.1- Fundamental Design Principles**

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This is a pre-application document and includes preliminary B&W mPower Reactor design or design supporting information and is subject to further internal review, revision, or verification.

- Consolidation of Information and some References
- Use of Un-endorsed IEEE Guidance
- Undefined Criteria and New Terminology
- Independence of Non-Safety and Risk-Significant Systems
- Omitted ISGs
- Use of PRA
- Discussion of the Scope of the Staff Review and Expected Content of Application
- Guidance on Objective Criteria for Independence and Simplicity

- (See handouts)

- DAC and ITAAC
- Strategy for Hazard Analysis
- Leverage of 3<sup>rd</sup> Party Assessment of Software QA Process
- Next Steps and Options