



## RIC 2009 Engineering Issues Design Acceptance Criteria

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### Background

- SECY 92-053 defined DAC as:
  - . . . *“a set of prescribed limits, parameters, procedures and attributes upon which NRC relies, in a limited number of technical areas, in making a final safety determination to support a design certification.”*

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### Background (cont.)

- SRM to SECY 92-053 provided NRC policy on use of DAC:
  - Will not complicate the design process
  - COL holder can meet prior to fuel load
  - Can be objectively verified
  - Limited to rapidly evolving technologies or design areas for which as-built/as-procured information is not available

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### The Ideal...

- DC applicant provides a complete and final design. NRC certifies.
- COL applicant references the certified design and provides site specific information and operational programs. NRC licenses.
- COL holder constructs the plant and completes ITAAC. NRC verifies.

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### The Reality...

- Rapidly changing technology would render some aspects of a design solution obsolete
- Level of detail not possible to provide until selected components are procured
- Enter - Design Acceptance Criteria

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### Process Options

- Option A: Resolve through an amendment to the original design certification
- Option B: Resolve through a review of the Combined License application
- Option C: Resolve through implementation of ITAAC

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