

# APR1400 I&C System

- Background
- Resolution Summary (TeR)
  - ✓ Safety I&C System
  - ✓ Control System CCF Analysis
  - ✓ Response Time Analysis
  - ✓ Software Program Manual
  - ✓ Component Interface Module
- Future Plan

# Background

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- I&C Meetings with NRC after Acceptance Review

TS

17<sup>th</sup> Pre-application Review Meeting

# Background

- NRC Review Plan

DCD	Section/Chapter/TeR	NRC Review
Tier1	Section 2.5	Readiness Assessment (October 2014)
Tier2	Chapter 7	
TeR	Safety I&C System	17th PARM & Readiness Assessment
	Control System CCF Analysis (new)	
	Response Time Analysis (new)	
	Software Program Manual	
	Component Interface Module	
	Diversity and Defense-in-Depth	Readiness Assessment
	Uncertainty Methodology	
	Setpoint Methodology	
	CCF Coping Analysis	
	CPC Setpoint Analysis Methodology (new)	
Disposition of Common Q Action Item (new)		

# Resolution Summary (1/6)

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# Resolution Summary (2/6)

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17<sup>th</sup> Pre-application Review Meeting

# Resolution Summary (3/6)

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17<sup>th</sup> Pre-application Review Meeting

# Resolution Summary (4/6)

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# Resolution Summary (5/6)

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# Resolution Summary (6/6)

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# Future Plan

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- **Five TeRs will be revised to incorporate the 17<sup>th</sup> PARM results.**
  - ✓ **Safety I&C System**
  - ✓ **Control System CCF Analysis**
  - ✓ **Response Time Analysis**
  - ✓ **Software Program Manual**
  - ✓ **Component Interface Module**
- **Tier1 and Tier2 will be revised to incorporate NRC review results.**
- **All DCDs and TeRs will be submitted to NRC for Readiness Assessment.**