

NEI 20-07, Draft B

Guidance for Addressing Software CCF in High Safety Significant Safety-related DI&C Systems

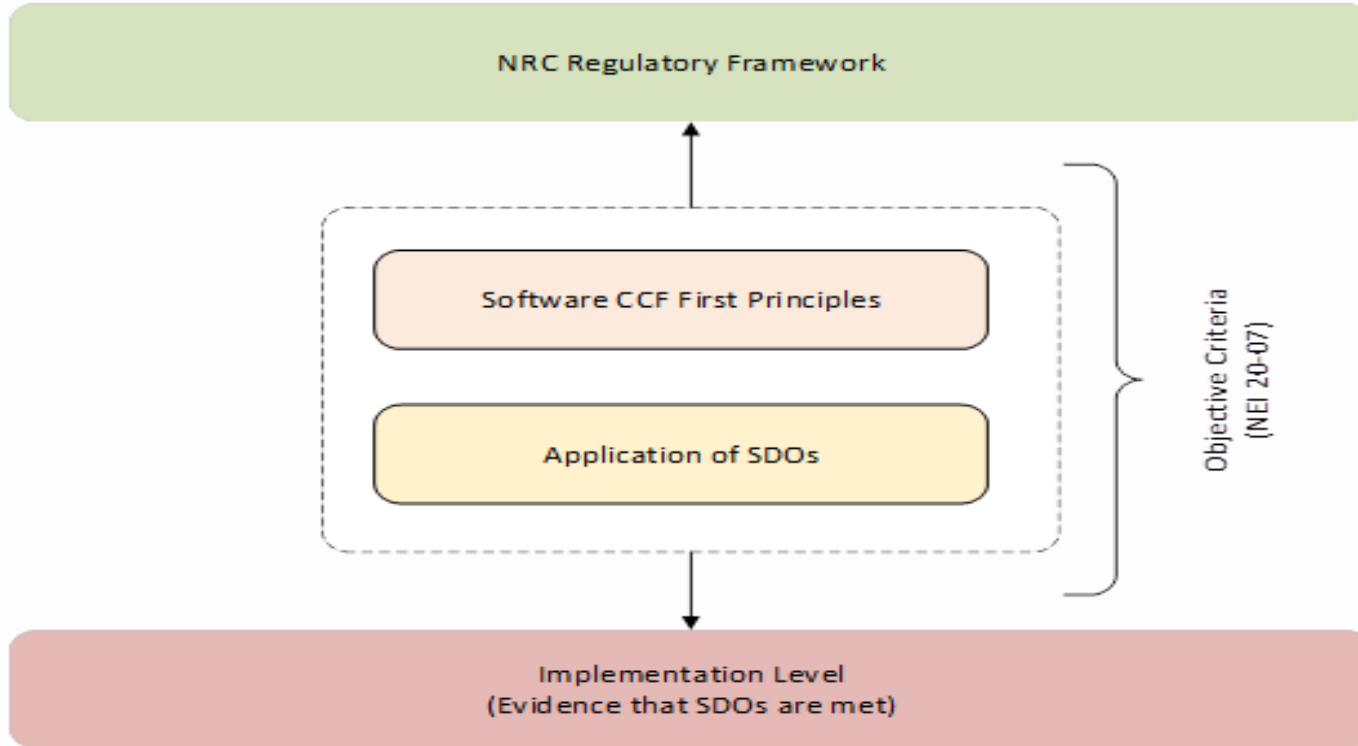
April 7, 2021



NEI 20-07 Overview

- It is understood that NEI 20-07 is a new approach
- Provides performance based guidance vs. prescriptive list of design attributes
- Enables use of best practices already in the public domain
- Provides a common understanding of expectations (i.e., SDOs) when designing application software
- Design Attributes (e.g. defensive measures) can be used to meet SDOs through the Assurance Case

NEI 20-07 Approach



Proposed Schedule

- August 2020 – NEI 20-07 provided to NRC Staff for pre-submittal review
- January 12, 2021 – Initial public meeting to kickoff the document review
- April 7, 2021 - Public meeting to begin detailed discussion of NEI 20-07
- April/May 2021 - Public meetings to discuss NEI 20-07 content
- May 2021 – Provide revised Draft of NEI 20-07
- Q4 2021 – NEI 20-07 submittal for NRC formal endorsement



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