



Session 2a: Design and Construction Quality Requirements and Specifications: Civil Structures

• Goals

- Introduce what causes structural failures and how quality is ensured in non-nuclear civil structures
- Introduce design and construction quality requirements in the nuclear industry and how they compare with corresponding requirements in the non-nuclear industry
- Discuss what ‘quality’ means for civil structures and discuss the gaps and onerous (and potentially unnecessary) aspects of current requirements
- Discuss potential paths forward to address such gaps and reduce (or avoid) onerous requirements

Session 2a: Presentations



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Fitness for Purpose



Brian McDonald

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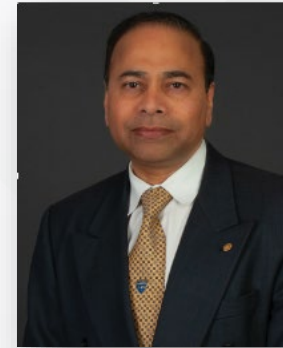
Fitness for Purpose



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**ACI 349: Reinforced
Concrete**



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**AISC N690:
Steel and SC
Structures**