



**Seismic Safety: Risk-Informed
Performance-Based Approaches**

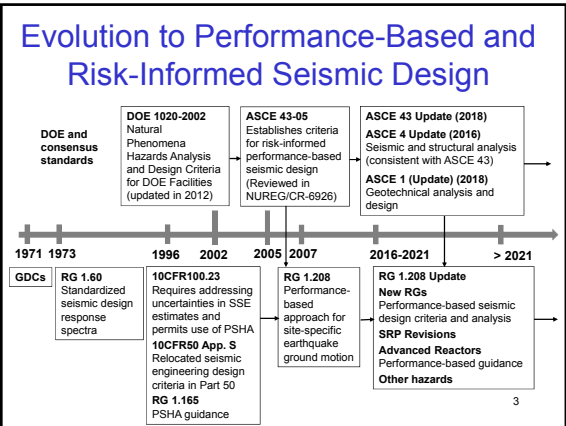
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Session Description

- Session Description:
 - This session addresses evolution of risk-informed approaches to seismic safety, developments external to the NRC and by codes and standards organizations, uses, illustration with possible application to new seismic safety technology, research on a path forward and long-term possibilities

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Session Agenda

- Dr. Jim Xu – NRO/DEIA
 - Performance approach to safety in seismic design
- Mr. Greg Hardy – Simpson, Gumpertz and Heger
 - Seismic safety & risk-informed performance-based methods: past, present and future
- Dr. Sanj Malushte – Bechtel
 - Seismic safety review/assessment of current U.S. design standards
- Professor Andrew Whittaker – University of Buffalo and MCEER
 - Risk-informed design of seismically isolated nuclear power plants
- Questions and answers

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