



Under Construction: Where to Next?

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GAIN

Gateway for Accelerated
Innovation in Nuclear

Marc Nichol - Biography

- Senior Director, New Reactors
 - Lead industry's efforts to improve regulatory, policy and business environment for new reactors.
- Joined NEI in 2011
- Nuclear Energy Institute
 - Policy Organization for Nuclear Energy Industry
 - Hundreds of members, U.S. and international
 - Nuclear plant owners, developers, suppliers, service companies, universities
 - Promote the use and growth of nuclear energy
 - Unifying voice before Congress, Executive Branch, States, Regulators and public



Urgent need for advanced reactors

- NEI letter to NRC:
 - *“NRC’s licensing process and regulation of new and advanced reactors has a direct impact on the ability of these technologies to benefit society and help the nation meet its energy, environmental, economic and national security goals.”*
- Congressional letter:
 - *“Delaying or, even worse, missing the window to develop, license, and deploy advanced nuclear technologies, will substantially hinder our ability to reduce greenhouse gas emissions.”*

Key regulatory objectives

- Streamlining of regulatory processes
 - Review efficiency and timeliness
 - Application review experience
 - Technology Inclusive Content of Application
- Resolution of key generic technical or policy topics
 - Emergency Planning Zone
 - Physical Security
 - Siting
- Modernize the regulations
 - Generic Environmental Impact Statement
 - Part 50/52 lessons learned
 - Part 53