

Agenda

2022 NRC Standards Forum

Wednesday, September 28, 2022, 10:00 AM to 05:15 PM ET

TEAMS Link: [Registration Link](#)

Objectives:

- Facilitate discussions on standard needs for both the operating fleet and new/advanced reactors.
- Facilitate discussions on how to collaborate in accelerating the development of codes and standards and the NRC's endorsement of these codes and standards in its regulations and regulatory guides.

Time	Topic	Speaker
10:00 – 10:05	Welcome, logistics, introductions, and objectives	Louise Lund Robert Roche NRC
10:05 – 11:20	Update on Industry Codes and Standards Initiatives Moderator: Meraj Rahimi (NRC) <ol style="list-style-type: none">1. Nuclear Standards Collaborative (NSC) and Integration of ANS Nuclear Standards Collaborative (NSC) into NEI-EPRI North American Advanced Reactor Roadmap (<i>Donald Eggett, ANS and Andrew Sowder, EPRI</i>)2. ASME Standards Committee III Strategic Items Update and Proposal to Establish Alternate Requirements for Components Commensurate with Safety and Risk (<i>Tom Basso, NEI and Rachel Romano, ASME</i>)3. Digital Twin Overview (<i>Ben Holtzman, NEI</i>)4. IEEE NPEC Standards Update (<i>Robert Konnik, IEEE NPEC</i>)	Donald Eggett, ANS and Andrew Sowder, EPRI Tom Basso, NEI and Rachel Romano, ASME Ben Holtzman, NEI Robert Konnik, IEEE NPEC
11:20 – 12:00	Advanced Reactor Developers Perspectives on Codes and Standards Moderator: Mark Richter (NEI) <ul style="list-style-type: none">• Perspectives from:<ul style="list-style-type: none">○ NuScale (<i>J.J. Arthur</i>)○ TerraPower (<i>Steven Unikewicz</i>)○ X-Energy (<i>Timothy Lucas</i>)	Mark Richter, NEI J.J. Arthur, NuScale Steven Unikewicz, TerraPower Timothy Lucas, X-Energy

Time	Topic	Speaker
12:00 – 12:45	Lunch Break	--
12:45 – 1:45	Rapid Qualification of AMT Components – Is it Rocket Science? Moderators: Raj Iyengar (NRC) and Dirk Cairns-Gallimore (DOE-NE) <ul style="list-style-type: none"> NASA's Certification and Qualification Strategies for Additively Manufactured Hardware (<i>Richard W. Russell, NASA</i>) Feedback from CEA Standardization Experts (<i>Thierry Lebarbe, CEA, France</i>) Predictive Technologies and Nuclear Product Qualification (<i>Matt LeVasseur, BWXT</i>) Perspectives from Relativity (<i>Josh Brost, Relativity</i>) 	Richard W. Russell, NASA Thierry Lebarbe, CEA, France Matt LeVasseur, BWXT Josh Brost, Relativity
1:45 – 2:15	Regulatory Initiatives for Streamlining Code & Standards Endorsement Moderator: Wendell Morton (NRC) <ul style="list-style-type: none"> Streamlining ASME Rulemaking (<i>Ian Tseng</i>) Information SECY-22-0075, "Staff Requirements - SECY-21-0029 Inservice Testing and Inservice Inspection Program Rulemakings Update" (<i>David Rudland</i>) Regulatory Guidance Framework for IEEE Electrical Standards (<i>Sheila Ray</i>) 	Ian Tseng David Rudland Sheila Ray NRC
2:15 – 3:40	Recent and Planned Developments and Updates in Codes and Standards Part 1 Moderator: Angela Buford (NRC) <ol style="list-style-type: none"> Research and Advanced Reactor Consensus Committee (RARCC), 2022 Activities (<i>George Flanagan, ANS</i>) ANS-30.3 -2022, Light-Water Reactor Risk-Informed, Performance-based Design, (<i>Kent Welter, ANS</i>) New ASME Standard on Plant Systems Design (<i>Ralph Hill, ASME</i>) ASME QME-2 Qualification of Mechanical Equipment and ASME OM-2 Operation and Maintenance of Nuclear Power Plants (<i>Steven Unikewicz, ASME</i>) ASME Section III Seismic Design Steering Group – Introduction (<i>Timothy Adams, ASME</i>) 	George Flanagan, ANS Kent Welter, ANS Ralph Hill, ASME Steven Unikewicz, ASME Timothy Adams, ASME
3:40 – 3:50	Break	--

Time	Topic	Speaker
3:50 – 5:10	<p>Recent and Planned Developments and Updates in Codes and Standards Part 2</p> <p>Moderator: Madhumita Sircar (NRC)</p> <ol style="list-style-type: none"> 1. NRIC Program & ACT Overview (<i>Christy Williams, NRIC</i>) 2. Planned Updated Code Provisions for Steel-Plate Composite Construction for the New Edition of the AISC N690 (<i>Ronald Janowiak, AISC</i>) 3. ASCE 1, 4, and 43 - What the Next Year will Bring (<i>Andrew Whittaker, ASCE</i>) 4. Modernization of the ASME Section III, Div. 2 Code (<i>John McLean, ASME</i>) 5. ACI Technical Committee 349, Concrete Nuclear Structures (<i>Madhumita Sircar, NRC and Carlos Cantarero Leal, ACI</i>) 	<p>Christy Williams, NRIC</p> <p>Ronald Janowiak, AISC</p> <p>Andrew Whittaker, ASCE</p> <p>John McLean, ASME</p> <p>Madhumita Sircar, NRC and Carlos Cantarero Leal, ACI</p>
5:10 – 5:15	Summary of key takeaways and closing remarks	NRC