



# Session 4: Reactor Developer Perspectives on Opportunities for Improvement

- **Goals:**

- Gather reactor developer inputs on nuclear quality assurance and identify where there are common struggles across industry
- Identify where there are opportunities for improvement with nuclear quality assurance that could benefit multiple industry partners
- Provide insight into strategies that are currently being implemented by industry on various aspects of nuclear quality
- Provide feedback to industry partners on approaches to quality and potential solutions for quality implementation

# Session 4 Presentations



**Fred Grant**  
**Principal  
Engineer**  
**SGH**

Risk informed,  
performance-based  
design of nuclear  
structures



**Dennis Klein**  
**Vice President**  
**New Nuclear  
Development**  
**MPR Associates**

Separation of nuclear  
island from non-  
nuclear scope



**Raj Sekar**  
**Principal  
Advisor - QA**  
**Aalo Atomics**

Framework control  
and AI software  
validation

# Session 4 Presentations



**Doug Crawford**  
Head of Quality  
Antares

Supplier qualification  
and on-boarding



**Abbey Donahue**  
Chief Engineer  
Advanced Reactor  
BWXT

CGD in nuclear  
construction and  
challenges for advanced  
computational codes



**Joe Halackna**  
Chief Technologist  
for Microreactors  
Westinghouse

Using CGD by Design  
to address cost and  
quality challenges