

T8 Making Effective Decisions in Using Defense in Depth, Safety Margins, and Risk!

Panel members will talk about the effective application of risk-informed decisionmaking (RIDM), including robust discussions of practical examples, best practices/lessons learned, successes, and challenges on how considerations of risk have helped keep our focus on safety. The session will cover misconceptions about the role of risk considerations in defense in depth and how we integrate the use of RIDM with deterministic reviews for effective decisionmaking. Additionally, the NRC and external stakeholders will highlight both the positive benefits and potential pitfalls of using RIDM along with probabilistic risk assessment applications.

SESSION CHAIR(S):

- Andrea Kock, Deputy Office Director for Engineering, NRR/NRC e-mail: Andrea.Kock@nrc.gov

SPEAKER(S):

- [Introductory Remarks](#)
[Andrea Kock](#), Deputy Office Director for Engineering, NRR/NRC
- [Risk-informed Decision-making: Greater Than the Sum of its Parts](#)
[Doug True](#), Chief Nuclear Officer and Senior Vice President, Nuclear Energy Institute
- [CNSC Risk Informed Decision Making](#)
[Smain Yalaoui](#), Senior PSA Technical Specialist, Directorate of Assessment and Analysis, Canadian Nuclear Safety Commission
- [Safety Marker Study](#)
[Mark Thaggard](#), Director, Division of Risk Analysis, RES/NRC
- [Safety Improvements Using Risk Insights](#)
[Mike Franovich](#), Division of Risk Assessment, NRR/NRC

SESSION COORDINATOR(S):

- Lundy Pressley, Reliability and Risk Analyst, PRA Oversight Branch, Division of Risk Assessment, NRR/NRC e-mail: Lundy.Pressley@nrc.gov