

W16 Current Topics in Probabilistic Risk Analysis

Probabilistic risk analyses (PRAs) are used to assess the safety of nuclear power plants and to address many challenging and emerging technical issues. While PRA technology is routinely used to support decision-making, the NRC and the nuclear industry are pursuing continued development and advancement in PRA methods and tools. This session will discuss the status of PRA methods and tools development and solicit feedback on the current efforts and future focus.

Session Chair: Kevin Coyne, Branch Chief, Division of Risk Analysis, NRC/RES

Speakers/Panelists:

Developing an Empirical Basis for Human Reliability Analysis

Presentation View

Handout View

Erasmia Lois, Senior Risk and Reliability Engineer, NRC/RES

SPAR Model Peer Review

Presentation View

Handout View

Peter Appignani, Senior Risk and Reliability Engineer, NRC/RES

Robert Buell, Research and Development Scientist/Engineer, Idaho National Laboratory

David Passehl, Senior Reactor Analyst, NRC/Region III

Martin Sattison, Department Manager, Idaho National Laboratory

Barry Sloan, Manager, ERIN Engineering and Research, Inc.

International Cooperation in PRA

Presentation View

Handout View

Nathan Siu, Senior Technical Advisor, NRC/RES

Seismic Risk Assessment Research

Presentation View

Handout View

Ken Canavan, Senior Program Manager, Electric Power Research Institute

A New Comprehensive Site Level 3 PRA to Update NUREG-1150

Presentation View

Handout View

Martin Stutzke, Senior Technical Advisor for PRA Technologies, NRC/RES

Session Coordinator:

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