

Session Title: State-of-the-Art Reactor Consequence Analysis

Description: The NRC is conducting a State-of-the-Art Reactor Consequence Analysis (SOARCA) project to evaluate severe accident initiation and progression, radiological release, and offsite consequences for nuclear power plants. The assessments include design, operation, and emergency preparedness improvements over the past 25 years and use the latest computer code models to accurately reflect more realistic plant performance and emergency response activities in the unlikely event of a nuclear power plant accident.

Session Chair: Charles Tinkler, NRC/RES

Panelists:

Presentation View Handout View
Introduction / Project Status

Charles Tinkler, NRC/RES

Updated SOARCA Sequences

Jason Schaperow, NRC/RES

Developments in Off-Site Consequence Modeling

Terry Brock, NRC/RES

Risk Communication

Dorothy Collins, NRC/RES

Phenomenological Advances of Severe Accident Progression

Presentation View Handout View

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