

Chang, Richard

From: Chang, Richard
Sent: Friday, February 04, 2011 12:11 PM
To: Santiago, Patricia
Cc: Ghosh, Tina
Subject: RE: Session Description for SOARCA (TH42)

Pat,

Here are the changes-

Introductory Remarks – Kathy Halvey Gibson, Deputy Director, Division of Systems Analysis, NRC/RES

SOARCA Study – Pat Santiago, Branch Chief, Division of Systems Analysis, NRC/RES

Uncertainty Analysis- Richard Chang, Project Manager, Division of Systems Analysis, NRC/RES

Phenomenological Uncertainty - Randy Gauntt, Department Manager, Reactor Modeling & Analysis, Sandia Laboratories

SOARCA Peer Review - Jacquelyn Yanch, Senior Lecturer, Massachusetts Institute of Technology and President, Loneyes, Inc.

Charles Tinkler, Senior Technical Advisor for Severe Accident Research, Division of Systems Analysis, NRC/RES

From: Langlie, Liz
Sent: Friday, February 04, 2011 11:02 AM
To: Santiago, Patricia
Cc: Chang, Richard
Subject: Session Description for SOARCA (TH42)
Importance: High

Hi Pat - Please make changes ASAP to below and send back to me. Also, send me bio, title, division - thanks Pat!

TH42 State-of-the-Art Reactor Consequence Analyses

The NRC's State-of-the-Art Reactor Consequence Analyses (SOARCA) research project is designed to estimate the realistic outcomes of severe accident scenarios at nuclear power plants. The project also studied and improved methods and models for realistically evaluating plant responses during severe accidents, including protective actions for the public (such as evacuation and sheltering), and the potential public health risk. The NRC performed this study, in part, to develop information about the effectiveness of methods for mitigating severe accidents at nuclear power plants to prevent or minimize harm to the public. The SOARCA study seeks to produce more realistic estimates of plant behavior during severe accidents, thereby improving understanding of the consequences of a potential accident. The NRC staff has completed its initial analyses and is addressing issues identified by the SOARCA External Peer Review Committee, as well as feedback from a fact check with the power plants included in the study. Part of this session will include a perspective of the SOARCA peer review. Finally, the NRC will discuss the uncertainty study for SOARCA that it began within the past year.

Session Chair: Kathy Halvey Gibson, Deputy Director, Division of Systems Analysis, NRC/RES

Speakers/Panelists:

cc/76

Introductory Remarks – Kathy Halvey Gibson, Deputy Director, Division of Systems Analysis, NRC/RES

SOARCA Study - Richard Chang, Program Manager, Division of Systems Analysis, NRC/RES

Updated Accident Progression and Consequence Analysis - Jason Schaperow, Senior Reactor Systems Engineer, Division of Systems Analysis, NRC/RES

Phenomenological Uncertainty - Randy Gauntt, Department Manager, Reactor Modeling & Analysis, Sandia Laboratories

SOARCA Peer Review - Jacquelyn Yanch, Senior Lecturer, Massachusetts Institute of Technology and President, Loneyes, Inc.

Charles Tinkler, Senior Technical Advisor for Severe Accident Research, Division of Systems Analysis, NRC/RES

Session Coordinator: Richard Chang, NRC/RES, tel: (301) 251-7980, e-mail: Richard.Chang@nrc.gov

Thanks!

Liz

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