

July 22, 2015

MEMORANDUM TO: Richard P. Correia, Director
Division of Risk Analysis
Office of Nuclear Regulatory Research

Kevin A. Coyne, Acting Deputy Director **/RA/**
Division of Risk Analysis
Office of Nuclear Regulatory Research

FROM: Peter L. Appignani, Acting Branch Chief **/RA/**
Probabilistic Risk Assessment Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF THE PUBLIC WORKSHOP ON THE
STANDARDIZED PLANT ANALYSIS RISK MODELS,
JULY 14-15, 2015

On July 14-15, the Office of Nuclear Regulatory Research (RES), in collaboration with Idaho National Laboratory, held a two-day public workshop on the agency's Standardized Plant Analysis Risk (SPAR) model program. Workshop discussions included the objectives of the SPAR model program; data collection and analysis; human reliability analysis; loss of offsite power modeling; and SPAR model maintenance and quality assurance. The workshop participants included representatives from utilities, industry contractors, international partners, and public interest groups. In addition, NRC staff from NRR, NRO and the Regions attended. The SPAR models provide agency risk analysts with an independent risk assessment tool and support a variety of risk-informed agency programs, including the reactor oversight process and the accident sequence precursor program.

The SPAR Public Workshop Announcement and agenda can be found in ADAMS, using accession number ML15148A784. The presentations given at the workshop, the speakers' names, and the ADAMS accession number for each presentation are listed in the table below.

CONTACT: Peter L. Appignani, RES/PRAB
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Accession Number	Agenda Topic	Speaker
DAY 1		
ML15189A206	Welcome, Introductions & Ground Rules	Peter Appignani, RES and Richard Correia, RES
ML15189A345	Operating experience data and data analysis	John Lane, RES
ML15189A229	Operating experience data and data analysis	John Schroeder, INL
ML15189A361	Common Cause Failure Data and Alpha Factor Modeling	John Schroeder, INL
DAY 2		
ML15189A373	Welcome, Introductions & Review of Ground Rules	Peter Appignani, RES
ML15194A339	SPAR modeling philosophy and quality assurance activities	Kevin Coyne, RES
ML15189A389	SAPHIRE Capabilities & Workspaces	Jeff Wood, RES & Jim Knudsen, INL
ML15189A401	SPAR Human Reliability Analysis	Robert Buell, INL
ML15189A444	Support system initiating event modeling	John Schroeder, INL
ML15189A453	Loss of off-site power modeling	Robert Buell, INL
ML15190A136	SPAR Peer Review and Follow-up	Jim Knudsen, INL
ML15190A144	SPAR Success Criteria	Robert Buell, INL
ML15190A157	SPAR Update Process	Robert Buell, INL
ML15190A168	SPAR All Hazard Models	Selim Sancaktar, RES

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NAME	P. Appignani	K. Coyne	R. Correia
DATE	7/17/15	7/21/15	7/21/15

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