

June 29, 2005

MEMORANDUM TO: David C. Lew, Chief  
Probabilistic Risk Analysis Branch  
Division of Risk Analysis and Applications  
Office of Nuclear Regulatory Research

FROM: J.S. Hyslop /RA/  
Probabilistic Risk Analysis Branch  
Division of Risk Analysis and Applications  
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF JUNE 14-16, 2005, JOINT RES/EPRI PUBLIC  
WORKSHOP ON FIRE PRA

The U.S. Nuclear Regulatory Commission Office of Nuclear Regulatory Research (RES) and the Electric Power Research Institute (EPRI) conducted a joint public workshop on fire PRA on June 14-16, 2005, at the EPRI NDE Center in Charlotte, NC. The workshop was centered around the technical document, NUREG/CR-6850 (EPRI 1011989) entitled "EPRI/NRC-RES Fire PRA Methodology for Nuclear Power Facilities." This document is expected to support implementation of the risk-informed, performance-based rule 10CFR50.48(c) endorsing National Fire Protection Association (NFPA) Standard 805, as well as other applications such as exemptions or deviations to our current regulations and fire protection Significance Determination Process phase 3 applications. Approximately eighty persons attended this workshop from NRC, DOE laboratories, licensees, consultants, and regulators and industry members from outside the U.S. Despite technical discussion, no major technical issues were identified with respect to this document.

Public comments and informal discussions indicated that this workshop was very successful, and was effective at communicating this research. It was noted in the closing session that more detailed, intensive training is needed to actually train analysts to fully apply these methods. Recommendations for more detailed training were discussed.

RES and EPRI indicated that they are potentially planning a second joint workshop next year in the spring at NRC Headquarters in Rockville, MD. Those interested in a second workshop should contact Steven P. Nowlen, Sandia National Laboratory, at [spnowle@sandia.gov](mailto:spnowle@sandia.gov) or Bijan Najafi, SAIC, at [bijan.najafi@saic.com](mailto:bijan.najafi@saic.com). Given the interest in this workshop, RES and EPRI have decided that it is very likely that this second joint workshop will be conducted.

Attachments: 1) Attendance List  
2) Agenda  
3) Workshop Slides  
4) Suggested Reading List  
5) Enclosure List (references provided only)

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