

July 7, 2015

MEMORANDUM TO: Stacey L. Rosenberg, Chief  
PRA Licensing Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

FROM: Mehdi Reisi Fard, Reliability and Risk Analyst /RA/  
PRA Licensing Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 23, 2015 CATEGORY 2 MEETING  
REGARDING FIRE PROBABILISTIC RISK ASSESSMENT  
METHODS AND FREQUENTLY ASKED QUESTIONS

On June 23, 2015, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting, via teleconferencing, with the nuclear industry and the Nuclear Energy Institute (NEI) to discuss fire probabilistic risk assessment (FPRA) Frequently Asked Questions (FAQs). Prior to this meeting, the NRC staff sent a set of questions related to the draft white paper on implementation of new fire ignition frequencies and non-suppression probabilities (available at Agencywide Documents Access and Management System (ADAMS) Accession No. ML15149A259). In addition, the industry provided a revision of the white paper, which includes responses to NRC questions (ADAMS Accession No. ML15166A234).

A summary of the topics discussed at this meeting is provided below:

- The NRC staff and the industry discussed the industry's proposal for implementation of new methods and data, including 2014 ignition frequencies. The NRC staff indicated that some parts of the American Society of Mechanical Engineers (ASME) PRA standard related to PRA configuration control, such as assessment of the cumulative impact of pending changes were not discussed in the white paper. The industry participants clarified that consideration of new methods and data is a procedural requirement once those methods and data are identified. Furthermore, the industry and NRC discussed

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whether corrections of methods or data are considered similar to new methods and data and concluded that they should be treated similarly with regards to inclusion in PRA updates. The NRC staff will provide written comments to identify additional items that should be clarified in the white paper.

- The NRC staff asked about the industry's timeline for providing responses to NRC comments on draft of FPRA FAQ 14-0007, "Transient Fire Frequency Likelihood." The industry stated that the responses will be provided in about a month.

Meeting notice and agenda for this public meeting is available at ADAMS Accession No. ML15152A309.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:  
As stated

whether corrections of methods or data are considered similar to new methods and data and concluded that they should be treated similarly with regards to inclusion in PRA updates. The NRC staff will provide written comments to identify additional items that should be clarified in the white paper.

- The NRC staff asked about the industry’s timeline for providing responses to NRC comments on draft of FPRA FAQ 14-0007, “Transient Fire Frequency Likelihood.” The industry stated that the responses will be provided in about a month.

Meeting notice and agenda for this public meeting is available at ADAMS Accession No. ML15152A309.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:  
As stated

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ADAMS Accession No.: ML15182A223

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DATE	07/ 1 /15	07/ 7 /15

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**FIRE PROBABILISTIC RISK ASSESSMENT  
FREQUENTLY ASKED QUESTIONS PROCESS**

**LIST OF ATTENDEES**

June 23, 2015

**U. S. Nuclear Regulatory Commission Staff**

A. Klein  
S. Rosenberg  
S. Dinsmore  
D. Frumkin  
D. Gennardo  
J. Hyslop  
C. Moulton  
M. Reisi Fard

**Stakeholders**

V. Anderson (Nuclear Energy Institute)\*  
B. Brogan (Entergy)\*  
R. Cavedo (Exelon)\*  
J. Chapman (Sciencetech)\*  
R. Rolland (Nuclear Energy Institute)\*  
J. Stone (Exelon)\*  
M. Schairer (Engineering Planning and Management (EPM), Inc.)\*  
K. Zee (ERIN Engineering and Research, Inc.)\*

Et al.

\*participated via phone

ENCLOSURE