

April 2, 2015

MEMORANDUM TO: Hossein G. Hamzehee, 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 MARCH 16, 2015 CATEGORY 2 MEETING
REGARDING FIRE PROBABILISTIC RISK ASSESSMENT
METHODS AND FREQUENTLY ASKED QUESTIONS

On March 16, 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 industry provided Revision F of FPRA FAQ 14-0009, "Treatment of Well MCC Sealed Electrical Panels Greater than 440V," (available at Agencywide Documents Access and Management System (ADAMS) Accession No. ML15040A136).

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

- The NRC staff provided a brief status of the FPRA FAQ 14-0009 review. The staff explained that proposed recommendations from the review panel have been reviewed and there is one area that should be discussed internally for better alignment. The NRC staff will provide comments and feedback on the last revision of the FAQ to the Office of Nuclear Regulatory Research (RES) and Electric Power Research Institute (EPRI) review panel.

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- The NRC staff stated that the staff has started reviewing the first draft of FPRA FAQ 14-0007, "Transient Fire Frequency Likelihood." The NRC staff further stated that the NRC's goal is to finish the review of this FAQ and provide comments to the industry by the end of April 2015.
- The NRC staff from RES provided a status update on publication of the electrical cabinet heat release rate research report. RES staff indicated that the comments from the Office of Nuclear Reactor Regulation (NRR) on this report have been incorporated and the draft report will be published for public comments in two weeks. The draft report will be available at ADAMS Accession No. ML15056A144.
- The NRC staff and the industry discussed the implementation of new information in NUREG-2169/EPRI 3002002936, "Nuclear Power Plant Fire Ignition Frequency and Non-Suppression Probability Estimation Using the Updated Fire Events Database." Participants from the industry explained that the industry will follow the normal update process in Section 1-5 of the ASME/ANS PRA Standard for implementing the new database. NRC staff stated that the staff wants to ensure that the updating process is consistent with existing guidelines. The industry will provide a white paper on implementation of new data by the end of March 2015.

Meeting notice and agenda for this public meeting is available at ADAMS Accession No. ML15063A476.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:
As stated

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Enclosure:
As stated

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ADAMS Accession No.: ML15083A376

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DATE	03/ 25 /15	04/ 02 /15

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

LIST OF ATTENDEES

March 16, 2015

U. S. Nuclear Regulatory Commission Staff

J. Giitter
S. Lee
H. Hamzehee
S. Dinsmore
D. Frumkin
J. Hyslop
P. Lain
B. Metzger
C. Moulton
M. Reisi Fard
G. Taylor

Stakeholders

P. Amico (Hughes Associates)*
V. Anderson (Nuclear Energy Institute)*
B. Brogan (Entergy)*
F. DePeralta (Pacific Northwest National Laboratory)*
A. Linedman (Electric Power Research Institute)*
J. Stone (Exelon)*
K. Zee (ERIN Engineering and Research, Inc.)*

*participated via phone

ENCLOSURE