July 8, 2013

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 JUNE 11, 2013 CATEGORY 2 MEETING REGARDING FIRE PROBABILISTIC RISK ASSESSMENT METHODS AND FREQUENTLY ASKED QUESTIONS

On June 11, 2013, 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 Question (FAQ) on modeling of Main Control Room (MCR) abandonment. Prior to this meeting, the industry provided a list of topics related to this FAQ to be discussed in the meeting and NRC staff provided a written response to industry's input. The industry's input and the NRC response can be seen in Agencywide Documents Access and Management System (ADAMS) Accession No. ML13182A726).

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

- The resolution of FPRA FAQ 13-0002, "Modeling of Control Room Abandonment supports the staff's review of the evaluation of the alternate shutdown transfer and execution of the plant shutdown upon MCR evacuation. A timely response is needed for this FAQ to support the NRC's reviews of LARs associated with National Fire Protection Association's "Performance-Based Standard for Fire Protection for Light-Water Reactor Electric Generating Plants" (NFPA 805).

- NRC staff stated that all discussion of the Standard and associated Regulatory Guides should be removed from of this FPRA FAQ resolution.

- NRC staff proposed a simplified approach for remote shutdown operations. For the loss of habitability, the NRC staff proposed that the NRC and industry discuss those remote shutdown operations that would lead to, at most, a 0.1 failure probability. NRC staff needs examples of abandonment scenarios with the identification of actions needed.

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- Industry agreed to provide illustrative examples with variations and enough detail to support the proposed approach before the next FPRA FAQ public meeting.

The Meeting notice and agenda for this public meeting is available in ADAMS Accession No. ML13150A328.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:
As stated

- Industry agreed to provide illustrative examples with variations and enough detail to support the proposed approach before the next FPRA FAQ public meeting.

Meeting notice and agenda for this public meeting is available at ADAMS Accession No. ML13150A328.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:
As stated

DISTRIBUTION:

JGiitter, NRR	SLee, NRR	HHamzehee, NRR	AKlein, NRR
HBarrett, NRR	SDinsmore, NRR	RGallucci, NRR	JHyslop, NRR
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ADAMS Accession No. ML13177A206

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DATE	07 / 02 /13	07 / 08 /13

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FIRE PROBABILISTIC RISK ASSESSMENT
FREQUENTLY ASKED QUESTIONS PROCESS

LIST OF ATTENDEES

June 11, 2013

U. S. Nuclear Regulatory Commission Staff

J. Giitter
S. Lee
H. Hamzehee
H. Barrett
S. Cooper
S. Dinsmore
R. Gallucci
D. Gennardo
J. Hyslop
C. Moulton
M. Reisi Fard

Stakeholders

P. Amico (Hughes Associates, Inc.)*
V. Anderson (Nuclear Energy Institute)*
J. Julius (Scientech)*
A. Lindeman (Electric Power Research Institute)*
V. Rubano*
M. Schairer (Engineering Planning and Management, Inc.)*
K. Zee (ERIN Engineering)*

*participated via phone

ENCLOSURE