

May 5, 2015

MEMORANDUM TO: Alexander R. Klein, Chief  
Fire Protection Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

FROM: Barry W. Miller, Sr. Project Manager **/RA/**  
Fire Protection Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE APRIL 9, 2015, CATEGORY 2 MEETING  
BETWEEN THE NUCLEAR REGULATORY COMMISSION AND  
NUCLEAR ENERGY INSTITUTE REGARDING NATIONAL FIRE  
PROTECTION ASSOCIATION STANDARD 805

On April 9, 2015, the U.S. Nuclear Regulatory Commission (NRC) staff held a public teleconference meeting with the Nuclear Energy Institute (NEI) and the public to discuss issues related to license amendment reviews and implementation of National Fire Protection Association Standard 805 (NFPA 805). The meeting notice was made available at Agencywide Document Access and Management System (ADAMS) Accession No. ML15097A480.

For the first topic of the meeting, the NRC provided a status of its review of License Amendment Requests (LARs) submitted by licensees to transition to NFPA 805. The NRC indicated that one license amendment had been issued in early March and that another is expected to be issued in May.

The next topic addressed an issue affecting the LAR reviews for several licensees: treatment of main control room abandonment on loss of control. The NRC staff indicated that it plans to address these issues via public meetings with individual licensees or utilities because the manner in which MCR abandonment was modeled differs between licensees. The NRC staff indicated that these meetings are being held to help the NRC staff better understand how the MCR abandonment modeling was done, not necessarily because the NRC has found it unacceptable.

The discussion then briefly touched on the issue of potential approaches for approving changes to required modifications during the post-amendment implementation period. At the last NRC/NEI Management Meeting, it was agreed that this issue should be discussed in its own public meeting. NRC staff indicated that this meeting had already been scheduled and it would occur on April 13, 2015.

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The next item for discussion was the status of the updated Fire Ignition Frequency guidance in NUREG-2169, "Nuclear Power Plant Fire Ignition Frequency and Non-Suppression Probability Estimation Using the Updated Fire Events Database: United States Fire Event Experience Through 2009." The NRC staff noted that because this guidance has been issued as final, it intends to rescind FAQ 08-0048, which had provided guidance on the topic that is now superseded by NUREG-2169. NEI staff indicated that they intended to submit to the NRC a white paper on how to implement this guidance. The NRC staff indicated it looked forward to receiving the white paper.

Next, NRC staff provided an update regarding fire research items. The NRC staff communicated that the draft report on electrical enclosure heat release rates would be published in the *Federal Register* the week of April 27 for a 45-day public comment period. NRC staff indicated that a draft NUREG on very early warning fire detection systems would be published for comment within the next several months. Lastly, an overview was provided on the status of main control room abandonment human reliability work, the international high energy arcing fault testing project, upcoming Fire PRA training, and an update on fire model verification and validation.

An opportunity for public comment was provided near the end of the meeting. No public comments were received. The meeting was then adjourned.

A list of meeting attendees is enclosed with this memorandum.

Enclosure:  
As stated

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As stated

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**NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 805  
NRC/NEI MANAGEMENT MEETING  
LIST OF ATTENDEES**

April 9, 2015

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

J. Giitter  
R. Correia  
A. Klein  
H. Hamzehee  
M. Salley  
B. Miller  
J. Robinson  
P. Lee  
D. Frumkin  
K. Green

**Stakeholders**

E. Flick (Exelon)  
V. Anderson (NEI)  
J. Ertman (Duke)  
D. Churchman (Southern Nuclear)  
B. Montgomery (NEI)  
J. Giles (Southern Nuclear)  
A. Ratchford (RDS)  
A. Lindeman (EPRI)  
M. Lilley (Exelon)  
F. DePeralta (PNNL)  
R. Thomas (Public)  
R. Kalantari (EPM)  
D. Millar (Entergy)  
P. Bemis (PGE)  
M. Crompton (EPM)  
A. Afzali (Southern Nuclear)  
F. Mantine (First Energy)  
T. Swiecicki (Entergy)  
D. Davidson (Southern Nuclear)  
R. Swerczek (OPPD)  
J. Quinn (EPM)  
L. Abbott (FPL)  
A. Jelalian (EPM)  
J. Hall (Entergy)  
L. Young (Entergy)

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