

April 24, 2008

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

FROM: Robert Vettori, Fire Protection Engineer **/RA/**
Fire Protection Branch
Division of Risk Assessment
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF MARCH 27, 2008, CATEGORY 2 MEETING ON FIRE
INDUCED CIRCUIT FAILURE

On March 27, 2008, the U.S. Nuclear Regulatory Commission (NRC) held a meeting with the Nuclear Energy Institute (NEI) staff, industry stakeholders, and the public to discuss the status and NRC staff views of the NEI method for resolution of the fire induced circuit failure issue and to discuss the NRC staff's conceptual approach for resolution of the fire induced circuit failure issue. An attendance list and meeting agenda are provided in Enclosures 1 and 2 respectively and are attached to this summary.

Meeting participants agreed to deviate from the planned agenda and allow NRC staff to discuss the NRC approach for resolution of fire induced circuit failures. The NRC staff's approach is provided in the presentation slides dated March 27, 2008 and is available in the Agencywide Documents Access and Management System (ADAMS) accession number ML080920662.

Some highlights of the discussion during the meeting were:

The Commission directed the NRC staff to provide a method of compliance for licensees who do not choose to utilize the risk-informed approach contained in 10 CFR 50.48(c) by June 2008.

Industry had the concern that the NRC approach could change plant's licensing basis.

Industry had the concern that the NRC approach will not address 10 CFR 50, Appendix R III.G.3 areas, such as cable spreading rooms or control rooms.

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301-415-3666

Discussion on the NRC approach utilized the entire time allotted for the meeting and the participants agreed to have a future meeting in order for NEI to present their multiple spurious actuation lists which are available in ADAMS accession number ML080860668. An additional one page document that is part of a larger document was also presented by NEI. This figure titled "Resolution Methodology" is page 5 of a document that is available in ADAMS accession number ML080310056.

The participants agreed that a public meeting of the NRC Fire Protection Steering Committee (FPSC) should be scheduled to further discuss these concerns. The charter of the FPSC is available in ADAMS accession number ML072640666.

Enclosures:
As stated

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DATE	04/ 23 /08	04/ 24 /04	04/ 24 /08

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**Fire Induced Circuit Failure Meeting with the Nuclear Energy Institute
Public Meeting
March 27, 2008
U.S. Nuclear Regulatory Commission Headquarters - Rockville, Maryland
List of Attendees**

NRC STAFF

T. Dinh
R. Radlinski
G. Taylor
H. Barrett
E. McCann
J. Grobe
D. Frumkin
M. Cunningham
R. Vettori
Alex Klein
Rodney Fanner*
Norman Merriweather*
LaDonna Bradford*
Joylynn Quinones*
Delza Mas-Peraranda*
Paul Fillion*

OTHER

C. Worrell	PWROG - Westinghouse
T. Gorman	PPL Susquehanna
J. Riley	Nuclear Energy Institute
A. Marion	Nuclear Energy Institute
M. Heatherly	TVA
A. Robinson	TVA
E. Hazera	U.S. GAO
C. Gorman*	U.S. GAO
S. Rossman*	U.S. GAO
M. Murtha*	Davis-Besse
N. Chapman*	Bechtel Power Corp.
R. Kalantari*	Engineering Planning and Mgt
F. Pellizzari*	Engineering Planning and Mgt
C. Pragman*	Exelon Nuclear

* participated via phone

**Fire Induced Circuit Failure Meeting with the Nuclear Energy Institute
Public Meeting
March 27, 2008
U.S. Nuclear Regulatory Commission Headquarters - Rockville, Maryland
Agenda**

PURPOSE: To conduct discussions regarding the status and NRC staff views of the NEI method for resolution of the fire induced circuit failure issue and to discuss the NRC staff's conceptual approach for resolution of the fire induced circuit failure issue.

- 9:00 a.m. Introduction and meeting focus
- 9:10 a.m. Discussion of NEI Method (ADAMS Accession No. ML080310056)
- 10:00 a.m. Discussion of NRC conceptual approach for resolution of fire induced circuit failures. See ADAMS Accession No. ML073400152 for the NRC staff presentation on this topic from the December 5, 2007, Fire Protection Steering Committee Meeting (ADAMS Accession No. ML073520333)
- 10:45 a.m. Public comments
- 11:00 a.m. Adjournment