

August 2, 2008

MEMORANDUM TO: Sunil Weerakkody, Branch Chief  
Fire Protection Branch  
Division of Risk Assessment  
Office of Nuclear Reactor Regulation

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

SUBJECT: NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 805:  
FREQUENTLY ASKED QUESTION 07-0035, HIGH ENERGY ARCING  
FAULTS IN BUS DUCTS EXPERT PANEL

DATE & TIME: Friday August 17, 2007  
9:00am - 12:00pm  
Call-in Line: Limited, 800-638-8081 or 301-231-5539  
E-mail contacts with your contact information for passkey.

LOCATION: U.S. Nuclear Regulatory Commission  
O-11B2  
11555 Rockville Pike, One White Flint North  
Rockville, Maryland 20852

PURPOSE: To discuss methods for counting high energy arcing faults in bus ducts as  
ignition sources.

CATEGORY\*: This is a Category 1 Meeting: The public is invited to observe this  
meeting and will have one or more opportunities to communicate with the  
NRC after the business portion, but before the meeting is adjourned.

CONTACTS: Charles Moulton, DRA/NRR    Ray Gallucci, DRA/NRR  
301-415-2751                                301-415-1255  
cem4@nrc.gov                                rhg@nrc.gov

\* Commission's Policy Statement on "Enhancing Public Participation in Nuclear Regulatory Commission (NRC) Meetings," (67 FR 36920) May 28, 2002

PARTICIPANTS: Participants from the Nuclear Regulatory Commission (NRC) include members of the Offices of Nuclear Reactor Regulation, New Reactors, and Nuclear Regulatory Research. Stakeholders include members of the NEI, industry representatives, and consultants to the nuclear industry.

NRC

R. Gallucci  
P. Lain  
J. S. Hyslop  
C. Moulton  
T. Dinh

Stakeholders

NEI  
Industry Representatives  
Industry Consultants

Enclosure:  
Agenda

**PARTICIPANTS:** Participants from the Nuclear Regulatory Commission (NRC) include members of the Offices of Nuclear Reactor Regulation, New Reactors, and Nuclear Regulatory Research. Stakeholders include members of the NEI, industry representatives, and consultants to the nuclear industry.

NRC

R. Gallucci  
P. Lain  
J. S. Hyslop  
C. Moulton  
T. Dinh

Stakeholders

NEI  
Industry Representatives  
Industry Consultants

Enclosure:  
Agenda

DISTRIBUTION:

PMNS	ADAMS	AFPB R/F	JHyslop	SWeerakkody	RidsNrrDraAfpb
CMoulton	PLain	RGallucci	AKlein	TDinh	

Adams Accession No.: ML072140459

NRR-106 & NRR-001

OFFICE:	/FPE	AFPB/BC
NAME:	CMoulton	SWeerakkody
DATE:	8/ 02 /07	8/ 02 /07

**OFFICIAL RECORD COPY**

**National Fire Protection Association Standard 805: Frequently Asked Question 07-0035,  
High Energy Arcing Faults in Bus Ducts.**

**August 17, 2007**

**U.S. Nuclear Regulatory Commission Headquarters - Rockville, Maryland  
Agenda**

Purpose: To discuss methods for counting high energy arcing faults in bus ducts as ignition sources.

9:00 Welcome

9:10 Discuss high energy arcing faults (HEAFs) in bus ducts and derive a method for counting HEAFs in bus ducts as ignition sources in probabilistic risk assessment models.

11:30 Recap Proposed method for counting HEAFs in bus ducts

11:45 Public comment period

12:00 Adjournment

ENCLOSURE