

August 18, 2006

Mr. Doug Brandes
Chairman, SFPE Educational and Scientific Foundation
Society of Fire Protection Engineers
7315 Wisconsin Avenue, Suite 620E
Bethesda, MD 20814

SUBJECT: NRC Collaboration with the Society of Fire Protection Engineers (SFPE),
Educational and Scientific Foundation

Dear Mr. Brandes:

This letter responds to your letter, dated July 5, 2006, requesting NRC participation in an initiative to improve available fire detector and sprinkler activation screening techniques used by practicing engineers. Specifically, you requested the NRC allow SFPE the use of one of the Fire Dynamics Tools (FDT^s) (NUREG-1805) spreadsheets developed by NRC staff as a basis for the initiative. Your plan is to enhance the capabilities of the detector activation correlations, provide updated information concerning limitations of the correlations, and add additional fuel package and heat release information using an expert panel comprised of the scientists who originally developed the correlations.

In recognition of the value of this initiative, we agree to provide you with an unlocked and editable version of the FDT^s spreadsheet for you to enhance as described above and in your letter. We require that the finished product be returned to NRC for publishing in the public domain. The SFPE may make the finished product available to the public on its website. However, we request the SFPE recognize the NRC contribution.

Sincerely,

/RA/ Brian W. Sheron

Brian W. Sheron, Director
Office of Nuclear Regulatory Research

August 18, 2006

Mr. Doug Brandes
Chairman, SFPE Educational and Scientific Foundation
Society of Fire Protection Engineers
7315 Wisconsin Avenue, Suite 620E
Bethesda, MD 20814

SUBJECT: NRC Collaboration with the Society of Fire Protection Engineers (SFPE),
Educational and Scientific Foundation

Dear Mr. Brandes:

This letter responds to your letter, dated July 5, 2006, requesting NRC participation in an initiative to improve available fire detector and sprinkler activation screening techniques used by practicing engineers. Specifically, you requested the NRC allow SFPE the use of one of the Fire Dynamics Tools (FDT^s) (NUREG-1805) spreadsheets developed by NRC staff as a basis for the initiative. Your plan is to enhance the capabilities of the detector activation correlations, provide updated information concerning limitations of the correlations, and add additional fuel package and heat release information using an expert panel comprised of the scientists who originally developed the correlations.

In recognition of the value of this initiative, we agree to provide you with an unlocked and editable version of the FDT^s spreadsheet for you to enhance as described above and in your letter. We require that the finished product be returned to NRC for publishing in the public domain. The SFPE may make the finished product available to public on its website. However, we request the SFPE recognize the NRC contribution.

Sincerely,

/RA/ Brian W. Sheron

Brian W. Sheron, Director
Office of Nuclear Regulatory Research

Distribution:
FRT RF
RES# 2006358
CECarpenter

G:\DRASP\LETTER TO SFPE.WPD

OADR in ADAMS? (Y or N) Y ADAMS ACCESSION NO.: ML062190077 TEMPLATE NO. RES-006
Publicly Available? (Y or N) Y DATE OF RELEASE TO PUBLIC 7/21/2006 SENSITIVE? N

To receive a copy of this document, indicate in the box: "C" = Copy w/encls "E" = Copy w/encls "N" = No copy

OFFICE	FRT	C	FRT	C	OERA	N	SISP Review	N	SISP Review	N	OGC	C
NAME	JDreisbach	MSalley	PBaranowsky	JDreisbach	PBaranowsky	NStAmour						
DATE	08/07/06	08/07/06	08/08/06	08/07/06	08/16/06	08/16/06						

OFFICE	DRASP	C	RES	C
NAME	FEltawila	BSheron		
DATE	08/16/06	08/18/06		

OFFICIAL RECORD COPY

RES File Code: 2C-3