



## Session 1B:

### Panel Discussion: The FPE's Role in Large Loss Fire Investigations

Guided by recent case examples, the panel will share their personal experience of the FPEs role in investigating large fire losses. Referenced examples will include among others the QVC Distribution Center fire in Rocky Mount Hill, NC and the amphibious assault ship USS Bonhomme Richard (LHD-6) in San Diego, CA. Topics to be addressed will include:

- Use of Specialized Personnel and Technical Consultants
- Coordinating with fire investigators and other engineering disciplines
- Investigation protocols and procedures
- Roles of involved entities (public, private, interested parties, etc.)
- Scientific method and Levels of Certainty
- Role in the Legal Process



#### DANIEL L. ARNOLD, P.E., FSFPE

Principal Engineer

Seneca Fire Engineering, LLC

A graduate Fire Protection Engineer from the University of Maryland, Dan has nearly 50 years of experience in fire protection; 42 years as a fire protection engineer. His early fire protection experience was as a firefighter and volunteer officer in Prince George's County, Maryland.

Over his career, Dan has participated in more than 1500 forensic fire protection engineering investigations including numerous large loss investigation including the DuPont Plaza Hotel, San Juan, PR; One Meridian Plaza, Philadelphia, PA; River Cities Business Park, Davenport, IA, Live Oak Milliken Plant in Lagrange, GA and the QVC Distribution Center, Rocky Mount, NC. He has been qualified as an expert and testified in numerous Federal and State court matters.

Dan is a registered professional engineer in 22 states and is a member of the National Society of Professional Engineers. He is also a member of the National Society of Professional Engineers, NFPA and an SFPE Fellow. Dan has served as Treasurer and a Director on the SFPE Board and is a Past President of the SFPE Greater Atlanta Chapter.

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