



Seminar 1:
Performance-Based Design Evaluations for Property Insurance Risks

Although performance based codes are talked about as a relatively new (in the last 20 years) concept, large property insurers have been using the performance based design for decades. Because these insurers operate on a global basis, they use the best-known science to evaluate property fire hazards independent of local codes. This frequently involves fire modeling. When fire protection is deemed inadequate, a variety of tools such as probabilistic risk assessments, Bayesian Networks, structured insurance programs, and reinsurance are used to measure and mitigate the risk that the insurer is taking.

This presentation will discuss all of these techniques, along with current examples and current challenges needing advanced fire protection engineering input.



John A. Frank, P.E., FSFPE, CPCU
SVP, Loss Prevention Center of Excellence
Property Risk Engineering / GAPS
XL Catlin

John Frank, P.E., FSFPE has been working in fire protection and the Highly Protected Insurance industry for the past 37 years. He seeks to combine his experience in military, municipal, and industrial firefighting with fire protection engineering and business skills to develop with the best possible solutions for his global clients. John is currently the Technical Risks Leader at XL Catlin/Property Risk Engineering / GAPS. He holds a BS in Fire and Safety Engineering Technology, an MBA, and a Graduate Certificate in Fire Protection Engineering from WPI. He is actively involved in NFPA committees and currently leads the SFPE on-line PE review course.

WWW.SFPEATLANTA.ORG

Please visit the website for conference costs and registration information.