



Scott A. Frazer, PE, ARM
Senior Fire Protection Engineer

Education

B.S., Mechanical Engineering, Georgia Institute of Technology
B.S., International Affairs, Georgia Institute of Technology

Registered Professional Engineer (Fire Protection)

State of Tennessee

Professional Affiliations

ARM (Associate in Risk Management)
OSHA Certified Trainer for General Industry
OSHA Certified Records Administrator
Society of Fire Protection Engineers (SFPE), Professional Member
National Fire Protection Association (NFPA), Member
American Society of Mechanical Engineers (ASME), Member

Professional Experience

February 2008 through Present – Performance Design Technologies, Inc.
Senior Fire Protection Engineer

Mr. Frazer provides consulting services on the design and installation of automatic fire sprinkler systems, including fire pumps, and fire alarm systems in a variety of occupancies. He also provides consulting services in the areas of life safety and emergency egress throughout a variety of occupancies in order to meet the prescriptive specifications in the International Building Code (IBC) and NFPA 101, "Life Safety Code", as well as to provide performance-based designs where meeting the prescriptive codes is unattainable or cost prohibitive. Mr. Frazer also provides code consulting services for ICC codes (International Building Code, International Fire Code, etc.) and NFPA codes. As a part of the above services, Mr. Frazer also provides engineering evaluations for smoke control in large spaces, including atriums, as well as overall property fire and life safety evaluations.

Mr. Frazer also provides consulting services in the creation, evaluation, and updating of Fire Hazards Analysis both in the nuclear industry and in general industry. In addition, Mr. Frazer is proficient in fire modeling, including zone models (CFAST), computational fluid dynamics (FDS), and algebraic equations (NFPA 92, NRC Spreadsheets, SFPE Handbook). He is proficient in egress evacuation modeling using the hydraulic model.

2000 through February 2008 – InterContinental Hotels Group, Inc.
Loss Prevention Manager

Mr. Frazer served as a Loss Prevention Manager for several years. His work included auditing and reporting upon the conditions present and areas of needed improvement within company-owned and managed properties with a focus on fire protection, health and safety, security, and crisis management planning as they relate to company standards, applicable codes and governing bodies, including NFPA and OSHA. He worked with senior management across hotel brands, regions and individual hotels to reduce the frequency of worker's compensation and liability claims. Mr. Frazer effected an average annual reduction of 11% in overall claims each of the 8 years, with his territory ranging from 55 to 120 hotels including properties in Mexico, the Caribbean and South America.

Mr. Frazer aided in the development and revision of corporate policies and procedures, including the Corporate Disaster Recovery Plan, the Crisis Management Manual, the Loss Prevention Manual (a compendium of best practices as it relates to fire, life safety and security), the Security Officer's Guide, New Employee Safety and Security Training Programs, and OSHA-required Training Programs. He performed training classes on Safety and Security, OSHA Programs, Security Officer Training, and Fire Protection for new general managers, new hotel openings and annual employee training.

Mr. Frazer worked as a liaison between the legal department and individual hotels in the evaluation and implementation of contractual language for liability risks, as well as minimizing legal liability risks at the hotel. He creatively managed workload to minimize travel costs and maximize efficiency with minimal supervision throughout the Americas.

1995 through 2000 – Kemper HPR Insurance Companies
Fire Protection Consultant/Large Property Consultant

Mr. Frazer served as a fire protection consultant auditing insured risks throughout the Southeast for compliance with Highly Protected Risk (HPR) specifications, while making and selling recommendations to individual locations and corporate contacts for necessary improvements. His areas of major focus included Manufacturing and Assembly Facilities, Textile Mills, Pulp and Paper Operations, Fiberglass Boat Manufacturers, Tire Manufacturing and Storage, Woodworking Facilities, Plastics Manufacturing and Storage, Warehouses, Data Storage Centers and Hospitals. He worked with underwriters to evaluate the insurability of property, general liability, worker's compensation, product liability and fleet risks by auditing and reporting upon the conditions present and areas of needed improvement within the insured's facilities. Mr. Frazer performed plan reviews for incoming fire protection plan submittals in order to ensure code and protection compliance and recommend any appropriate changes. He also performed loss investigations via on-site inspection in order to determine root causes of the loss and submit recommendations to minimize the possibility of future loss. Mr. Frazer also taught on-site property conservation and loss control programs for customers.

1989 through 1992 – Coweta County Water and Sewer Department, Newnan, GA
Cooperative Position

Mr. Frazer's duties included performing water system hydraulic gradients for county-wide flow availability, mapped water and sewer system and compiled into valve location book, and inspected contractor-installed water lines for acceptance into county system.

Areas of Specialization

Fire Suppression Design and Hydraulic Calculations	Fire Protection Program Review
Life Safety Analysis and Surveys	Egress Analysis and Modeling
NFPA Code Analysis	HPR and Loss Control Surveys
Building Code Analysis	Fire Hazards Analysis
ICC Code Analysis	Fire Modeling
Active Smoke Control Design	Passive Smoke Control Design
Premises Security and Internal Theft Analysis	Risk Management Analysis