

Walter K. Rothfuss, PE, CFEI, CFII

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CONSULTANT, 1978 – present

Consultant in forensic engineering: mechanical, fire protection, electrical, safety, failure analysis, building codes and structures, marine/naval engineering and occupational safety and health (OSHA). Fire protection, piping systems, pipeline systems, gas delivery systems, mechanical and electrical systems, heating systems, electrical fires, electrocution accidents, electric and gas transmission and distribution (T&D), origin and cause of explosions and fires, performance of building/structural components, carbon monoxide generation, residential and commercial construction claims, construction accidents, pipeline accidents, marine fires and accidents, machinery and vehicle claims, reconstruction of accidents, human factors in accidents and fires, fire and burglary alarm systems review and analysis, slip and fall accident analysis, code analysis (Building Codes, NFPA Codes, National Electrical Safety Code, etc.), warnings, product safety and defect, injury investigations, life safety systems. Projects included fire protection system reviews and documentation for several nuclear power generating plants, USN battleship reactivation program, Canadian Patrol Frigate design, El Paso Natural Gas LNG tanker fleet, fire and explosion consultation for public utilities, employee fatality accidents for US Steel and others. Registered Professional Engineer in multiple states. Certified Fire and Explosion Investigator and Certified Fire Investigation Instructor. Qualified expert witness.

U.S. VETERANS ADMINISTRATION, 1976-1978, Safety, Occupational Health and Fire Protection Division, Asst. Manager/Fire Protection, VA Central Office, Washington, DC, 1977 - 1978; Safety, Occupational Health and Fire Protection Engineer (OSHA Compliance Officer) for the Washington DC Region, 1976 – 1977

U.S. NAVY, 1969-1976 Naval Ship Engineering Center, Washington, DC, Fire Protection Systems and Equipment Section, Acting Head 1976. Senior Engineer, 1969 - 1975.

GENERAL SERVICES ADMINISTRATION, 1969 Accident & Fire Prevention Branch, Washington, DC, Staff safety and fire prevention engineer for GSA Region 3, the National Capital area.

UTICA MUTUAL INSURANCE COMPANY, 1967 - 1969, Safety Engineering Department, Staff safety and fire protection engineer.

EDUCATION: B.S., College of Engineering, Univ. of MD, 1967

PROFESSIONAL ACCREDITATION:

Registered Professional Engineer in multiple states
Certified Fire and Explosion Investigator (CFEI)
Certified Fire Investigation Instructor (CFII)

PROFESSIONAL AFFILIATIONS: ASME, NFPA, SFPE, ASM, NAFI, ASSE, IEEE, HFES, AGA, International Code Council (ICC), ABYC, ACEC, NSPE