

Terry Foppe Biography

Organization: Foppe & Associates, Inc.

Area of Expertise: Authorization basis, safety analysis, nuclear safety, risk assessment, fire protection engineering, occupational safety & health

Relevant Experience: Approximately twenty-five years of professional experience in safety analysis, risk assessments, fire protection engineering, and occupational safety and health. Provided safety analysis, hazards and accident analysis, and qualitative or quantitative risk assessments of non-reactor nuclear and hazardous chemical facilities at the Rocky Flats Site for the past 17 years to the operating contractor or the U.S. Department of Energy (DOE) Rocky Flats Field Office. These evaluations were used for authorization basis documents such as Safety Analysis Reports for seven plutonium buildings, hazard classifications of facilities and activities, safety classifications of structures, systems, and components, Operational Safety Requirements for nine plutonium buildings (and some of their updating to Technical Safety Requirements), and Unreviewed Safety Question Determinations; NEPA Environmental Assessments and Environmental Impact Statements; off-site emergency planning; radiological and chemical sabotage; and risk management decision making for structural upgrades or risk acceptance. Experience prior to the above included developing, coordinating, and implementing safety management and fire protection programs for DOE and other commercial companies to protect employees, property, the public, and the environment. Registered Professional Engineer (fire protection engineering). Certified Safety Professional (comprehensive practice).