

COCCIARDI and Associates, Inc.

Risk & Safety Management • Environmental Health
Emergency Preparedness • Safety Engineering
Consulting and Training

PROFESSIONAL PROFILE

STANFORD E. DAVIS EMERGENCY PREPAREDNESS PROFESSIONAL

EDUCATION:

Bachelor of Science in Civil Engineering (1980)
Bucknell University, Lewisburg, PA

PROFESSIONAL PROFILE:

Mr. Davis consults in the areas of fire protection, emergency preparedness, emergency response, business continuity / threat management, and industrial fire brigades. Mr. Davis's background includes 4 years in project construction management, 25 years as the Site Fire Protection Engineer, and 5 years as the Emergency Preparedness Manager for a nuclear power station, 42 years as a volunteer firefighter and Emergency Medical Technician including the last 20 years as Deputy or Assistant Fire Chief and Training Officer, 30 years as a Pennsylvania state local level fire instructor, 29 years as a municipal emergency management coordinator and 20 plus years as an elected supervisor for Ross Township in Luzerne County. Mr. Davis has extensive experience in industrial and municipal fire protection with fixed systems, programs and procedures, as well as firefighting and pre-fire planning. Mr. Davis has managed multiple federally evaluated emergency exercises at a nuclear station including a successful hostile action-based exercise which involved multiple federal participants and evaluators. Mr. Davis led the initial response team at a U.S. nuclear facility in response to the Fukushima disaster in Japan. He also has significant experience in interfacing between industrial facilities and their associated insurers and regulators. Mr. Davis has provided training and education for industrial and municipal firefighters on multiple topics, and personal care home staff emergency response and employee safety. Prior to this position, Mr. Davis held the position of Manager – Emergency Preparedness at a nuclear power station. Mr. Davis is an adjunct instructor in the Fire Science Technology degree program and an Industrial Fire Training Coordinator at Luzerne County Community College (LCCC) Public Safety Training Institute. Mr. Davis has four years' experience supporting the East Central Task Force in Pennsylvania as a Planning Specialist and assisting with program management.

CERTIFICATIONS:

- Certified Fire Protection Specialist (2001 – 2010)
- Society of Fire Protection Engineers (Elected Member Grade 1992)
- National Pro Board and International Fire Service Accreditation Congress (IFSAC) Fire and Rescue Certifications (Multiple)
- Emergency Medical Technician (1987 – present)
- Certified Evaluator for National Pro Board and International Fire Service Accreditation Congress (IFSAC) certification evaluations

MEMBERSHIPS AND AFFILIATIONS:

- National Fire Protection Association (NFPA) (1985 – present)
- NFPA Loss Prevention Practices and Procedures Technical Committee
 - o Committee Principal Member (1991 - present)
 - o Committee Chairman (2000 – 2010)
- NFPA Fire Protection at Nuclear Facilities Committee
 - o Technical Committee Principal Member (1997 – 2015)
- NFPA Industrial Fire Brigades Professional Qualifications Committee
- Technical Committee Principal Member (1997 - 2015)
- Keystone Incident Management Team
- Keystone Chapter Fire Service Instructors
- Luzerne County Emergency Management Agency
- Sweet Valley Volunteer Fire Company
- Luzerne County Local Emergency Planning Committee

SELECT PROJECT EXPERIENCE:

Project: Emergency Preparedness Evaluated Exercises

Description: Led team of emergency management professionals in development, coordination, implementation, and evaluation of three full scale federally evaluated exercises at a domestic nuclear power station. One of these three exercises was a hostile action-based scenario which included participation from and evaluation by multiple federal, state, and local agencies beyond the normal FEMA and PEMA evaluations.

Project: NEIL Insurance Property Loss Prevention Inspections

Description: Performed multiple insurance property loss prevention inspections at various domestic and international nuclear power stations. This included physical walkdowns of the stations, observation of industrial fire brigade drills, review of technical data from fire protection system tests and inspections, as well as review of offsite firefighting resources available for on-site assistance. These inspections also verified implementation and compliance of insurance standards established by the engineering advisory committee of NEIL in which Mr. Davis maintained a leadership role.

Project: U.S. Nuclear Facility Response to the Fukushima Disaster in Japan

Description: Led team of nuclear professionals in development and implementation of response actions at a U.S. nuclear facility in response to the Fukushima disaster in Japan. Participated in multiple industry and regulatory meetings drafting generic, consistent beyond design basis external event response actions for all U.S. nuclear stations.

Project: Employee Emergency Response Organization

Description: Managed the development, training, qualification, and implementation of a 450-member Emergency Response Organization. This included everything from review and revision of training material to coordination of an on-call system to assure coverage availability 24-7, 365 days per year.

Project: Regulatory Compliance

Description: Reviewed building and fire protection design and oversaw construction, inspection, testing, operation, and maintenance of fire alarm and fire protection systems, and firefighting apparatus, appliances, and devices to assure compliance with applicable model codes, regulations, and standards such as the International Building and Fire Codes, Occupational Safety and Health Administration (OSHA), NFPA, state and local ordinance. This also included active participation in NFPA Technical Committees (TC) (including chairing the Loss Prevention Practices and Procedures TC responsible for the NFPA 600, Industrial Fire Brigades Standard) and participation in review of and feedback to legislators for the Pennsylvania legislation regarding the PA Uniform Construction Code. Drafted, reviewed, and approved various fire related program documents, pre-fire plans, and procedures to assure compliance with applicable Federal, State, insurance, and local fire requirements.

Project: Industrial Fire Brigade / Municipal Fire Department Training

Description: Managed the development, planning, and execution of fire brigade and offsite fire company training, drills, exercises, and response plans. Provides training and education on a wide variety of fire protection and rescue topics, including the National Incident Management System (NIMS), Incident Command, Response to Terrorism, Arson Investigation, Hazardous Materials, Essentials of Firefighting, Fire Alarm and Sprinkler System Operations, Emergency Vehicle Operations, Fire Brigade, Fire Extinguishers, Modular Emergency Response Radiological Transportation training, Confined Space Rescue, Thermal Imaging Cameras, and others.