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**Chief Engineering Officer**  
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**SESSION 2C**      **Hurricane and Tropical Storm Recovery for Fire and Life Safety Systems**

**SESSION DESCRIPTION**

Strong hurricanes and tropical storms not only can cause physical damage to facilities, but may also impair their critical fire and life safety systems. This educational session will highlight some of the key points of fire and life safety systems that should be reviewed after the passing of a hurricane or tropical storm when assessing the damage and restoring these systems to operating condition. Water damage is something that may not always be totally apparent. We will review different evaluations that should be conducted prior to energizing the equipment. Power to alarms panels will be discussed including batteries that may be damaged to a point where they cannot hold adequate charge due to being under extreme or long power outages. Potential damage to diesel and electric fire pumps will also be discussed.

Learning Objectives:

- Understand how to determine elevation of the flood levels and equipment that may be damaged.
- Learn procedures that should be conducted on electrical equipment prior to energizing.
- Know the battery testing requirements in NFPA 72.

**SPEAKERS BIO**

Tracey Bellamy currently serves as the Chief Engineer for Telgian Corporation. He oversees all engineering activities as well as establishes standards of performance for the fire protection engineering program within Telgian. He is licensed as a Professional Engineer in all 50 states plus the District of Columbia and Puerto Rico. Mr. Bellamy is an active member of several National Fire Protection Association standards committees including NFPA 13, NFPA 25, NFPA 30, and NFPA 101 among others. In addition to maintaining an active membership in the Society of Fire Protection Engineers, Mr. Bellamy is also a member of the American Society of Civil Engineers (ASCE).

Ralph Bless currently serves as Telgian Corporation’s VP of Account Management and has more than 35 years’ experience in fire protection including a broad range of water based and special hazard system design, code consulting and fire protection engineering services. He is licensed as a Professional Engineer in six states, is a Level IV NICET senior fire sprinkler layout technician, as well as three other NICET certifications. Mr. Bless also holds several state and national certifications including that of Certified Fire Protection Specialist. He chairs the NFPA technical committee for Record Storage, NFPA 232, and serves as a primary member of the NFPA technical committee for Water Spray Systems, NFPA 15 as well as an alternate member of the NFPA 13 Correlating Committee.

