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## ARIZONA AFAA – FIRE ALARM SEMINAR

### 13 NOVEMBER 2018

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#### LOCATION

Radisson Hotel Phoenix Airport  
427 North 44<sup>th</sup> Street  
Phoenix, AZ 85008

#### AGENDA

Noon – 1:00PM      ARIZONA AFAA BOARD MEETING  
1:00PM – 4:00PM      ELEVATOR AND FIRE ALARM SYSTEM INTERFACE

#### ELEVATOR AND FIRE ALARM SYSTEM INTERFACE

For years, fire alarm systems have been interfaced with elevators to provide control of the elevator in emergency situations. This interface, however, has often been the subject of much debate with shifting and conflicting code requirements through the years. This presentation will discuss the types of elevators and how this changes required emergency interfaces. The applicable code requirements will be discussed in order to determine what fire alarm emergency interfaces should be provided by an owner and designer, as well as the authority having jurisdiction who must approve these important requirements.

This presentation will feature the following learning objectives:

- What types of elevators are there and how does this effect emergency interface requirements?
- What are the various Code requirements that determine elevator emergency interface requirements?
- What are the specific requirements for elevator and fire alarm system interface?

### About the Presenter:

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Larry Rietz is a NICET Level IV-certified Fire Alarm designer with over 23 years of life safety industry experience. After working for a New York-based international engineering firm and for 14 years with a large Fire Alarm manufacturer and service provider, he has spent the last 6 years with Jensen Hughes in Denver, Colorado. While providing office leadership as the Director of the office, he has designed, analyzed, and commissioned several large emergency communication systems for transportation, entertainment, and higher education campuses and is the Project Manager for the Denver International Airport Public Safety Notification Upgrade project. Larry currently serves on the Automatic Fire Alarm Association (AFAA) Board of Directors, Chair of the AFAA Codes and Standards Committee, on the Technical Committee (Principal) for NFPA 1616 *Standard on Mass Evacuation, Sheltering and Reentry*, on the Technical Committee (Alternate) for NFPA 72 Chapter 24 (SIG-ECS), and on the Technical Committee (Alternate) for NFPA 101 – Educational and Day Care Occupancies.

#### PREVIOUS COURSES TAUGHT:

- A User's Guide to Simplifying NFPA 72 and the NEC (AFAA)
- Fire Alarm Plan Review (AFAA)
- Fire Alarm System Inspection and Testing Seminar (AFAA)
- NFPA 72 – Brief Overview (2007, 2010, 2013 editions)
- NFPA 72 – Detailed Review (2010, 2013 editions)
- NFPA 72 – New Edition Changes (2007, 2010, 2013, 2016 editions)
- Anatomy of a Large-Scale Emergency Communication System
- Analysis of Existing Emergency Communication Systems
- Introduction to Smoke Control Concepts
- Understanding Acoustically Distinguishable Spaces (ADS)
- Surviving Survivability – A User's Guide to Survivable Fire Alarm Circuits
- Purposefully Delayed Fire Alarm Notification

#### NOTABLE PUBLICATIONS:

"How to properly integrate fire alarm systems and HVAC systems," *Consulting-Specifying Engineer*, December 2017, Wayne D. Moore & Larry D. Rietz

"Purposefully Delayed Fire Alarm Notification," *Electrical Contractor* ([www.ecmag.com](http://www.ecmag.com)), September 2017