



Session 3C:

Window Sprinklers & Water Curtains – A Deeper Look into Sprinklers in Alternative Applications

Beyond the traditional use of sprinklers to protect life and property, there are other applications that sprinklers can be used for in order to expand what building designers and architects are allowed to do when laying out their buildings. This includes allowing for windows in rated walls without the need for fire-rated glass by utilizing special window sprinklers and enclosing large atriums with glass instead of rated enclosures. This presentation will go a little deeper into exploring the uses for sprinklers in these scenarios and review the history of how they have come to be. We will also have discussions on other possible ways that sprinklers might be used to get created when building fire-safe spaces.

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Melisa Rodriguez is the Vertical Business Development Leader for Storage with Johnson Controls. She is a licensed Fire Protection Professional Engineer with 20 years of experience in the industry and has held various roles including Project Manager, Designer, Lead Fire Protection Engineer, and Senior Business Development Manager. She is also NICET certified Level IV in Water Based Systems Layout. She earned her Bachelor of Mechanical Engineering and MBA from the University of Minnesota located in Minneapolis, MN. Melisa serves as Chair on the MN board of licensure (AELSLAGID), Vice-Chair of the MN Governor's Council for Fire Prevention and Control, a principal member of NFPA 14, 13R/13D and 88A Technical Committees, alternate member of the NFPA 13 Discharge Committee, NFSA Future Leadership Committee Vice-Chair, SFPE Virtual Learning Subcommittee Chair, and President of the MN Chapter Society of Fire Protection Engineers.

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