



Newsletter March 2009

UPCOMING EVENTS:

- March General Meeting – Cool River 7 AM Mar. 18th
- April – Fire Protection Expo, DoubleTree Hotel April 9th
- May General Meeting – Cool River 7 AM May 20th

THIS NEXT MEETING:

Wednesday, March 18th – Cool River 7 AM

Rob Geislinger with South Metro Fire will discuss their association with Parker Fire and Dave Clark will update us on Denver Residential Sprinkler policies

THIS LAST MEETING:

A lively discussion lead by Ted Caviness with help from Rob Sontag and Mark Wassom regarding working in the healthcare and nursing care facilities, both new and existing.

THE 3RD ANNUAL GREAT COLORADO HOSE RELAY

A fantastic time was had by all with The Reliable Sprinkler team headed by Chuck Gallagher taking top honors. John Hulett and Western States once again raised the most \$\$\$ for TCH Burn Camps. Thanks for your support! Loveland Ski Area again outdid themselves with setting up a great course and hauling all the gear up for us. Pictures coming soon on the Loveland website. www.skiloveland.com Still lots of great spring skiing left and they very much deserve your patronage!

2009 FIRE PROTECTION EXPO

Suppliers and manufacturers! Now is the time to secure your booth space for the 2009 CFPA Fire Protection Expo, this year back at the Doubletree Hotel, April 9th. See the latest in Fire Protection products and meet vendors to keep up on the ever changing face of the industry. Again this year, we will offer four training sessions with certificates for attendance. Contact CFPA info@cofireprotection.org for more information.

WEBSITE UPDATE:

Check out www.cofireprotection.org for archived Newsletters, registration forms, and upcoming events.

AHJ CORNER: Courtesy Dave Clark, PE Chief Fire Protection Engineer

(and Hose Relay Participant)

- 1) The location of all FDC's must be field approved prior to installation.
- 2) 1.5 inch hose thread used in connection with standpipe systems is 11.5 threads per inch.
- 3) Main flow switch shall be installed between the Jockey pump and the fire pump.
- 4) Correct design of standpipe / fire pump systems without the use of a main PRV on the pump discharge. The failure modes of a main PRV is a great concern and identified in NFPA 14.
- 5) Correct design on antifreeze systems per NFPA 13 figures. When using an expansion tank design, many times only a check valve is proposed when NFPA 13 required a backflow preventer in 2007 NFPA 13-Figure 7.6.3.2.
- 6) When using a RPZ backflow device, CO State Cross Connection requires drainage in the room to be provided at twice the size of the backflow device. i.e. if a 6" RPZ backflow is provided 12" of floor drain are required. This creates significant issues if not accounted for early in design.
- 7) Test header to allow for forward flow testing (annual) of the backflow device
- 8) Communication between Fire Alarm designers and sprinkler designers; e.g., sprinkler zones and fire alarm zones should be coincident; e.g., high rises (to accurately initiate smoke control), towers above common parking garages, etc.
- 9) Lack of correlation between IBC defined occupancies and the hazard groups in NFPA 13, inaccurate identification of basic building features such as number of stories etc
- 10) Typical issues I see include out of date flow tests, individual risers/flows not specified in townhouses, not extending sprinkler protection to exterior spaces (namely balconies), NFPA 13R specified where NFPA 13 required, separation of overlapping sprinkler densities (or extension of higher protection into areas with lower protection).
- 11) Providing the information, sections & details as laid out in the 2007 NFPA 13 Chapter 22 as it pertains to that design and/or installation.

KNOW YOUR BOARD:

Paul Klatt is President of CFPA this year as well as President of Quality Fire Protection. He spent 20 years working for others in the industry and started Quality in 1995. He feels it is important to be flexible in this business and always ready to change. He enjoys golf as well as skiing and being outdoors when he isn't working.

CFPA Board

Paul Klatt (303-292-9197), Tim Trostel, Jr. (303-383-5021), Darren Mansur (303-761-9989), Joe Tortorici (972-489-6181), Chuck Gallagher (800-821-2138x5092), Terry Phillips (307-514-0405), Roberta Bourn (303-433-4446),