President’s Message....

We are looking forward to the 9th Annual NJSFPE-AFAANJ Symposium to be held Thursday, April 19th at the Hanover Manor in East Hanover, NJ. We have an excellent group of speakers presenting on the latest developments in Fire Protection. We also, have over 20 Fire Protection Companies supporting this effort by exhibiting their products and services. So be sure to sign up today!

At our March 5th Chapter meeting we accepted 2 new members, Jim Dooley with Viking Sprinkler and Ravi Shah of Factory Mutual. We look forward to their attendance at our meetings and events and welcome their contribution toward the advancement of fire protection engineering.

Our speakers on March 5th were Jason Crouch and Jason Barton of Johnson Controls (formerly Tyco Fire Protection Products). The presented the latest fire alarm technology now being offer under the Autocall brand. They also presented the wireless technology now available through their CWSI product line.

Rich Reitberger announced the NJ-NY Metro Education Foundation Golf Outing registration is open. The outing is being held at the NY Country Club in New Hempstead NY on Monday, June 4, 2018.

Dave Kurasz’s report on legislative activity in Trenton included a bill signed by outgoing governor Christie that will require school districts to report to the Division of fire Safety whether and to what extent their schools are protected by fire sprinklers. Dave also said there would be a new effort to pass legislation requiring fire sprinklers in newly constructed one and two family homes.

At our Chapter meeting next month on May 7th, Tracey Bellamy with Telgian Corporation will be speaking about Fire Pump Arc Flash. Register to attend on our website njsfpe.org.

Paul
Chapter President
Hydraulic system nameplates - how often do we see all this information clearly?


Most automatic sprinkler systems designed today are hydraulically calculated — an engineered approach that matches the potential fire hazard to the pressure and volume of the available water supply. The sprinkler plans examiner verifies the hydraulic calculations to ensure that all of the design considerations are met.

To help keep track of the design criteria, NFPA 13 requires that the installing contractor identify hydraulically designed sprinkler systems with a permanently marked weatherproof metal or rigid plastic sign secured with corrosion-resistant wire, chain, or other approved means. The sign must be placed at the alarm valve, dry-pipe valve, preaction valve, or deluge valve supplying the corresponding hydraulically designed area.

According to NFPA 13, the sign must have the following minimum information:

- The location of the design area(s). These are also known as the “hydraulic remote areas” and make up the portion of the building and contents that are most challenging for the sprinkler system to protect. It is important to remember that the hydraulic remote area may not be the area physically most remote from the sprinkler risers.

- The discharge densities over the design area or areas. This is the amount of water that the design criteria specify is needed to control a fire in the hydraulic remote area. This value may come from NFPA 13 or the authority having jurisdiction.

- The required flow and residual pressure demand at the base of the riser.

- Occupancy classification or commodity classification and maximum permitted storage height and configuration.

- Hose stream allowance included in addition to the sprinkler demand.

- The name of the installing contractor.
President Paul McGrath convened the meeting at 6:06 PM with a salute to the flag and customary introductions.

A motion was made and carried to accept the minutes of the last meeting.

A motion was made and carried to accept the January and February treasurer’s reports.

A motion was made and carried to accept the applications of Jim Dooley of Viking and Ravi Shah of FM Global as members of the NJ Chapter.

Rich Reitberger mentioned that we are fully and formally incorporated and now in-line with SFPE International regulations. Our new by-laws were distributed to the board of directors for review and comment and were then given to our attorney. They are now ready to go to the IRS. Form 1023 (Application for Recognition of Exemption under Section 501(c)(3) of the Internal Revenue Code) is being sent to Rich for completion and filing. Plans are to have this completed by April 1.

Registration is open for our April 19 symposium and there are still several opportunities for sponsorship and exhibit registration.

Our speaker for May’s meeting will be Tracey Bellamy with Telgian and the subject will be “Fire Pump Arc Flash.” As part of their seminar series, Orr Protection will be holding a seminar in Rutherford, NJ on April 26.

Applications for sponsor and participant registration for the golf outing were emailed on 2/22/18. The golf outing will be at the NY Country Club in New Hempstead, NY on Monday June 4, 2018.

Dave Kurasz reported that at the end of last legislative session, the governor signed a bill requiring all districts to report whether or not sprinkler system(s) exist in their schools. Plans are to reintroduce legislation regarding the installation of sprinklers in and one and two family dwellings that was not passed in the past. Lastly, there is a big push in the state regarding fire protection and code requirements related to the storage of fireworks.

Ernesto Veg-Janica introduced the members to Robert Orlowski who attended our meeting tonight and is with Stealth Air Corp. www.stealthaircorp.com

Tonight’s speakers were Jason Crouch and Jason Barton of Johnson Controls and they discussed wireless fire alarm systems.

Johnson Controls Autocall brand of fire detection systems combines advanced technology with proven performance to help ensure customers and their facilities are safe every day.

With a full range of control panels and the industry’s latest addressable technology, Autocall systems are flexible enough to meet the unique challenges of nearly any project. Powerful networking capabilities allow Autocall to take on projects ranging in size from a simple office building to complex, multi-facility campuses. The Autocall Truesite Workstation, a PC-based graphical command center, simplifies system monitoring and puts management of your entire system at your fingertips. Its high-resolution graphical display shows the locations of events on both a campus-wide map and individual building floor plans. All key features and functionality of the TrueSite Workstation are available on Apple or Android mobile devices with the Autocall Mobile Client app.

Autocall systems feature some of the latest and most advanced fire detection technology available today. Solutions like revolutionary self-testing, addressable notification appliances can help ensure your system is in peak operating condition while virtually eliminating disruption from notification appliance testing. Compact and highly efficient LED notification appliances meet the latest NFPA requirements and Autocall speakers have the clarity to get the message out during an emergency and play background music during normal operations. Additional information is available at: http://www.johnsoncontrols.com/media-center/news/press-releases/2017/12/05/johnson-controls-launches-autocall-brand-of-fire-detection-systems

The CWSI wireless fire alarm product line offers system versatility like none other. Frequency Hopping Spread Spectrum Technology (FHSS), coupled with Bi-directional RF Communication, Repeater Network Architecture and 200 Second Supervisory Polling, provides for the industry’s most secure and reliable wireless fire alarm network. Additional information is available at: http://www.cwsifire.com/

The meeting was adjourned at 8:10 PM.
As with previous years we will be having our Vendor Trade show throughout the day.

Our speakers and program:

- John Drucker - Fire-Sub-Code Official Borough of Red Bank - NJ's new CO codes
- Frank Savino - United Fire Protection Corp - Sprinkler System Corrosion Systems
- Andy Lynch - Fire Systems Group - Self Expanding Foam Systems
- Ray Reilly - Honeywell - Low frequency Occupant Notification
- Sharron Halpert - Halpert Fire Safety - Fire Stopping

Raffle Prizes following the last speaker.

Please use the link below to register or RSVP

Get more information

Register Now!

I can’t make it

If you have any questions please contact Vicki Serafin vicki.serafin@affiliatedfm.com (973-541-6771, or Jim Loftus, james.loftus@siemens.com (973-590-0048

Thank you for your attention and response. We look forward to seeing them at your event.

Sincerely,

Vicki Serafin

AFAANJ & NJSFPE
vicki.serafin@affiliatedfm.com
973-541-6771
Fire Suppression for Energy Storage Systems and Battery Energy Storage Systems

Stat-X® condensed aerosol fire suppression is a solution for energy storage systems (ESS) and battery energy storage systems (BESS) applications.

Our Stat-X condensed aerosol fire extinguishing product was tested for efficacy in putting out Li-ion battery fires. It was found that the product successfully extinguished single and double cell battery fires. This testing was conducted in parallel with a large battery fire testing program on behalf of a large energy company.

See the testing videos below:
https://www.youtube.com/watch?v=GMSst9dUQzg

Fire test consisting of a 40 amp hour Li Ion (lithium) polymer cell battery fire. The fire was extinguished with a Stat-X condensed aerosol fire suppression generator (model 60E long) and the residual aerosol prevented re-ignition.

Viking

Ordinary Hazard Dry Horizontal Sidewall Sprinklers (K8.0)

Viking Standard Response Ordinary Hazard Dry Horizontal Sidewall Sprinklers are thermosensitive spray sprinklers suitable for use in areas subject to freezing. The sprinklers are designed for dry systems and preaction systems where it is necessary to prevent water or condensation from entering the drop nipple before sprinkler operation. They may also be installed in spaces supplied from a wet system in an adjacent heated area. The large orifice dry sidewall sprinkler allows greater flows at lower pressures than standard orifice sprinklers. The newly designed deflector carries an expanded approval for installation from 4” to 12” below the ceiling, allowing additional flexibility when installing sprinklers near crown moldings or other obstructions.

Technical Details

**K Factor:**
8.0

**Manufacturer:**
Viking

James Goerl Memorial Golf Outing

The SFPE NJ/NY Metro Education Foundation 2018 James Goerl Memorial Golf Outing


When
Monday, June 4, 2018 from 7:00 AM to 5:00 PM EDT
Add to Calendar

Where
New York Country Club
163 Brick Church Rd
New Hampstead, NY 10877

Register to Play Now

Register to Sponsor Now

There are limited foursomes so register now while they are still open!

Sincerely,
Rich Reitberger
SFPE NJ / NY Metro Chapters Education Foundation
873-912-1319
richreit522@gmail.com
Kidde Recalls Dual Sensor Smoke Alarms Due to Risk of Failure to Alert Consumers to a Fire

Name of product:
Kidde dual-sensor (photoelectric and ionization) smoke alarms – models P0810 and P8910

Hazard:
A yellow cap left on during the manufacturing process can cover one of the two smoke sensors and compromise the smoke alarm’s ability to detect smoke, posing a risk of consumers not being alerted to a fire in their home.

Remedy:
Replace

Recall date:
March 21, 2018

Units:
About 452,000 in the U.S. (In addition, about 40,000 were sold in Canada.)

For more information you can go to the following web site:

Safespill Systems  Fire Test Video-IBC Storage Unit

The below link to a video is a recent fire test with a plastic IBC tote filled with 275 gallons of Kerosene (100 degree F flash point).

The full tote is loaded into a Safespill IBC Storage Unit and surrounded by empty IBCs. Empty totes ignite quicker than totes filled with combustible liquids.

A fuse was used to ignite the tote filled with kerosene.

https://safespillsystems.app.box.com/s/2tytwpipnc2pctje85gk1kb3jwg75c8
PACKAGED FIRE BOOSTERS

- CUSTOM PACKAGED FIRE BOOSTERS WITH UL/FM COMPONENTS
- PACKAGED AND TESTED IN THE U.S.A
- SINGLE-SOURCE RESPONSIBILITY

“THE PUMP BOYS”

CULLEN

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FIRE PROTECTION AND LIFE SAFETY
CONSULTANT
Los Angeles – St. Louis – New York City

Company Background

Code Consultants, Inc. (CCI), a privately held and internationally recognized fire protection engineering and life safety consulting firm, is seeking experienced professionals to join our New York City office.

Founded in 1973, CCI is an industry leader, providing a diverse range of crucial fire protection and life safety consultation and design services including but not limited to:

- building and fire code consulting
- life safety consulting
- hazardous materials analysis
- accessibility consulting
- fire sprinkler design
- fire alarm design
- mass notification design
- fire and egress modeling

CCI’s experienced and trained team of over 80 professionals consist of fire protection engineers, architects, civil/mechanical/electrical engineers, code officials and members of the fire service. At CCI we value our team members and continuously strive to provide a great culture, career and personal development opportunities.

As a privately held firm, CCI’s management team is fully responsible for the strategic direction of the firm and successfully manages growth by maintaining a stable organizational structure, consistent professional service products across our offices, and applying objective performance-based compensation.

Role

As a member of the CCI team your responsibilities will include:

- Fire protection and life safety code consultation for a wide variety of projects and clients.
- Fire and egress modeling and developing alternate method concepts.
- Collaborating with CCI team members and clients, and interfacing with Building/Fire Officials.
- Participating in business development initiatives to expand and develop CCI services.
- Participating in the growth and development of your office, and CCI as a whole.

Qualifications

Ideal candidates will possess the following:

- A degree in fire protection engineering or related engineering discipline.
- Knowledge of Building/Fire/NFPA Codes and Standards related to fire protection and life safety.
- Excellent written and verbal communication skills.
- Be motivated by growth opportunities for themselves and CCI.
- Passion for providing the highest level of services to CCI clients.
- Sufficient experience to work autonomously on project related tasks.
- Fundamentals of Engineering (FE) or Professional Engineering (PE) licensure is desirable, but not required.

Compensation

CCI offers an excellent compensation package with an objective performance-based bonus program and benefits (including 401(k) with matching contributions, health, dental, vision, life and disability plans).

Contact

Interested and qualified candidates may send resumes to CCI’s Human Resources Department at HR@CodeConsultants.com.

Code Consultants, Inc. is EOE/Minorities/Females/Vet/Disabled
### Meeting Dates/Programs 2017-2018

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<td>April 19</td>
<td><strong>Chapter Technical Seminar</strong></td>
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<td>May 7</td>
<td><strong>Fire Pump Arc Flash—Tracey Bellamy, Telgian</strong></td>
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<td>June 4</td>
<td><strong>NJ-NY Metro Education Golf Outing</strong></td>
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<tr>
<td>June 18</td>
<td><strong>Dave Barber, Principal Engr, Arup—Topic: “Tall Wood Buildings”. Annual Chapter meeting and election of officers.</strong></td>
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**Metro Fire & Communications**

Leaders in Fire Safety Technology

(973) 429-4846

430 BROAD ST. BLOOMFIELD, NJ 07003

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**SLICER & ASSOCIATES**

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Office 508-945-5074
West Chatham, MA 02669-1647

Mobile 973-493-0369

VM & Fax 866-395-6172

Member - SFPE & NFPA

sargeslicer@gmail.com

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**CITY FIRE EQUIPMENT CO., INC.**

333 Ridgefield Ave.
East Hanover, NJ 07936

Phone: (973) 980-1320 ext 204
Fax: (973) 781-1998

paul@cityfire.com

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**DAVID KURASZ**

Executive Director

127 Route 206, Suite 1, Hamilton, NJ 08610

Phone: 866-226-6660
Fax: 800-585-9336

David.Kurasz@njfsa.org
HELPFUL LINKS

ADAAG  http://www.access-board.gov/adaag/about/index.htm
AFAA National  http://www.afaa.org/
AFSA  http://www.firesprinkler.org/
ANSI  http://web.ansi.org/
ASHRAE  http://www.ashrae.org/
Campus-Firewatch  http://www.campus-firewatch.com/
Coffee Break Training  http://www.usfa.dhs.gov/efa/coffee-break/
CPSC  http://www.cpsc.gov/
CSAA  http://www.csaa.org/
Municipal Codes (E Codes)  http://www.generalcode.com/Webcode2.html
FM Global  http://www.fmglobal.com/
FSDANY  http://www.fsdayn.org/regs.htm
FSI  http://www.firesprinklerinitiative.org/
FSSA  http://www.fssa.net/
FireTech Productions—Nicet Training (FTP)  http://www.freetech.com/
Home Fire Spklr Coalition  http://www.homefiresprinkler.org/
AFAA-NJ  http://www.afaanj.org/
National of Fire Equipment Distributors (NAFED) -  http://www.nafed.org/index.cfm

2017-2018 Chapter
Committees

STANDING COMMITTEES

Program  Mike Newman
Arrangements  Vicki Serafin, Chairperson
Membership  Paul McGrath, Chairman
Nominating  Marvin Maradiaga
Jim Burge
Auditing  Vanessa Gallagher, Chairman
Rich Reitberger
Archivist/Historian  Jim Tolos, Vicki & Nicole
Speakers Gifts  Rich Reitberger
Communications  Fusible Link—Brad Hart
Ana Cristostomo—Coordinator
Communications-Other  Paul McGrath
Mike Newman
Mailing/Automation/e-mail—Vicki Serafin, Chairperson
Webmaster—Mike Newman & Paul McGrath

SPECIAL COMMITTEES

Spring Seminar  Ed Armm—Chairman
Dave Kurasz—Sprinkler Speakers Coordinator
Jim Loius—Alarm Speakers Coordinator
Paul McGrath—Vendor Coordinator
Btfwvs  Jim Tolos, Chairman
Joe Janiga
John Antola
Career Recruitment  Tim Costello, Chairman
Donna Spano
Marios Michaelides
Chapter Excellence Awards  Ernesto Vega Janica
PE Examination  Donna Spano
Chapter Seminar/Field Trip  Richard Reitberger, Chairman
Ed Armm, CoChairman
Dave Gluckman
Nathan Gonye
Legislative  Rich Reitberger, Chairman
Jerry Novis
Dave Kurasz
Finance  Rich Reitberger, Chairperson
Vanessa Gallagher
C Patel

Fusible Link-Newsletter Advertisement - 2017-2018

Name: _______________________________________

Company: __________________________ Phone Number: __________________________

Email Address: _______________________________________

Membership Renewal Fee  (CIRCLE ONE)

Business Card …………………….. $ 100
1/4 Page …………………………. $ 250
1/2 Page …………………………. $ 500
Full Page …………………………. $ 1,000

Payment:
- To pay by Credit Card click here:  Pay On Line Here
- To pay by mail make your check out to “NJ Chapter/SFPE” and send along with this Form to:

Vicki Lynn Serafin - Membership
C/O NJ Chapter SFPE
P.O. Box 8268
Piney Point, NY 11734-1196

*Please send your Scanned Business Card or Artwork to the following e-mail addresses:

Vicki.Serafin@affiliatedfin.com  &  richreit522@gmail.com

Any questions call Vicki at  973-341-6771

Thank you for your continued support!