President’s Message....

The up coming April 3rd Chapter meeting will be a milestone for our organization. It is our 40th Anniversary! The Chapter was Chartered by SFPE on April 1, 1977. The Chapter has been involved with forty years of providing the fire protection community with presentations, seminars, speakers and general support for the business we are all in providing fire safety awareness, engineering, design and equipment installations. Come on out and celebrate with your industry peers and fellow members, forty years of continued success serving the community at large. Hint: As we always do on key anniversary dates, those who attend the April meeting will receive a free 40th Anniversary gift marking the occasion.

Our March speaker was Tim Costello of Jensen Hughes who gave a great presentation on the new NFPA standard covering Building Fire and Life Safety Directors. Our April Speaker is Karl Wiegand and Dan DeDominic from Globe Fire Sprinkler Co. who will speak on Sprinkler Coverage for Combustible Interstitial Spaces. Recent fires at new construction of condominium and apartment buildings involving combustible spaces make this presentation very timely. You don't want to miss this one.

Our joint Technical Symposium and Trade Show is coming up fast - May 18th at the Hanover Manor. Details are on the web site and inside this Fusible Link. Sign up now and stay informed on the latest technology on detection and protection systems. Stay current and be active in our profession. See you all April 3rd.

Rich Reitberger,
Chapter President
President Rich Reitberger convened the meeting at 6:00 PM at the Hanover Manor in East Hanover, NJ with the customary salute to the flag and attendee introduction.

The meeting minutes for February were reviewed and accepted.

The December, January and February Treasurer Reports were not voted on since they were not approved during the Executive meeting.

Rich gave an update on the NJSFPE-AFAANJ 8th Annual Symposium. Which will be held at the Hanover Manor on May 18, 2017.

The speakers will include:

- **Mike Ventola**- Business Development Manager for Space Age Electronics. Smoke Control Systems
- **Al Thornton**- Global Business Market Manager for The Chemours Company. Clean Agent Suppression, Regulations, Montreal Protocol and new agent developments

The main fund raiser for the NJ/NY Metro SFPE Education Foundation is the annual golf outing which will be held at the New York Country Club on June 12.

The Chapter received an application for Chapter supporter from Tyler Lambert; a recent graduate from Oklahoma State University, and a recipient of the *James R. O’Neil/W. Robert Powers Joint Scholarship*. Ed Armm made a motion to accept the application and the Chapter voted in accepting the application. A congratulations and welcome goes out to Tyler.

Tim Costello, PE, of Jensen Hughes, Inc. presented **An Update on NFPA 1082, Building Fire and Life Safety Directors**. NFPA has formed a new Technical Committee which will have primary responsibility for documents related to the duties, requirements, competencies and professional qualifications required of Building Fire and Life Safety Directors. This committee was created based on several incidents where responders had a no real point of contact when arriving and assessing a situation. This committee will also have primary responsibility for the establishment of minimum requirements for emergency action plans addressing all-hazard emergencies within occupied structures having an occupant load of greater than 500; with industrial and manufacturing facilities excluded.

The draft Standard identifies the minimum job performance requirements (JPRs) for building fire and life safety directors. Tim went through the proposed JPRs in detail and broke the discussion down into four categories; Administration, Planning, Training, and Recovery.

The purpose of this standard shall be to ensure that persons meeting the requirements of this standard who are engaged in building fire and life safety planning, training and implementation are qualified.

The challenges the committee have uncovered so far is the applicability of the standard. The hopes are it will be adopted directly by the AHJ, similar to Jersey City code of ordinance. Other questions arose on how to implement this in smaller jurisdictions. The concern being the upfront resource allocation of the AHJ to develop and implement a qualification, certification, and continued implementation process.

The preliminary draft Standard will be forwarded to the Standards Council at their April 2017 with the intent on having the standard put into the 2019 Revision Cycle.

**About the Presenter**

Timothy R. Costello, PE, is a Director with 19 years of experience providing the analysis, review, design and specification, and commissioning of building fire safety systems. He has an extensive background in the analysis and application of New York City, New York State, New Jersey, Connecticut and the International Building and Fire Codes. Mr. Costello is also experienced in fire safety and emergency preparedness planning, the developing variances and equivalencies, and is regularly engaged to assist clients in obtaining approvals from from New York City authorities on fire safety issues and projects. Mr. Costello served on the New York City Model Code Program’s Fire Protection Technical Committee as the Standpipe Systems Subcommittee Chairman for the 2008 Building Code and again as a member of the Fire Protection Systems Technical Committee for the 2014 Building Code. He is a member of NFPA Technical Committees on NFPA 13 Sprinkler System Discharge Criteria and NFPA 1620 Pre-Incident Planning. Mr. Costello has provided numerous seminars on fire protection and life safety topics for architects, building owners and managers.

Rich Reitberger called the meeting to a close at 8:02 PM.
NJSFPE-AFAANJ 8th Annual Symposium Vendor Registration

When
Thursday May 18, 2017 from 7:30 AM to 4:00 PM EDT
Add to Calendar

Where
The Hanover Manor
16 Eagle Rock Ave
East Hanover, NJ 07936

Our speakers and program:

- Mike Ventola - Business Development Manager for Space Age Electronics. Smoke Control Systems

Register Now! Click Here
Job Openings at Verisk Analytics

Are you an experienced Risk Control professional with proven ability working in a fast-paced environment? Are you looking to utilize your knowledge in fire protection systems, building construction, loss control, and related discipline providing risk analysis, development of policies and practices, conduct research among others? Do you like working in a collaborative environment? If you are looking to further your career in this field, we'd like to hear from you.

At Verisk, you can have a rewarding career with challenging and meaningful work, the chance to make a positive impact on the business, and find the support, coaching, and training it takes to advance your career. Our commitment to individual choice lets you customize aspects of your career path, your educational opportunities. And our culture of innovation means your ideas on how to improve our business efforts will be heard. As key contributors to our success, our team members enjoy working in a business casual, collaborative environment that offers state-of-the-art resources, advanced technologies, and an excellent benefits package.

As Risk Control Engineer, you will be responsible for:

- Providing technical support and guidance for the development of new and enhanced products
- Providing support in the development of loss control policies and practices and assisting in the maintenance of associated technical resources
- Conducting research to discover methods, techniques, and/or sources of information related to fire ignition, and sustainment and extinguishment. Researches complex problems, and analyses various related approaches and implements the most effective solutions
- Maintaining awareness of emerging issues from a technical and product development perspective
- Analyzing and/or identifying underlying principles, reasons, or facts associated with information or data to draw conclusions using engineering knowledge and logic
- Working closely and effectively with the following key stakeholders: representatives from the property/casualty industry, municipal leaders, code officials, architects and engineers, governmental representatives, fire service personnel, and ISO staff members
- Preparing and presenting clear written and oral communications to external and internal audiences on technical issues

Requirements:

- 5 years or more experience in risk control with knowledge of the evaluation/design of fire protection systems, fundamentals of building construction and related resistance to fire and natural perils (wind, EQ, flood, etc.)
- Degree in fire protection or mechanical or civil engineering with some financial and accounting knowledge
- Professional Engineer (P.E.) designation, desirable.
- Working knowledge or familiarization with national building codes and standards (ICC), knowledge and understanding of fire and life safety codes including NFPA and other national industry standards (FM), and OSHA
- Working knowledge of the basic processes of fire behavior, prediction of fire department, combustion of materials, effects on and performance of structures in a fire
- Knowledge related to the principles of fire water supply and hydraulic analysis with the ability to predict needed fire flows, with knowledge of emergency response and fire service standards and procedures
- Strong foundation in fire dynamics with knowledge of principles, methods, and practices of modern fire prevention, fire protection engineering, fire suppression activities, and new construction technology including fire protection and detection systems
- Knowledge of risk analysis techniques including predictive and analytic procedures for the assessment of hazards and probabilities with statistical analytic ability
- Experience in risk control concepts related to property insurance, workers compensation and liability issues

We are offering an excellent compensation package that includes short-term cash incentive. Our benefits package is competitive and includes full health care options, a 401(k) plan, and a generous Paid-Time-Off program.

If this opportunity looks exciting and challenging to you, please click below link to apply.


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Explosion and Fire at Williams Olefins Plant, Geismar, Louisiana June 13, 2013
The Chemical Safety Board has released their investigation report on this massive explosion last Oct. The full report can be accessed at the following URL:

CSB Releases New Safety Video Detailing Investigation into 2013 Fatal Fire and Explosion at the Williams Olefins Plant in Geismar, LA

January 25, 2017, Washington, DC – Today the U.S. Chemical Safety Board (CSB) released a safety video of its investigation of the June 13, 2013 explosion and fire at the Williams Olefins Plant in Geismar, Louisiana, which killed two workers and injured an additional 187. The deadly explosion and fire occurred when a heat exchanger containing flammable liquid propane violently ruptured.

The CSB’s newly released 12-minute safety video entitled, “Blocked In,” includes a 3D animation of the explosion and fire as well as interviews with CSB investigator Lauren Grim and Chairperson Vanessa Allen Sutherland. The video is based on the CSB’s case study on the Williams incident and can be viewed on the CSB’s website and YouTube.

Chairperson Sutherland said, “Our investigation on the explosion at Williams describes an ineffective process safety management program at the plant at the time of the incident. We urge other companies to incorporate our recommendations at their facilities and to assess the state of their cultures to promote safety at all organizational levels to prevent a similar accident.”

The CSB’s investigation found many process safety management program deficiencies at Williams, which set the stage for the incident. In particular, the CSB found that the heat exchanger that failed was completely isolated from its pressure relief valve.

In the video, Investigator Lauren Grim said, “When evaluating overpressure protection requirements for heat exchangers, engineers must think about how to manage potential scenarios, including unintentional hazards. In this case, simply having a pressure relief valve available could have prevented the explosion.”

The CSB investigation concluded that in the twelve years leading to the incident, a series of process safety management program deficiencies caused the heat exchanger to be unprotected from overpressure. As revealed in the investigation, during that time Management of Change Reviews, Pre-Startup Safety Reviews, and Process Hazard Analyses all failed to effectively identify and control the hazard. In addition, the CSB found that Williams failed to develop a written procedure for activities performed on the day of the incident, nor did the company have a routine maintenance schedule to prevent the operational heat exchanger from needing to be shut down for cleaning.

Finally, the video describes CSB’s recommendations made to the Williams Geismar plant which encourages similar companies to review and incorporate into their own facilities. These include:
- Conduct safety culture assessments that involve workforce participation, and communicate the results in reports that recommend specific actions to address safety culture weaknesses
- Develop a robust safety indicators tracking program that uses the data identified to drive continual safety improvement
- And perform comprehensive process safety program assessments to thoroughly evaluate the effectiveness of the facility’s process safety programs.

“Managers must implement and then monitor safety programs and encourage a strong culture of safety to protect workers and the environment,” Chairperson Vanessa Allen Sutherland said.

The CSB is an independent federal agency charged with investigating serious chemical accidents. CSB investigations examine all aspects of chemical accidents, including physical causes such as equipment failure as well as inadequacies in regulations, industry standards, and safety management systems. The Board does not issue citations or fines but makes safety recommendations to companies, industry organizations, labor groups, and regulatory agencies such as OSHA and EPA. Please visit our website, www.csb.gov.

For more information, contact Communications Manager Hilary Cohen at public@csb.gov or by phone at 202.446.8065
SFPE NJ / NY Metro Chapters Education Foundation Golf Outing - June 12, 2017

Mark your calendars to hold June 12th for the SFPE joint chapter Education foundation golf outing to be held at the New York Country Club in New Hempstead, NY. Additional details can be found on the three flyers in this edition.

SFPE NJ / NY METRO EDUCATION FOUNDATION SCHOLARSHIP PROGRAM

WHEN: Monday June 12th 2017
WHERE: New York Country Club
        103 Brick Church Road
        New Hempstead, NY 10977
GAME: 4 Player Scramble
FEATURES INCLUDED: Beautiful Semi-Private Country Club
                   Enhanced Food & Beverage Catering
                   Practice Green Putting Contest
                   Driving Range Practice
                   Putting Green / Short Game Practice
                   Plush Locker Rooms
                   Bag Drop Service
                   Large Indoor Dining Facility
PRIZES: Special Hole In One Prize
        Deluxe Door Prizes & Product Raffles
        Low Score Prize
        Closest to Pin Prize
        Longest Drive Prize

Golf Registration—Click Here

Sponsor Registration - Click Here
The James Goerl Memorial Golf Outing

SFPE NJ / NY Metro Education Foundation Scholarship Program

Payment:
NAME: ______________________
ADDRESS: ______________________
CITY: ______ STATE: _____ ZIP: ______
EMAIL: ______________________
AMOUNT ENCLOSED: $_____ 

Please Make Checks Payable To: “SFPE NJ/NY Metro Chapter Education Foundation”

MAIL form including payment TO:
SFPE NJ Chapter
P.O BOX 8268
Parsippany, NJ 07054

Questions? email us.
Rich Retberger
Richret522@gmail.com

WHEN: Monday June 12th 2017
WHERE: New York Country Club
103 Brick Church Road
New Hempstead, NY 10977
REGISTRATION:
Before June 1st: $145 Per Golfer
After June 1st: $175 Per Golfer
LIMITED TO THE FIRST 144 GOLFERS!
SCHEDULE:
7:00am: Registration & Continental Breakfast
8:30am: Shotgun Start
1:30pm (Approx.): Awards/Luncheon

NAME COMPANY CONTACT

P: ______________________ M: ______________________ E: ______________________

CART 1

CART 2

CART 2
# SFPE NJ / NY METRO EDUCATION FOUNDATION SCHOLARSHIP PROGRAM

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Please Make Checks Payable To:
“SFPE NJ/NY Metro Chapter Education Foundation”

**Date:** Monday June 12th 2017

**Sponsorship:**

- **Green/ Tee Sponsor:** $250
- **Golf Cart Sponsor:** $500
- **Hospitality Cart Sponsor:** $1,000
- **Registration Sponsor:** $500
- **Breakfast Sponsor:** $1,000
- **Driving Range Sponsor:** $500
- **Cigar Sponsor:** $500
- **Putting Green Sponsor:** $500
- **Barbeque Lunch Sponsor:** $2,000
- **Foundation Sponsor:** $200
- **Student Sponsor:** $100
- **Student Supporter:** $50

Please contact Rich Reitberger for Specialty Sponsorship
Richreit522@gmail.com

**Benefits for Sponsors:**

- Festival emailing of sponsor names
- Sponsorship sign on tees & greens throughout facility
- Sponsors listed on event brochure to all participants
- Sponsors announced during catered luncheon
- Includes large sponsor sign
- Follow-up mailing/email after event to participants

**MAIL form including payment TO**

SFPE NJ CHAPTER
P.O BOX 8268
PARSIPPANY, NJ 07054

QUESTIONS? email us: Rich Reitberger Richreit522@gmail.com
MEETING NOTICE
NJ Chapter SFPE

Date: April 3, 2017

Place: Hanover Manor
16 Eagle Rock Avenue
East Hanover, NJ 07936

Price: $30.00

Time: Gathering starts at 5 PM, meeting starts at 6 PM

Topic: Sprinkler Coverage for Combustible Interstitial Spaces, Karl Wiegand
and Dan DeDominic, Globe Fire Sprinkler Co.

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Canariis@CullenCompany.com
Meeting Dates

April 3 - Sprinkler Coverage for Combustible Interstitial Spaces, Karl Wiegand and Dan DeDominic, Globe Fire Sprinkler Co.

May 18 - Annual Technical Symposium, Hanover Manor

June 4-7 - NFPA Conference, Boston, MA

June 12 - NJ NY Metro Chapters Foundation Golf Outing
  New York Country Club

June 19 - Annual Chapter Meeting
### 2016-2017 Chapter Committees

#### Standing Committees
- **Program**
  - Mike Newman
- **Arrangements**
  - Vidi Serafin, Chairperson
- **Membership**
  - Paul McGurath, Chairman
- **Nominating**
  - Joe Janiga, Chairman (PP)
  - Chris Vitale
  - John Antola, Jr.
- **Auditing**
  - Vanessa Gallagher, Chairman
  - Rich Reitberger
- **Archivist/Historian**
  - Jim Tolos, Vicki & Nicole
- **Speakers Gifts**
  - Rich Reitberger
- **Communications**
  - Fusible Link—Brad Hart
  - Isahair0743@yahoo.com
  - Ana Cristoismo—Coordinator
- **Communications-Other**
  - Paul McGurath
  - Mike Newman
- **Mailing/Automation/e-mail—Vidi Serafin, Chairperson**
  - Webmaster—Mike Newman & Paul McGurath

#### Special Committees
- **Spring Seminar**
  - Ed Armes—Chairman
  - Dave Kurass—Sprinkler Speakers Coordinator
  - Jim Loftus—Alarm Speakers Coordinator
  - Paul McGurath—Vendor Coordinator
- **Physics**
  - 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 Armes, Co-Chairman
  - Dave Gluckman
  - Nathan Gorey
- **Legislature**
  - Rich Reitberger, Chairman
  - Jerry Nayba
  - Dave Kurass
- **Finance**
  - Rich Reitberger—Chairman
  - Vanessa Gallagher
  - C. Patel

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Vicki.serafin@affiliatedfm.com
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/nfa/coffee-break/
CPSC http://wwwcpsc.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.fsdany.org/regs.htm
FSI http://www.firesprinklerinitiative.org/
FSSA http://www.fssa.net/
Fire Tech Productions—Nicet Training (FTP) http://www.firetech.com/
Home Fire Spkdr Coalition http://www.homefiresprinkler.org/
AFAA-NJ http://www.aaaanj.org/
National of Fire Equipment Distributors (NAFED) - http://www.nafed.org/index.cfm