



Editor *Fusible Link*  
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# Society of Fire Protection Engineers

## New Jersey Chapter

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## FUSIBLE LINK

JUNE 2013

### President's Message...

This is my last article as President of the NJSFPE and closes two years of my taking the helm. I have been honored to serve you and look forward to continued service as Immediate Past President. When I was elected one of my goals was to increase membership, which I did, however, my main goal, to increase participation and meeting attendance, was an abysmal failure. This is YOUR organization; it is a living entity and as such needs care. The SFPE is one of the very few organizations that support fire detection, suppression and life safety through our participation at NFPA and the ICC. Without your support and participation the industry that supports you is in danger. Members of the board of directors of the NJSFPE have fought in Trenton over state issues, without our membership's support this can't continue.

I want to thank those that attended our symposium. We had 25 vendors and around 75 attendees. We held a drawing for a large screen TV which was won by Walt Boychick, congratulations to Walt. I noticed that many of those that took advantage of the bus trip to FM's test facility did not attend the symposium; the money we make on the symposium underwrites the cost of the bus on our field trips.

I especially wish to thank the vendors who with their continued support allow us to keep the cost of the symposium low. Omitted from the sign was Honeywell, FireFlex, and Kistler O'Brien. The list of vendors is posted elsewhere in this edition of the *Fusible Link*. Please support our vendors every chance you have.

I finally and most graciously want to thank our fantastic speakers. We had general morning presentations by Stan Slonski, SET of United Fire Protection covering clean agents and Bruce Fraser, SET of Fraser Fire Protection Services tying NFPA 13 and 72 to ANSI 17.1A. In the afternoon we split into two groups. The fire alarm group enjoyed John Drucker, Assistant Construction Official, and Fire Protection Subcode Official for the Borough of Red Bank. John explained the current and anticipated new NJ Codes and modifications to Reference Standards. On the suppression side there were two presentations. The first was by our own Joe Janiga, PE, FSPFE with Matt Daelhousen both of FM Global. They explained FM Data Sheet 5-23 concerning 'Emergency and Standby Power Systems'. The final suppression presentation was by Ken Isman, PE, FSPFE of the NFSA. Ken's topic was 'Antifreeze use in Automatic Fire Sprinklers'. Please contact a member of your board of directors if there are topics you would like covered at next year's symposium.

In closing I thank you for allowing me to lead the NJSFPE these past two years and I beg you to come out to meetings, attend our symposium and field trips and communicate with your board of directors with any suggestions to improve content of our meeting presentations prior to our August planning meeting.

Yours in Live Safety,

Edward Armm, SET

# Minutes of the SFPE - NJ Chapter Meeting

## May 6, 2013

President Ed Armm convened the meeting at 7:00 PM at the East Hanover Fire Department, E. Hanover, NJ with a salute to the flag and the customary introductions. There were 20 attendees.

There were no minutes from the March, 2013 meeting.

Glenn Buser presented the Treasurer's Report of March-April, 2013. A motion to accept the report was made and approved.

There was one new member –

Steve Swan of Respumps - applying as a chapter supporter. His membership was approved by the chapter.

The list of nominees for chapter office has been published in the Fusible Link and elections will be held at the June, 2013 chapter meeting.

The golf outing is scheduled for June 17<sup>th</sup> at the West Point Golf Course.

Ed Armm commented on the recently held symposium. He

mentioned there were 75 attendees and that the vendors were satisfied.

The speaker for the June 3<sup>rd</sup> chapter meeting is being finalized. The meeting was adjourned at 7:10 PM.

After the meeting was adjourned, there was a presentation on various types of fire protection sprinkler systems given by Reliable Sprinkler as well as a burn demonstration by the NJ Fire Sprinkler Advisory Board.

### 2013-2014 New Jersey Chapter SFPE Nomination for Officers and Directors

In compliance with the Nomination Section of the Constitution and By-Laws of the New Jersey Chapter of the Society of Fire Protection Engineers, the Nominating Committee submits the following slate of Officers and Directors. The election will be conducted at the Annual Business Meeting, scheduled for Monday, June 3, 2013 at the Hanover Manor.

President Joe Janiga  
 First VP Dave Gluckman  
 Second VP Paul McGrath  
 Secretary Mike Newman  
 Asst. Secretary Brad Hart  
 Treasurer Glenn Buser  
 Asst. Treasurer Nate Gorey  
 Board of Directors (2-year term)  
 John Stoppi (first year of first term)  
 Chris Vitale (first year of first term)  
 Ernesto Vega (first year of first term)

Chapter member Robert Murray will be entering the second year of his first term as Director.

Ed Armm will be Immediate Past President, a voting member of the Board of Directors and Chair of the Nominating Committee.

The Nominating Committee and the Board of Directors welcomes volunteers to serve in leadership capacities within the organization including Committee activities and the Board itself. Any member with a desire to run as a candidate for Chapter Officer or Director is encouraged to do so. They must contact the Chapter Secretary, Mike Newman at [mnewman@its.nj.com](mailto:mnewman@its.nj.com) at least four weeks prior to the Annual Business Meeting. In accordance with the New Jersey Chapter By-Laws, candidates must submit the signatures of five voting members of the New Jersey Chapter SFPE along with their letter of intention to run for any of the above positions. According to the calendar, the deadline is Monday, May 6, 2013.



Society of Fire Protection Engineers

**New York Metropolitan & New Jersey Chapters**

**Annual Golf Outing  
Monday June 17, 2013  
West Point Golf Course  
West Point, NY**

**For the Benefit of the Joint Scholarship Fund**

**Outing Highlights Include:**

Limited Openings to the First 144 Player Reservations – No Exceptions  
**9 AM Continental Breakfast & Registration – 10 AM Shotgun Start**  
 Greens Fees & Cart Included – Four Player Scramble Format  
 BBQ Buffet following Play – Performance & Door Prizes

**\$135.00 per Player / \$ 50.00 to Attend Luncheon Only  
 (\$150.00 Player Fee if Payment received after June 1<sup>st</sup>)**

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 Vicki Serafin  
 PO Box 8268  
 Parsippany, NJ 07054  
 973-541-6771



Society of Fire Protection Engineers

# New York Metropolitan & New Jersey Chapters

## TOURNAMENT SPONSORSHIPS

### Monday June 17, 2013

TO BE A PART OF A WORTHWHILE PROGRAM OF PROVIDING SCHOLARSHIPS TO DESERVING FIRE PROTECTION STUDENTS

**GREEN / TEE SPONSORSHIP     \$ 200.00**

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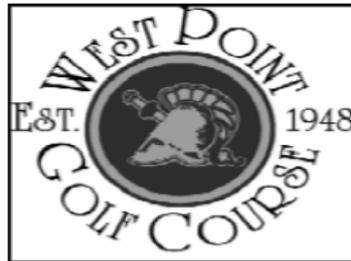
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Society of Fire Protection Engineers

## New York Metropolitan & New Jersey Chapters



### Location:

West Point Golf Course  
Building 1230  
West Point, NY 10996  
845-938-2435

## Monday June 17, 2013

9 AM Continental Breakfast & Registration – 10 AM Shotgun Start

### Directions:

Palisades Parkway North to the Bear Mountain Bridge Traffic Circle. Go three quarters of the way around the circle and take 9W toward West Point. Go 5.5 miles and take the Rte. 218 / Rte. 293 / Rte. 6 exit. (Note: You will go under a golf cart bridge just before the exit.) You can see the golf course on the right off of 9W. Exit right off the ramp into the parking lot.

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## Summary of Two Seminar Topics at the Chapter's Symposium of April 26

Matt Daelhousen and Joe Janiga spoke about FM Global's new Data Sheet 5-23 on arranging and protecting oil fired emergency and standby generator systems. They discussed what FM Global considers the major sections of these systems, the places and ways fuel oil might leak and develop into a fire and gave some examples and rules of thumb about the size of spills and sometimes resultant fires. They also showed a fire demonstration of a diesel oil fire of a day tank spill into a containment pan. The test showed that under a 20 ft ceiling sprinklers capable of providing .30 gpm/sq ft discharge had no appreciable effect on the spill fire although they do provide the benefit of helping to keep the building temperatures from climbing due to the fire exposure. As a result FM Global recommends fire resistive construction, sprinkler protection, containment for spills (such as curbing and diked vaults) and floor drainage (or foam sprinklers which can extinguish a pool fire). They also recommend leak and fire detection interlocked with safety devices to stop or limit the flow of leaks to reduce the fire exposure.

Finally they showed a series of large pan fire tests of heptane under a 30 ft ceiling with 1- sprinklers, 2- AFFF foam water sprinklers and 3- CAF protection with backup sprinklers. It was clear that ceiling sprinklers were not capable of suppressing or controlling the fire, which burned itself out, while both foam options actually extinguished the fires within several minutes.

Data Sheet 5-23 is available to the public at [www.fmglobal.com/datasheets](http://www.fmglobal.com/datasheets), it requires a simple registration.

Kenneth Isman of NFSA gave us an update on the use of antifreeze in sprinkler systems. For about a decade our industry had noticed that there have been occasional fire accidents where the operation of an antifreeze type sprinkler system has added to the fire/damage, sometimes with evidence of increased pressures having occurred. There have been several sets of tests, conducted by various organizations and several sets of TIAs and TIA revisions and updates to NFPA 13, 13R, 13D and 25. Ken's handouts provided a bulleted overview of the latest advice from each of the standards as well as NJ-DCA Bulletin 11-3. They are too detailed to thoroughly discuss here but broadly speaking the use of propylene glycol and glycerin in sprinkler systems is being restricted (concentrations) or subject to more scrutiny or prohibited. In some cases of existing systems where it is not currently prohibited dates have been established for a phase out.

More information about antifreeze is available on NFPA's web site.



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## MEETING NOTICE

**Date:** June 3, 2013

**Place:** East Hanover Fire House  
323 Ridgedale Avenue  
East Hanover, NJ.

**Price:** \$30.00

**Dinner:** 5:00-6:00 (Cash bar for mixed drinks)  
Dinner at 6 PM

**Topic:** Role of the FPE in Fire and Loss Investigations

**Speaker:** Jerry Naylis, Technical Fire Services—Jerry will discuss various case studies and recent fire incidents

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PLEASE COMPLETE AND RETURN WITH YOUR CHECK PAYABLE TO "SFPE NJ CHAPTER" TO:

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## 2011-2012 CHAPTER COMMITTEES

### STANDING COMMITTEES

#### Program

Ed Armm, Chairman  
Consulting - Rich Reitberger  
Paul McGrath

#### Arrangements

Vicki Serafin, Chairperson

#### Membership

Rich Reitberger, Chairman

#### Nominating

Dave Gluckman, Chairman  
Glenn Dietz  
Chuck Gandy

#### Scholarship Fund

Chuck Gandy, Chairman  
Ed Armm  
Mike Machette  
Alternates: Rich Reitberger, Jim Tolos

#### Auditing

Joe Janiga, Chairman

#### Archivist

Rich Reitberger, Chairman  
Nicole Smith

#### Historian

Jim Tolos

#### Communications

Fusible Link—Brad Hart  
Ana Crisostomo—Coordinator  
Mailing/Automation/e-mail—Vicki Serafin, Chairperson  
Webmaster—Todd Vazquez

### SPECIAL COMMITTEES

#### Bylaws

Jim Tolos, Chairman  
Joe Janiga - Co-Chairman

#### Career Recruitment

Rich Reitberger, Chairman  
Marios Michaelides  
Donna Spano  
John Stoppi

#### Golf Outing

Richard Reitberger, Chairman  
Joe Janiga

#### Awards

Rich Reitberger, Chairman

#### PE Examination

Joe Janiga  
Mike Newman  
Chuck Gandy

#### Chapter Seminar/Field Trip

Richard Reitberger, Chairman  
Ed Armm, CoChairman  
Dave Gluckman  
Joe Janiga

#### Legislative

Rich Reitberger, Chairman  
Jerry Naylis  
Dave Kurasz

#### Finance

Rich Reitberger - Chairman  
Bob Murray  
Glenn Buser

### HELPFUL LINKS

**ADAAG** <http://www.access-board.gov/adaag/about/index.htm>

**AFAA National** <http://www.affaa.org/>

**AFAA** <http://www.afaa.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://www.cpsc.gov/>

**CSAA** <http://www.csaaul.org/>

**Municipal Codes (E Codes)** <http://www.generalcode.com/Webcode2.html>

**FDNY** <http://nyc.gov/html/fdny/html/home2.shtml>

**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 Spklr Coalition** <http://www.homefiresprinkler.org/>

**HVAC Bld. Control Fire Safety** <http://www.iklimnet.com/hotelfires/hotelfiresmain.html>

**AFAA-NJ** <http://www.affaanj.org/>

**International Code Council** - <http://www.iccsafe.org/>

**International Code Council Residential Sprinkler Exam** - [http://www.iccsafe.org/news/nr/2009/0709\\_ResidentialSprinklerExam.pdf](http://www.iccsafe.org/news/nr/2009/0709_ResidentialSprinklerExam.pdf)

**The Joint Commission (JCAHO)** - <http://www.jointcommission.org/www.JointCommission.org/>

**Material safety data Sheets (MSDS-OSHA Site)** - <http://www.osha.gov/SLTC/hazardcommunications/index.html>

**National of Fire Equipment Distributors (NAFED)** - <http://www.nafed.org/index.cfm>

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