Society of Fire Protection Engineers
New Jersey Chapter

FUSIBLE LINK

APRIL 2014

President’s Message...

Hello Folks,

Thanks to Rich Leenijes of FM Global who was our speaker for the March meeting. Rich had been scheduled to speak at the February meeting which was cancelled due to (ahem) snow and then graciously consented to step in for March’s scheduled speaker who couldn’t make it here due to (ahem) snow. Rich spoke to us about mayor Bloomberg’s ‘Resiliency’ task force following Superstorm Sandy. He mentioned many issues about hardening buildings to maintain and minimize disruption to fire protection and essential services in the face of flood, windstorm and catastrophe.

The first announcements of our 2014 technical seminar are circulating around the internet as I write this message. Thanks to Ed Armm, and his helpers, once again, for all their hard work. Please plan to join us at the Hanover Manor on Thursday April 17. There will be plenty of useful material to learn from knowledgeable and interesting speakers, helpful vendors to meet, peers and protégées to talk with and even CEUs at the end if you need them. I hope to see you there.

Joe Janiga
President, NJ Chapter SFPE
President Joe Janiga convened the meeting at 6:02 PM at the Hanover Manor, E. Hanover, NJ with a salute to the flag and the customary introductions. There were 20 attendees including the speaker.

The minutes from the September, 2013 meeting were approved as read by Michael Newman, Chapter Secretary.

The Treasurer’s Report for February 2014 was approved as presented by Nathan Gorey, Assistant Treasurer. President Joe Janiga updated the membership on the recently held NY Chapter Seminar.

President Joe Janiga updated the membership on the golf outing to be held on June 24th. The venue has been changed to the New York Country Club in New Hempstead, NY. President Joe Janiga updated the membership regarding purchase of General Liability and Directors & Officers insurance. He indicated the membership will be informed on future developments. If anyone has any comments or concerns, Joe asked them to communicate this to the Board.

The chapter approved the membership application for Shawn Warren of FM Global.

Ed Armm updated the membership on the upcoming symposium to be held April 17th at the Hanover Manor.

Rich Leentjes, Operations Engineering Manager, FM Global gave a very informative presentation on NYC Resiliency based on his involvement on the Building Resiliency Task Force sponsored by the Urban Green Council. This was a report for the NYC Mayor and Council based on issues identified as a result of Hurricane Sandy.

The meeting was adjourned at 8:05 PM.

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2014-2015 Nomination of Officers and Directors New Jersey Chapter SFPE

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 2, 2014 at the Hanover Manor.

President, Joe Janiga  
First VP, Dave Gluckman  
Second VP, Paul McGrath  
Secretary, Mike Newman  
Asst. Secretary, Rich Reitberger  
Treasurer, Nate Gorey  
Asst. Treasurer, Chris Vitale  
Director, John Antola Jr. (2yr term)

Directors Robert Murray, John Stoppi and Ernesto Vega-Jánica will continue in the second year of their terms. Ed Armm is Immediate Past President, a voting member of the Board of Directors and the Chairman of the Nominating Committee.

The Nominating Committee and the Board of Directors welcome volunteers to serve in leadership capacities on the Board or Committee activities. Any member with a desire to run as a candidate for Chapter Officer or Director is encouraged to do so. Contact the Chapter Secretary, Mike Newman at mnewman@its.jnj.com by May 5, 2014 which is at least four weeks prior to the Annual Business meeting. Candidates must submit the signatures of at least five voting members of the NJ Chapter along with their letter of intent to run for office.
Joint Local Chapters of the AFAA and SFPE Symposium April 17, 2013

The NJ Chapters of the AFAA and SFPE will be holding their annual Education symposium at the Hanover Manor. A continental breakfast sponsored by the trade show vendors will begin at 7:30 am. The speaker programs begin at 8:30am.

This is a great event to increase your knowledge and stay current with the science and service applications of our field. Please sign up and support both your own education and the local chapters.

The event will be held at:

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

.6 CEU’s or 6 CPD’s will be awarded for those that sign in and provide an evaluation at the end of the day. The cost will be the same as in past years at $100 per person if registered or if pre-paid in advance. Walk in’s will be $125 at the door. You can pre-register at Constant Contact by using the link in the bulletin below or at URL:

https://events.r20.constantcontact.com/register/eventReg?oeidk=a07e90sycxuebf3016d&c=ec1ce2c0-f524-11e2-9342-d4ae5292c2ac&ch=ec201710-f524-11e2-9342-d4ae5292c2ac

If you have problems with registering using constant contact or would like to pay at the door you may pre-register by e-mailing Ed Armm at:

edarmm@hotmail.com

For payment at the Door, checks should be made out to “NJSFPE Chapter”
When
Thursday April 17, 2014 from 7:30 AM to 4:30 PM EDT
Add to Calendar

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

Driving Directions

Contact
Ed Armm
NJ Society of Fire Protection Engineers & Automatic Fire Alarm Association of NJ
973-663-4291
edarmm@hotmail.com

NJSFPE-AFAANJ 5th Annual Symposium and Trade Show

The NJSFPE and the AFAANJ thank you for your past attendance and look forward to seeing you again at this year’s symposium. If this is your first time you will be surprised as to the level of the technical programs and information available from our generous vendors.

This year’s topic is
"Learning From the Past to Protect the Future"

We will have forensic presentations that will reveal shortcuts taken leading to systems not functioning properly.

Wayne Moore will be presenting “Have We Learned From The Past?”

A look at historical fire protection initiatives and will present a view on present day Code requirements with a look at the credibility and reliability of our installed fire protection and alarm systems to determine what progress we have really made.

We will also be presenting some new technologies during the afternoon 'B' sessions. Attendees will be given handout copies of all presentation at sign in between 7:30 and 8:00 AM.

Thursday April 17, 2014
Continental Breakfast sponsored by the Vendors 7:30 - 8:30am
Morning Speakers will be Jerry Naylis and Wayne Moore, P.E. FSFPE 8:30 - 10:00am &10:00 - 11:30 am
Trade Show hosted by the Vendors 11:30- 12:30 pm
Lunch with the Vendors 12:30 - 1:30 pm

See attached detailed program guide, including session options A&B for the afternoon

You may attend either A or B sessions

Before going to the registration page please be certain to enable local system cookies on your pc.

Get more information

Register Now!
"Learning From the Past to Protect the Future"

Thursday April 17, 2014

Continental Breakfast sponsored by the Vendors  7:30 – 8:30am

8:30 – 10:00am Jerry Naylis
“A Forensic Look at Fire Protection”

10:00 – 11:30 am Wayne Moore, P.E. FSFPE
“Have We Learned From the Past? “

Trade Show hosted by the Vendors  11:30– 12:30 pm
Lunch with the Vendors  12:30 – 1:30 pm

A-1 1:30-3:00pm John Drucker, CET

B-1 1:30-3:00pm Anthony Natale

A-2 3:00-4:30pm Bob Shoremount
“Learning from the past to protect the future of your business “

B-2 3:00-4:30pm Bill Costello
“Hypoxic Air Fire Prevention System”

Continuing Education Units (0.6 CEU) and Continuing Professional Development Credits (6 CPD) will be provided.

Attendees will be given handout copies of all presentation at sign in between 7:30 and 8:00 AM.
Gerard J. Naylis

Gerard J. Naylis, A.R.M. is a principal and general manager of Technical Fire Services, Inc. He has a Bachelor’s degree in Fire Science from Jersey City State College and a Master’s degree in Administrative Science from Fairleigh Dickinson University. His experience includes 10 years with the Atlantic City Fire Department in both suppression and prevention, 15 plus years with Arkwright Mutual Insurance Company and FM Global before serving 2 ½-years as the Eastern Regional Director of Field Operations for the US Consumer Product Safety Commission. He is a past president of the International Association of Arson Investigators and a principal member of the NFPA 1033 committee on Fire Investigator Professional Qualifications, having served 10 of his 14 years on the committee as chairman.

“A Forensic Look at Fire Protection”

Fire protection is installed to provide protection to a building’s occupants and to the building itself. Following a loss, questions can arise regarding the operation and/or effectiveness of these built in protection features. Sometimes the loss event involves the protection itself. When this occurs, an examination is undertaking to look at the installed fire protection to determine if it performed as intended.

This session will discuss design and installation as well as maintenance, testing and inspection aspects of fire protection that are examined and evaluated following a loss. We will cover why sprinklered buildings burn, sprinkler system freeze ups, fire alarm systems, and water supply. We will also touch on fire pumps, fire escapes, and means of egress. Examples and case studies will be used to illustrate the points made during the presentation.

Wayne D. Moore

Wayne D. Moore, P.E., CFPS, SET, FSFPE, F.NSPE, is a licensed professional fire protection engineer, is a principal and vice president with the fire protection engineering and code-consulting firm, Hughes Associates, Inc., and is located in the firm’s Warwick, Rhode Island, office. He currently serves as a member of the National Fire Alarm Code Technical Correlating Committee, Chairman of the NFPA 72-2010 Emergency Communications Systems (ECS) Technical Committee, and is the editor of the 1993 edition and co-editor of the 1996 through 2007 editions of the National Fire Alarm Code Handbook. He is also a member of the RI Engineering Licensing Board. In 2009 Mr. Moore was awarded the NFPA Standards Medal and is the immediate past chair of the NFPA 72 Technical Correlating Committee will be presenting:

“Have We Learned From The Past?“

A look at historical fire protection initiatives and will present a view on present day Code requirements with a look at the credibility and reliability of our installed fire protection and alarm systems to determine what progress we have really made.”
John Drucker

John Drucker, CET is the Assistant Construction Official - Fire Protection Subcode Official - Borough of Red Bank he provides training for the State of New Jersey - Department of Community Affairs, and is a member of the Middletown Township Fire Department. He is also a teacher at the Middletown Township Fire Department Training Academy. Before this he worked for Cerberus (Pyrotronics) as a service manager and after the 1993 bombing of the WTC became the project manager for the upgrade replacement systems at the WTC. John remained there until 9/11/2001 after which he returned to Cerberus (now Siemens) for a short time before leaving the private sector. John is the National Fire Incident Reporting System Program Manager for the Middletown Fire Department and since hurricane Sandy has been serving as an inspector for the NJ Department of Community Affairs as well. John’s specialties as a Construction Official are the following; NJ Licensed Building Inspector RCS, Fire Protection Inspector HHS, Electrical, Inspector ICS, Building/ Fire/Electrical Subcode Official.Lic. 001103, NJ Certified Fire Official / Fire Inspector / Fire Instructor. Cert No. 109566, NJ Licensed Housing Official / Housing Inspector, NICET Certified Engineering Technician – Fire Alarm Systems, NJ Licensed Electrical Contractor - EI3401405500, NJ Fire Instructor I, Incident Management II, Firefighter I, and IAAI 80Hr Fire Investigator


This 1 ½ hr. seminar reviews the fundamental requirements for voice evacuation fire alarm systems including upcoming code changes recognizing voice evacuation fire alarm systems in additional uses including means of egress credit and general paging use. The use of voice evacuation fire alarm systems has been expanded significantly including the Educational use group. This program also covers the requirements of IBC 911 Fire Command Centers.

Anthony Natale

Anthony Natale is the Senior Specialist of the Emergency Response Group at ConEd of NY and is an active Battalion Chief with the FDNY. Mr. Natale began his career in the hazardous material field. He worked for a private contractor that specialized in land and marine based emergency spill response. He went on to positions of increased responsibility when he became the Terminal Operations Manager, of five major oil storage plants within the NY metropolitan area. In 2000 he began work for Con Ed where he is responsible for managing the full gamut of utility based emergencies with an emphasis on transformer fire fighting. Anthony has an Industrial Fire Brigade Pro-Board Certification. He is a guest lecturer at the NY City Police and Fire Academy’s and is published WNYF (With New York Firefighters) in 2008 & Fire Engineering in November of 2010. He holds a BS from Manhattan College where he graduated Magna Cum Laude.
“Three New Suppression and Containment Technologies”

This presentation will cover results from testing three new fire protection technologies. The first technology is a flooring system that passively allows spilled liquids to be removed and safely stored before an accidental ignition can occur. The second technology is a new deluge nozzle. The design has improved water usage using a new spray characterization apparatus developed by Custom Spray Solutions at the U of MD FPE program. And the third and final technology is a water additive agent that has been field tested in the city of New York. The water additive is used on class C fires such as manholes, transformers, and switches.

Bill Costello

Bill Costello is Program Manager East Region at ZeroBurn Fire Prevention Systems. Bill joined the ZeroBurn team in 2013. In his role Bill is responsible for educating key end users and fire prevention professionals such as SFPE members, Fire Marshals, Engineers & Architects, Corporate Risk Managers, and Facilities Managers about the benefits of the Hypoxic Air Fire Prevention System. Bill has been working in the Fire Industry since 2006 and previously he worked in the Information Technology Industry.

“ZeroBurn Fire Prevention—No Fires - No Consequences”

Intro will discuss traditional systems that contain fires and saves lives while destroying buildings and assets. He will continue with a description of ZeroBurn and Hypoxic Air Fire Prevention System. He goes on to discuss the ideal applications, benefits of Hypoxic Air Fire Prevention Systems. Discussion will explain how it works, safety factors as well as case studies with cost comparisons. After a complete technical overview he will open the floor to questions and answers.

Bob Shoremount

Bob Shoremount is a seasoned industry practitioner with more than 40 years' experience in a broad range of roles within our industry. Today, he leads Strandberg Consulting Group to provide training, consulting and coaching to individuals and companies in the industry to help them achieve and even surpass their goals. Bob holds NJ licenses for Fire Alarm, Burglar Alarm, Locksmith and Electrical Contracting and is a certified Six Sigma Black Belt in Transactional Business Process Improvement. He began teaching more than 30 years ago with the likes of Ed Armm and has helped companies add millions to the bottom line on their balance sheets. He works with a team of other industry professionals who each bring their expertise for our client's benefits.

“Learning from the past to protect the future of your business”

Have goals and objectives personally, professionally or for your business? Feel frustrated at times? We will detail effective measures that can be employed to evaluate, protect the value of your business and make dramatic improvements in future value. By effectively analyzing the past, you can ensure a brighter future.
The following vendors will be participating in our Symposium trade show. This is a great opportunity to have your questions answered regarding the numerous fire protection services and equipment they provide.
TO BENEFIT OUR JOINT SCHOLARSHIP FUND

WHERE:
New York Country Club
103 Brick Church Road
New Hempstead, NY 10977
[Exit 11 from Palisades Interstate Parkway]

GAME:
4 Player Scramble

FEATURES INCLUDED:
Beautiful Semi-Private Country Club
30 Minutes Closer Than Previous Outings
Enhanced Food & Beverage Catering
Fully Stocked Snack & Beverage Cart
50 Foot 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 Giveaway
Deluxe Door Prizes & Product Raffles
Low Score Prize
Closest To Pin Prize
Longest Drive Prize

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
06.24.14

NY Metro / NJ Chapters SFPE Annual Scholarship Golf Outing

TO BENEFIT OUR JOINT SCHOLARSHIP FUND

NEW LOCATION!

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## Payment:

**NAME:** __________________________

**ADDRESS:** _______________________

**CITY:** _______  **STATE:** _______  **ZIP:** _______

**EMAIL:** _________________________

**AMOUNT ENCLOSED:** $________

Please Make Checks Payable To:

“NY METRO CHAPTER SFPE”

**OR**

ONLINE PAYPAL PAYMENT ☐

http://www.sfpmetrony.org

**FOR EITHER OPTION:**

Please Fax Form To: 212.947.4318
or
Email To: jgoerl@metroprotectionsystems.com

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Before June 1st: $145 Per Golfer
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## Location:

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103 Brick Church Road
New Hempstead, NY 10977
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Metro Protection Systems, Inc.
Attn: Jim Goerl
307 West 38th Street
Suite 816
New York, NY 10018
212.947.4300

Jim Goerl
jgoerl@metroprotectionsystems.com
646.235.7145

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**Mail form including payment to**

**Questions? Email us.**
06.24.14

NY Metro / NJ Chapters SFPE Annual Scholarship Golf Outing

TO BENEFIT OUR JOINT SCHOLARSHIP FUND

NEW LOCATION!

Payment:

NAME: ________________________________
ADDRESS: __________________________________________
CITY: _______ STATE: _______ ZIP: _______
EMAIL: ________________________________
AMOUNT ENCLOSED: $________

Please Make Checks Payable To:
“NY METRO CHAPTER SFPE”

OR

ONLINE PAYPAL PAYMENT □

http://www.sfpeemotrony.org

FOR EITHER OPTION:

Please Fax Form To: 212.947.4318
or
Email To: jgoerl@metroprotectionssystems.com

Metro Protection Systems, Inc.
Attn: Jim Goerl
307 West 38th Street
Suite 816
New York, NY 10018
212.947.4300

Jim Goerl
jgoerl@metroprotectionssystems.com
646.235.7145

Sponsorship:

Green/ Tee Sponsor: $250.00 □

NAME TO APPEAR ON SIGN: __________________________________________

Golf Cart Sponsor: $500.00 □
Hospitality Cart Sponsor: $500.00 □
Registration Sponsor: $500.00 □
Breakfast Sponsor: $500.00 □
Driving Range Sponsor: $500.00 □
Cigar Sponsor: $500.00 □
Putting Green Sponsor: $500.00 □
Barbeque Lunch Sponsor: $750.00 □

PLEASE CONTACT JIM GOERL FOR SPECIALTY SPONSORSHIP
646.235.7145

Benefits for Sponsors:

• Pre event 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
• Deluxe listing with company logo on registration form
• Follow-up mailing/ email after event to participants
Chevron Refinery Fire - Aug 6, 2012 Another Human Element Failure

Below is a link to an investigation by the CSB on the causes of the vapor cloud explosion and what could have been done to prevent it. I would suggest that you go to the link below and watch the animation video that covers the course of events that led up to this large loss. There was not one Human Element failure but many that led to this large loss. You simply have to say “What in the world were all these people thinking!”

http://www.csb.gov/chevron-refinery-fire/

Google's Nest Halts Home Alarm System Sales Over Possible Defect

Nest Labs, the maker of smart thermostats that Google acquired for $3.2 billion, called a halt to all sales of its smoke alarms on Thursday after it discovered a possible defect that could cause users to turn it off unintentionally.

Nest co-founder and Chief Executive Tony Faddell said that, under a unique set of circumstances the alarm's "Nest Wave" feature, which allows a user to switch off the device with a wave of the hand, could be inadvertently activated.
JOB OPENINGS

AM & Associates
Alan Margolin & Associates, Consulting Engineers has an immediate opening for a NYC Special Inspector. Special inspections would be performed on mechanical systems, sprinkler systems, standpipe, firestopping, spray-fire resistant materials, fire dampers, fire/smoke dampers, fire resistant rated construction, energy conservation code, and other building systems. PE preferred but will consider BSME with experience and certifications. For fast-tracked consideration, email me the candidate’s full resume with contact information. Base comp between 85-115k, with time and a half OT, bonuses, benefits, etc.
http://www.amaa-eng.com/

Interested parties should contact:

John P. Stoppi Jr., PE, FPE
Alan Margolin & Associates, Consulting Engineers
420 Lexington Avenue - Suite 2738
New York, NY 10170
T: 212-867-6720
F: 212-867-6724
JStoppi@amaa-eng.com

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Regional and multi-disciplinary consulting firm that provides Mechanical, Electrical, Fire/Life Safety and Construction services is currently in need of an experienced Fire Protection Engineer or Designer with a solid background relating to the design of Life/Safety and Sprinkler systems for new and existing buildings throughout the NY, NJ and PA areas. Their project focus typically entails a mixture of Commercial Spaces, Institutions, Government/Federal buildings as well as Public works.

The ideal individual should have roughly 3+ years of fire protection engineering including water-based suppression, special hazard extinguishing systems, egress, code consulting, smoke management on the aforementioned building types plus a thorough understanding of AutoCAD or Revit. In addition, a thorough knowledge of NFPA codes and standards.

The opportunity itself will offer tremendous growth potential as the selected candidate will ultimately be given the opportunity to grow into a more leadership role.

U.S. Citizenship is Required.

Please send resumes to:

Carson Hawke
Huntsville Executive Search
Director of AEC Services
Email: hawk@huntsvillesearch.com
## Meeting Dates/Programs 2013-2014

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<td><strong>April 17</strong></td>
<td>Chapter Seminar</td>
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<td><strong>May 5</strong></td>
<td>NOVEC Fire Suppression Agent Update—Larry Lussier, 3M</td>
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<td><strong>June 2</strong></td>
<td>Research projects which are being presented to SUPDET involving droplet characterization, deluge nozzles and a floor based extinguishing system for Class B fires.— Andy Lynch of Amped I R&amp;D</td>
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<td><strong>June</strong></td>
<td>Joint NY/NJ Chapter Golf Outing – details and date to follow</td>
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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://webansi.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.csaa.org/
Municipal Codes (E Codes)  http://www.generalcode.com/Webcode2.html
FM Global  http://www.fmglobal.com/
FSDANY  http://www.fsdany.org/reg.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/
AFAA-NJ  http://www.afaanj.org/
National of Fire Equipment Distributors (NAFED) -  http://www.nafed.org/index.cfm

ADVERTISE IN THE FUSIBLE LINK

Do you want your business to be known by over 125 professionals in the local Fire Protection industry? Advertise in the Fusible Link. $100 per chapter fiscal year. Contact Vicki Serafin for more info: Vicki.serafin@affiliated.fm.com