President’s Message...

Our last meeting of the Chapter year is upon us. Monday June 6 is our annual business meeting where we elect new officers, reflect on our past meetings and activities and look forward to the lazy days of summer. Please join us for an extended menu and a full program. June 27th is our annual Scholarship Golf Outing at West Point, NY. Please support this annual event by participating in the golf play or by sponsoring a hole in the name of your company, business or firm. Bring a friend or guest and introduce them to our Chapter members. (PS I ordered extra ribs this year !!). I want to personally thank everyone for their support of the Chapter and our program this year and look forward to working with your new elected officers in the coming months. See you all on the 6th.

Rich Reitberger
Chapter President
Fusible Link  Page 2

2011-2012 New Jersey 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 6, 2011 at the Hanover Manor.

President     Ed Armm
First VP     John Cholin
Second VP   Joe Janiga
Secretary    David Gluckman
Asst. Secretary   Brad Hart
Treasurer    Bob Murray
Asst. Treasurer   Glenn Buser
Board of Directors (2-year term) Chan dra Patel (first year of first term)
Nathan Gorey (first year of first term)
Paul McGrath (first year of first term)

Chapter member Dave Kurasz is also running for the first year of his second term as Board of Directors member-at-large.

Rich Reitberger 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. No other members made their interests and willingness to serve known to the Nominating Committee prior to this report. 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, Joe Janiga (973-541-6774) 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 Friday, May 6, 2011.
SUBJECT: Fire Protection Equipment Inspections by In-House Employees

REFERENCE: N.J.A.C. 5:74-2.1 and N.J.A.C. 5:74-2.2

ISSUE DATE: May, 2011

The Division of Fire Safety has received numerous inquiries on the application of the regulations to in-house employees and the inspection and maintenance of fire protection equipment, including portable fire extinguishers.

In 2006, the Uniform Fire Code at N.J.A.C. 5:74-2.1(b)1. was amended to exempt businesses from having to obtain a business permit when their employees perform inhouse services listed in N.J.A.C. 5:74-2.2(a).

In addition, N.J.A.C. 5:74-2.1(b)1 allows “non-certified” in-house employees to conduct routine maintenance or monthly, weekly or daily inspections or test fire protection equipment provided the following conditions are met:

1. The employer has a documented, readily available, procedure in effect governing routine maintenance and inspection and;

2. The employer can provide proof that the in-house personnel performing the work have been trained on the applicable provisions of the Uniform Fire Code with respect to the routine maintenance, inspection or testing they may be required to perform.

For example, a trained in-house employee may perform monthly visual inspections of fire extinguishers and sign the tag or run the weekly fire pump churn test and record the results without being certified.

When an employee has a valid certification issued by the Division of Fire Safety for a specific type of fire protection equipment, they may conduct all required inspections and maintenance at the employer’s facilities.

Finally, N.J.A.C. 5:74-2.2(a)1. specifically exempts persons holding a license to engage in the fire alarm business pursuant to P.L. 1997, c.305 (N.J.S.A. 45:5A-23 et. seq.) or who are electrical contractors as defined in section 2 of P.L. 1962, c.162 (N.J.S.A. 45:5A-2), when such persons are acting within the scope of practice of their profession or occupation.

This Bulletin will remain in effect until withdrawn or replaced.

If you have any questions regarding this matter, please contact the Contractor Certification Unit at 609-984-7860.
2011 Fire Protection Engineering PE Exam
Presented in partnership with Global Asset Protection Services, LLC

**Class Description:**
Prepare for the 2011 Fire Protection Engineering PE Exam from wherever you can access the Internet. This effective, on-line review class will help you organize and navigate through the massive amount of reference material. Each session is taught live by an expert instructor using the advanced web conferencing technology. You will work with a live instructor over several weeks and can ask questions as they arise throughout the review period.

Revised to meet the current NCEES exam specifications, this course is an excellent exam preparation tool. The 14 live 1.5 hour sessions allow for maximum retention.

**Who Should attend?**
Anyone preparing for the PE Exam! Even if you are not taking the exam this year but want to assess your readiness for a future exam, this course is for you. The course is also an excellent refresher for existing engineers, fire marshals, loss control specialists, and anyone else who needs to understand the principles of fire protection engineering.

**Topics Include:**
- Exam Preparation & Exam Taking Strategies
- Fire Protection Analysis
- Fire Protection Management
- Human Behavior
- Fire Dynamics
- Fire Protection Systems
- Fire Alarm Systems
- Smoke Management
- Explosion Protection
- Passive Building Systems

**Enrollment Includes:**
- Participation in either the Tuesday or Thursday session
- Two-hours of access to instructors outside class hours
- Electronic Copies of the Course Slides

**Course Schedule:**
14 live 1.5-hours On-line Sessions
- July 12 - October 11, 2011 (Every Tuesday) from 2:30 p.m. to 4:00 p.m. EST
- July 14 - October 13, 2011 (Every Thursday) from 6:30 p.m. to 8:00 p.m. EST

You may attend either the Tuesday or Thursday Session. You may switch between sessions each week as your schedule dictates. For more information or questions please contact Julie Gordon, SFPE Education Program Manager at (301) 718-2910 ext. 104.

**Required Materials: (Sold Separately)**
- Suggested List of References for the 2011 Exam

**Enrollment Fee:**
- $1,350 Member or $1,775 Non-member

**There are three easy ways to enroll:**
1. [Enroll online](#): Enroll online is fast and convenient using your credit card. We accept Visa, MasterCard and American Express.
2. Download [Enrollment Form](#) in PDF format and either email to [igordon@sfpe.org](mailto:igordon@sfpe.org) or fax it to +301 718 2242.
3. Contact SFPE Headquarters at +301 718 2910 ext. 104.

**Note:** SFPE will accept registrations until July 29, 2011 for the FPE/P.E. on-line seminar. No registration will be accepted after July 29.

**Cancellation Policy**
Written cancellation request must be submitted 7 business days before the event, to qualify for a refund. Refunds will reflect a $75.00 processing fee. If notification is received less than 7 business days in advance, no refunds will be issued. "No Shows" are ineligible for refunds. SFPE reserves the right to cancel any educational event that is undersubscribed. Cancellations must be made in writing and sent to the following address:

SFPE Registrations
Society of Fire Protection Engineers
7315 Wisconsin Avenue, Suite 620E
Bethesda, MD 20814
Email: [Julie Gordon](mailto:Julie.Gordon@sfpe.org)
2011 SFPE Annual Meeting:  Professional Development Conference and Exposition
October 23 - 28, 2011
Portland Marriott Downtown Waterfront
Portland, Oregon

Engineering Technology Conference

This conference highlights presentations on advanced and cutting-edge practices in fire protection engineering that are used to protect people, property and the environment from fire. Keynote presenters are:

2011 SFPE Annual Meeting:  Professional Development Conference and Exposition
October 23 - 28, 2011
Portland Marriott Downtown Waterfront
Portland, Oregon

Engineering Technology Conference

This conference highlights presentations on advanced and cutting-edge practices in fire protection engineering that are used to protect people, property and the environment from fire. Keynote presenters are:

David A. Charters, Building Research Establishment, Ltd, United Kingdom
Professor W.K. Chow, FSFPE, The Hong Kong Polytechnic University, Hong Kong
Martin J. Feeney, Holmes Fire & Safety, New Zealand
Frederick W. Mowrer, Ph.D., P.E., FSFPE, California Polytechnic State University, USA
James R. Quiter, P.E., FSFPE, ARUP Fire Engineering, USA

To see the Engineering Technology Conference schedule, click here.

Professional Development Week Seminars

Earn Valuable CEUs while giving your company a competitive edge by attending a series of seminars being taught by the profession's leaders. Plan a week of training at the SFPE Professional Development Week being held October 25-28, 2011 to stay a step ahead. Click here for the list of seminars.

Joint NY Metro and NJ Chapter SFPE Golf Outing - West Point, June 27th

Don’t miss out on a great day on the links and the festivities afterwards. More details are contained on the flyer in this publication. Below is the link if you want to register/pay online:

http://www.njsfpe.org/events?eventId=301773&EventViewMode=EventDetails
Society of Fire Protection Engineers
New York Metro & New Jersey Chapters

Annual Golf Outing
Monday June 27, 2011
West Point Golf Course
West Point, NY
845-938-2435

For the Benefit of the Joint Scholarship Fund

Outing Highlights Include:
Limited Openings to the First 144 Player Reservations – No Exceptions
Early AM Continental Breakfast & Registration – 8:30AM Shotgun Start
Greens Fees & Cart Included – Four Player Scramble Format
BBQ Buffet following Play – Performance & Door Prizes

$125.00 per Player / $ 50.00 to Attend Luncheon Only
($140.00 Player Fee if Payment received after June 12th)

Make checks Payable to “NJ Chapter SFPE”

COMPLETE, DETACH & SUBMIT PORTION BELOW

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AMOUNT ENCLOSED - $_________ GROUP CONTACT: ________________________________

CONTACT PHONE: ________________________________

C/o Vicki Serafin SFPE -NJ
PO Box 8268
Parsippany, NJ 07054
973-541-6771  FAX—973-541-6906
TOURNAMENT SPONSORSHIPS

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

GREEN / TEE SPONSORSHIP $ 200.00
(SPONSOR NAME PROMINENTLY PLACED ON TEE OR GREEN AND SPONSOR NAME INCLUDED IN PROGRAM AND ANNOUNCED AT LUNCHEON)

NAME TO APPEAR ON SIGN: ____________________________________________________

• GIFT PRIZE SPONSORSHIP
PLEASE ACCEPT THE GIFTS LISTED BELOW FOR USE AS PRIZES ON THE DAY OF THE TOURNAMENT. I WILL BRING THE PRIZES WITH ME TO THE OUTING.

____________________________________
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REFRESHMENT/SPECIAL SPONSORSHIPS
IF YOU ARE INTERESTED IN A SPECIAL SPONSORSHIP OF THE DRIVING RANGE, REFRESHMENTS, HOLE-IN-ONE CHALLENGE, ETC., PLEASE CALL JIM GOERL AT 212-947-4300

Make Checks Payable to “NJ Chapter SFPE”

AMOUNT ENCLOSED - $_________ GROUP CONTACT: _________________________________

CONTACT PHONE: _________________________________

Return this portion with your payment to: NY Metro/NJ SFPE Golf Outing
C/o Vicki Serafin
SFPE—NJ
PO Box 8268
Parsippany, NJ 07054

973-541-6771  FAX—973-541-6906
Location:
West Point Golf Course
Building 1230
West Point, NY 10996
845-938-2435

Monday, June 27, 2011

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.
NJ Coalition for Residential Fire Sprinklers

Once again it is time to push our legislators to support the installation of sprinklers in one and two family homes. Enclosed in this edition of the Fusible Link are two documents related to this important issue. One is a document explaining the reason for the need and the other a document to be signed on behalf of an organization or company and returned to:

John F. Lightbody Chief
NJ State Fire Commissioner

N.J. Coalition for Residential Fire Sprinklers
1838 Skiff Ct.
Toms River NJ 08753
Phone 732-831-1010
Cell 848-992-1775
E-Mail chiefjohn1@comcast.net

RESOLUTION

By:

Support sprinklers in all new construction of one and two family dwellings.

Whereas, the ________________ with a membership of ______ is an organization dedicated to public safety; and,

Whereas, we of the fire service and friends consider it unacceptable that in the 21st century, more than 3,000 people in the United States are killed in fires each year, with an overwhelming 84% of these deaths occurring in residences; and,

Whereas, the fire services and public find it totally unacceptable that 41% of firefighter deaths occur in one and two family dwellings; and,

Whereas, the ____________________________ of _______________________ New Jersey desires to have a positive and consequential impact on reducing the State of New Jersey’s losses due to fire; and,

Whereas, the _____________________________ of ____________________ New Jersey recognizes that fire sprinklers represent a proven, reliable, efficient and effective method of protecting life and property in both commercial and residential occupancies;

Now, therefore, be it resolved that

The __________________________ of ____________________ New Jersey supports legislation and approval of amendments to the New Jersey Uniform Construction Code to require the installation of fire sprinkler systems in all newly constructed one and two family dwellings in New Jersey.

_________________________                  ____________________                         _________
Signature                                                     Title                                                         Date
Dear Friends,

Just a few years ago after the tragic loss of three students in a fire at Seton Hall University, the Coalition for Dormitory Safety asked for the assistance of the fire community to provide sprinklers in NJ’s college dormitories. Over 1.7 million individuals signed petitions endorsing the dormitory sprinkler bill. NJ stood at the forefront of the country in passing this legislation to protect college students and many states followed NJ’s example.

We are now asking for your support again. From the early 1970’s, when the “America Burning” report was published, to the present, our greatest loss of life in fires has occurred in residences. Yet with all of our technological advances, we still are where we were back in the 70’s. Once again NJ is trying to step into the lead to prevent loss of life by passing the Residential Sprinkler Bills, A-3278 and S-2287, for newly constructed 1 and 2 family homes.

Never before has there been so much focus on the proven lifesaving technology of residential fire sprinklers. The NFPA has no record of a fire killing more than two people in a completely sprinklered residential building where the system worked properly. Last year over 100 firefighters lost their lives. The National Fallen Firefighters Foundation developed the 16 “Life Safety Initiatives” along with the program “Everyone Goes Home.” Item #15 of the Initiatives states “Advocacy must be strengthened for the enforcement of codes and the installation of home fire sprinklers”.

In 2008 there were over 378,200 residential fires where 2,650 people lost their lives and over 7 billion dollars of damage occurred. New Jersey had 14,035 residential fires and 83 fatalities. In addition, 41% of all firefighter deaths nationally occur in these residential structures. Certainly we are at a point in time where we can reduce these numbers. By adopting the enclosed Resolution to endorse the residential fire sprinkler bills, you will be joining the rest of the state’s fire service organizations and once again NJ will take the lead in fire safety.

Please fill out and have your organization adopt the enclosed Resolution and return to address below.

Sincerely,

John F. Lightbody Chief
NJ State Fire Commissioner

N.J. Coalition for Residential Fire Sprinklers
1838 Skiff Ct.
Toms River NJ 08753
Phone 732-831-1010
Cell 848-992-1775
E-Mail chiefjohn1@comcast.net
## Proposed change (amendment) to the Chapter By-Laws

Currently, Section 3.2 states

Section 3.2 Chapter Supporters shall be persons from groups in related fields of endeavor or interest who do not hold Society membership but who subscribe to the objectives of the Chapter

Proposed changed & subset to Section 3.2

Section 3.2.1 The definition of Chapter Supporters shall include, as a subset, those who are employed by a Municipality/County/State as AHJ’s (Authorities Having Jurisdiction) /Fire Marshall/Fire Official/Fire Inspector, Etc.

The above will be voted on at our June 6 meeting.

## BIG FANS

New research report reveals effects of automatic shutdown on sprinkler performance

As a participating member of the Property Insurance Research Group (PIRG) – an industry group comprising leading commercial property insurers organized through the National Fire Protection Association’s Fire Protection Research Foundation, FM Global plays a key role in making research-related contributions that aim to advance good fire protection practices.

In 2010, the PIRG embarked on a joint research project to assess the impact of High Volume Low Speed (HVLS) fans on sprinkler system performance in rack and palletized storage. Due to the fans' increasing popularity in industrial and storage facilities around the country as an energy-efficient alternative to standard industrial fans, FM Global conducted a series of fire tests with MILS fans over rack storage at its Research Campus.

Findings from the study revealed HVLS fans without any means of shutdown caused an unacceptable performance of the sprinkler system. However, when automatic shutdown of the fan occurred, due to a simulated water flow alarm, a properly designed and maintained sprinkler system performs adequately.

The complete report, "Impact of an HVLS Fan on Sprinkler Performance in Rack Storage Fires," is posted in the Research section of FM Global’s website, Videos shot during those fire tests also are available on FM Global’s YouTube channel.

## CHANGE IS GOOD

Further enhancements to FM Global Property Loss Prevention Data Sheet 3-26

In March 2010, data sheet changes were implemented to simplify fire protection choices; in some instances, these changes can make automatic sprinkler protection more affordable for clients.

"Smaller water demand and duration may allow for smaller water supplies, thus reducing overall material and installation costs."

NOURA MILARDO, SENIOR STAFF ENGINEERING SPECIALIST

These changes reflect an on-going evolution of FM Global's operating standards, which promote advances in fire technology that support the completion of fire protection recommendations. In January, a revised version of FM Global Property Loss Prevention Data Sheet 3-26, Fire Protection Water Demand for Non-Storage Occupancies, was released as a continuation of these efforts.

Among the changes included in the new version of Data Sheet 3-26 is the option to install Ordinary Hazard Extended Coverage K11.2 (K160) and K14.0 (K200) sprinklers in Hazard Category 2 (HC-2) and Hazard Category 3 (HC-31) occupancies with ceilings up to 30 ft. (9 m). According to Senior Staff Engineering Specialist Noura Milardo, "In some cases, these designs will result in fewer sprinklers than required using standard coverage sprinklers. This data is based on full-scale fire tests conducted at the FM Global Research Campus. Smaller water demand and duration may allow for smaller water supplies, thus reducing overall material and installation costs."

For more information about the changes to FM Global Property Loss Prevention Data Sheet 3-26, Fire Protection Water Demand for Non-Storage Occupancies, ask your FM Global client service team or log on to www.fmglobaldatasheets.com.
MEETING NOTICE

Date:       June 6, 2011
Place:     Hanover Manor
           16 Eagle Rock Avenue
           East Hanover, NJ
Price:    $30.00
Dinner:    5:00-6:00 (Cash bar for mixed drinks)
           Dinner at 6 PM
Topic:    Annual Meeting—Update on HVLS fan testing - Pete Wilse, XL

Please note for this meeting:
All officers, directors and committee chairman are requested to attend a meeting at 4:00 p.m. at the Hanover Manor.

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

Vicki Serafin
Affiliated FM
400 Interpace Parkway, Bldg C - 3rd Floor
Parsippany, NJ 07054-1196
vicki.serafin@affiliatedfm.com

OR PAY AT THE DOOR

NAME: ____________________________________________

COMPANY:___________________________TELEPHONE:______________________
### Meeting Dates/Programs 2010-2011

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<tr>
<td>June 27</td>
<td>Annual Golf Outing for Joint Chapter Scholarship Fund—West Point Golf Club</td>
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### Associated Fire Protection

**Roland Straten, P.E.**

100 Jackson Street, Paterson, NJ 07501  
(973) 884-7250 Ext. 150  
Fax: (973) 884-4511  
rsstraten@alpfire.com

www.alpfire.com

### Associated Consulting Engineers, P.C.

**Robert E. Murray, P.E.**  
President

214 Clarke Avenue, South Plainfield, New Jersey 07080  
(908) 750-5001  
Fax: (908) 750-5007  
Email: rmurray@asefirepro.com


### SLICER & ASSOCIATES

**J. Sargent “Sarge” Slicer**

P.O. Box 1647  
West Chatham, MA 02669-1647  
Office: 508-945-5074  
Mobile: 973-493-0369  
VM & Fax: 866-395-6172  
Member – SFPE & NFPA  
sargeslicer1@myibocs.com

### JMCC

**John M. Cholin P.E., FSFPE, M.E.E.**

**J.M. Cholin Consultants, Inc.**

Fire Protection Engineering and Consulting Services  
101 Roosevelt Drive, Oakland NJ 07436 USA  
Telephone: 201-337-8621  
Fax: 201-337-5603  
jmcc@jmccholinconsultants.com  
www.jmccholinconsultants.com

### OLLIVER SPRINKLER CO., INC.

555 East Main Street, Chester, NJ 07930

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<tr>
<th>Fire Protection Systems</th>
<th>24 Hr Emergency Service</th>
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| Design, Installation, Inspections, Service, Fire Alarm Systems | Jim Burge  
Vice President  
burge@olliversprinkler.com |

### SURVIVOR Fire & Security Systems

**Richard Ravaoli - Sales Manager**

39A Myrtle Street • Cranford, NJ 07016-3456  
Tel: (908) 272-3560 • Fax (908) 272-6144

### United Fire Protection Corporation

**Frank Savino, President**

1 Mark Road • Garwood, NJ 07026  
Email: f.savino@ufpc.com  
Tel: 908-689-0509 x222  
Fax: 908-689-3177  
Cell: 908-351-0711  
www.ufpc.com

### GB Risk Consulting, LLC

**Glenn D. Buser, P.E.**

201-891-1405  
201-450-7559 (Cell)

GB Risk Consulting, LLC  
155 Moramarco Court  
Mahwah, NJ 07430  
Email: gbuser@gbrisk.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/nea/coffee-break/
CPSC  http://www.cpsc.gov/
CSAA  http://www.csaaul.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 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