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Society of Fire Protection Engineers

New Jersey Chapter

FUSIBLE LINK

OCTOBER 2012

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President's Message...

With summer officially over and fall is upon us I feel some rust already. I hope everyone had a great summer and is very much looking forward to our field trip to the FM Global Research Campus in West Gloucester, RI. This will be our second trip there due to the overwhelming good response last time we visited. I'm told the Campus is larger and they have more material to burn this year. I love a good fire in the fall.

I missed our September meeting as I attended my wife's family reunion in Ohio; it is always disappointing to me to miss our meetings. Turnout was rather low for our September meeting and I have to ask all members to try to keep our meetings on your calendars' and make every effort to come out, we do our very best to get you out in time for Monday Night Football. Attendance is important for a number of reasons; to keep our level of service up at the Hanover Manor, to show our speakers that we are a strong organization worthy of their valuable time and last but not least to share our ideas, troubles and successes with our fellows.

I am delighted to be able to tell you that our chapter is a 2012 recipient of the Silver Chapter Excellence Award. Joe Janiga and Rich Reitberger will be on hand for the SFPE Senate Meeting in Savannah, Georgia on Sunday, October 14 to receive our award. In an effort to go for the Gold in 2013 I will ask our membership to attend career day at their local High Schools this year to speak with students on the importance of math, science and engineering in general as well as the personal rewards we each have in providing life safety to our clients and communities.

If you go to our web page www.njsfpe.org you will see letters of thanks from two of the scholars that were awarded James R. O'Neil/W. Robert Powers Scholarship's from the New York Metropolitan & New Jersey Chapters of the Society of Fire Protection Engineers. We gave out the maximum amount this year due to the excellence of our scholars and our memberships support of the annual golf outing. It really provides a warm feeling to award a deserving student studying Fire Protection Engineering with some help in these tough financial times.

Continued on P. 2

Director and Chair of the NJSFPE Legislative Committee Dave Kurasz attended a NJ State Senate Sub-Committee meeting to testify on the importance of fire sprinklers in smaller group homes October 1st. Senate Bill S1255 would call for fire sprinklers in smaller group homes, 4 occupants or less, often occupied by those who are unable to self evacuate. There was some opposition to this bill and we are going to Trenton when the bill comes before the State Senate to speak in favor of this life safety issue. Again, I ask for the support of our membership in this and other life safety issues in Trenton. The bill in the Assembly is A1843 and it still needs to be amended to mirror Senate Bill S1255. With regards to bills being heard in sub-committees Dave can usually provide us with about a 4-day notice at best.

So in closing, in this month's article I ask our membership to attend meetings, support the Joint Scholarship Fund by participating in the Golf Outing, play, sponsor a hole, and offer prizes. Our society is what we make it and we only get back what we put in. Being a member supports our society, becoming an active participant grows our society and helps fulfill our goals. Help the NJSFPE make our thirty-fifth year our best. "When someone shares with you something of value, you have an obligation to share it with others!"

Ed Armm
Chapter President

MINUTES OF SEPTEMBER 10, 2012 NJ-SFPE MEETING

Second VP, David Gluckman called the meeting to order at 6:10 PM with a salute to the flag. Customary introductions by all present were given. There were about 25 attendees.

The Treasurer's report for September was not read as the board of directors could not approve. There was not a quorum of the board to do so at today's board meeting.

Dave reviewed the plans for the October meeting which will be a field trip to FM Global's test center in Rhode Island on October 19.

He also mentioned that the chapter will man a table at an upcoming state of NJ guidance counselors' convention on October 14 and 15.

Chuck Gandy gave a report on the scholarship fund. This year we have given scholarship checks to 4 students that range from \$500 to \$7,000.

Chris Jelenewicz from SFPE National gave us an update on National's activities as follows:

- The Annual meeting will be held in Savannah, Georgia on October 14-19. There will be 10 seminars and over 50 exhibitors. Go to www.spfc.org for additional information and registration.
- PE exams for Fire Protection are now being given in other countries. The FPE exam is now accepted in all states but Hawaii. As time goes on it will likely become a fully computer-based taken test. Chris asked the Chapter for support in writing questions as we have done in the past.
- Chris also discussed the SFPE's fire service committee and the Chief Burns Grant to develop a building fire model specific to Fire Department use. Chris also discussed the BIM Fire Models.
- Other topics discussed included the SFPE's careers website and career guides as well as the SFPE blog.

Session – Signifire Video Smoke, Intrusion and Fire Detection System.

Steve Tierney, Northeast Sales Manager for Fike gave the talk on this state-of-the-art detection system. Fike has created a video camera with over 5,000 algorithms to detect smoke and fire. Only Fikes camera is UL and FM approved. This system can be a great advantage over standard smoke detection systems using ceiling mounted detectors because it detects smoke throughout a large volume as well as fire. This helps in the speed of detection since smoke in large spaces often stratifies and may not reach the ceiling for a long period of time.

The installed cost of two cameras with alarm panel is about equivalent to 4 beam detectors (in the \$10K-12K range) only without the meaningful maintenance and alignment issues. More information and videos of the system in action can be found at www.signifire.com.

The meeting was adjourned at 7:50 PM.

September 10, 2012 Technical

JOB OPPORTUNITY

SUMMARY DESCRIPTION OF DUTIES:

RESPONSIBLE FOR PROVIDING CORPORATE FIRE PROTECTION ENGINEERING SERVICES IN BOTH PROGRAMMATIC & TECHNICAL MATTERS.WORKS WITH CORPORATE & LINE MANAGEMENT IN THE DEVELOPMENT &/OR INTERPRETATION OF FIRE PROTECTION POLICY & STANDARDS AS APPLIED TO THE PROTECTION OF LIFE, PROPERTY LOSS PREVENTION, & THE INTERRUPTION OF BUSINESS OPERATIONS.WORKS CLOSELY WITH ARCHITECTS & ENGINEERS BY PROVIDING FIRE PROTECTION ENGINEERING CONSULTATION FOR THE DESIGN OF NEW COMMERCIAL & POWER GENERATING FACILITIES & FOR FIRE PROTECTION IMPROVEMENTS TO EXISTING FACILITIES.CONDUCTS RISK ASSESSMENTS TO EVALUATE THE POTENTIAL FOR LOSS OF LIFE & PROPERTY DAMAGE FROM THE THREAT OF FIRE & OTHER SIMILAR PERILS.RESPONSIBLE AS FIRE PROTECTION EXPERT IN MATTERS SUCH AS LIFE SAFETY, PROPERTY PROTECTION & INDUSTRIAL LOSS PREVENTION.HAS ROUTINE CONTACT WITH SENIOR LEVEL MANAGERS AT BOTH THE CORPORATE OFFICES & AT THE POWER PLANTS.

MINIMUM QUALIFICATIONS:

A B.S. IN FIRE PROTECTION ENGINEERING OR RELATED FIELD OF ENGINEERING FROM AN ACCREDITED UNIVERSITY.
 10+ YEARS OF PROGRESSIVE EXPERIENCE IN FIRE PROTECTION ENGINEERING. MUST BE ELIGIBLE FOR ACCEPTANCE AS A MEMBER GRADE IN THE SOCIETY OF FIRE PROTECTION ENGINEERS.MULTI-TASK ORIENTED, EXCELLENT WRITTEN & ORAL COMMUNICATION SKILLS, & DEMONSTRATE EXCELLENT ANALYTICAL, CREATIVE PROBLEM SOLVING, CUSTOMER FOCUS, & LEADERSHIP SKILLS. PROFESSIONAL ENGINEERING REGISTRATION BY EXAM IN FIRE PROTECTION IN THE STATE OF TENNESSEE IS REQUIRED. COMPREHENSIVE KNOWLEDGE & IN-DEPTH ABILITY TO USE FIRE PROTECTION ENGINEERING THEORY, PRINCIPLES, PRACTICES & STATE-OF-THE-ART TECHNOLOGY. EXPERT WORKING KNOWLEDGE OF BOTH FIRE SUPPRESSION & FIRE DETECTION SYSTEMS & THE NECESSARY MECHANICAL & ELECTRICAL INTERFACES BETWEEN THEM & OTHER BUILDING SYSTEMS.PROFICIENT IN FLUID HYDRAULIC THEORY TO EVALUATE & DESIGN WATER BASED FIRE SUPPRESSION & WATER SUPPLY SYSTEMS.

TVA WIDE Salary Policy

HOW TO APPLY – Complete form TVA 9824.

Send Completed form *along with* your resume or

Posting Date: 07/26/2012

list of qualifications to HR Transaction Processing at:

Closing Date: 08/06/2012

hrtransaction2@tva.gov - (preferred method)

Applications received after closing date are not entitled to consideration, but may be considered at the option of TVA

Signature not required if e-mailed

Or via interoffice mail to HRTP -LP 3A-C

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DIVISION	SCHEDULE CE	GRADE C	MARKET RANGE \$79,120.00 - \$118,680.00
DEPARTMENT ARCHITECTURE & ENGINEERING	ANNOUNCEMENT NUMBER 31403		

**Fire Protection Research Foundation Symposium on
Fire Safety Design and Sustainable Buildings:
Challenges and Opportunities
November 7 - 8, 2012**

The Fire Protection Research Foundation, in collaboration with Chicago and Illinois Chapters of the American Institute of Architects, the Chicago Highrise Committee, the Society of Fire Protection Engineers and the Council on Tall Buildings and Urban Habitat presents this symposium at the Courtyard Marriott Chicago Downtown/Magnificent Mile. This symposium will feature perspectives from architects, engineers, the sustainability community, and research institutions on the challenges and opportunities of integrating fire safety and sustainable design. The goal of this event is to bring the fire protection and architectural communities together to discuss these topics and share ideas and best practices for sustainable fire safe design. For more information, [visit the conference website](#).

**NJ SFPE Chapter Attains
Excellence Award from National**

We are pleased to announce that our chapter is a 2012 recipient of the Silver Chapter Excellence Award. We wish to thank all those on the board and the various committees that have volunteered that time and efforts to attain this level of recognition. The chapter will be recognized during the SFPE Senate Meeting in Savannah, Georgia on Sunday, October 14.

The NJ Chapter Celebrates its 35th Year

The first organizational meeting was held on Dec. 9, 1976, at the Allendale Mutual Insurance office in Short Hills, N.J. with seven national members in attendance as well as members from the New York Metropolitan Chapter. To quote from the meeting minutes, "It was decided that a chapter would be most beneficial to those involved in the northern sector of New Jersey. It was further felt that the amount of work necessary to provide a chapter would be no more than that necessary to provide a branch of the New York Chapter."

The second organizational meeting was held on Jan. 24, 1977 at the same Allendale location with ten national members and executive director D. Peter Lund in attendance. Bob LeBlanc was elected as interim president.

The first unofficial chapter meeting was held on Feb. 28, 1977 at the Allied Chemical Corporate headquarters in Morristown, N.J. with 50 prospective members in attendance.

A chapter status request along with the names of 84 charter members was submitted to the National SFPE board of directors on March 2, 1977. Those organizational meetings culminated in a charter that was signed by D. Peter Lund, executive director, and William H. McClarran, president, on April 4, 1977. This charter signified the formal establishment of the twenty-eighth chapter of the society.

The first official meeting was also held at the Allied Chemical corporate headquarters in Morristown, N.J. on April 26, 1977. Bill McClarran, president of National SFPE presented us with our charter.

A Word About Our November 5 Technical Meeting - "Clean Agent Fire Suppression, Sustainability and Safety"

David Olds AIA, LEED AP BD+C will be our speaker. He is the US 3M sales representative for Novec 1230 Fire Protection Fluid. David has been a licensed practicing architect since 1994. As past Vice president of a leading Minnesota Design firm, David has concentrated on municipal and county public building projects with an emphasis on special fire hazards. As LEED project manager and signature architect he recently guided to completion the first LEED (version 2009) Gold municipal building in the nation. He brings that experience and perspective to Novembers meeting discussing fire protection solutions in a highly regulated industry, that is, the protection of critical assets with clean extinguishing agents.

The presentation is titled, "Clean Agent Fire Suppression, Sustainability and Safety". The program covers the NFPA standard 2001 agents used for total flooding fire suppression. These agents are used in the data center, telecommunication, museum, artifact, library and critical asset markets. Use of these clean agents are meant to suppress the fire before fire suppression water systems are needed, thus preventing water from damaging critical assents and business continuity. The continuing education program is one hour. It is also is AIA/CES approved if any architects wish to attend. Learning objectives of the seminar include:

- Understand the history and use of NFPA 2001: Standard on Clean Agent Fire Extinguishing Systems and why it was developed to protect the environment.
- Learn how clean agent fire protection may be used in projects to eliminate ozone depletion potential, lower global warming potential, conserve water in specific regions and work within potential government environmental regulations globally.
- Discover how to use clean agent fire suppression to satisfy USGBC LEED prerequisites and credits.

Gain an understanding of how these environmentally sound clean agents impact safety margins and new developments in HVAC design.

Please join us for Novembers meeting to learn about these important environmental, safety and fire protection issues.

Inherent Safety Design and Technology: "Inherently Safer: The Future of Risk Reduction" Examines how Industry Can Eliminate or Reduce Hazards

The US Chemical Safety Board today released a new safety video that examines the concept of inherent safety and its application across industry; "Inherently Safer: The Future of Risk Reduction" stems from the August 28, 2008, explosion that killed two workers and injured eight others at the Bayer CropScience chemical plant in Institute, West Virginia. As a result of ongoing concern regarding the safety of the facility Congress directed the CSB to commission the National Academy of Sciences (NAS) to study the feasibility of reducing or eliminating the inventory of methyl isocyanate (MIC) stored at the Bayer plant. While this was done for the Bayer Plant, the process followed can be applied to many types of risks and processes. The 11 Minute You Tube video can be viewed at: www.youtube.com/uscsb.

Reminder to Advertisers in the Fusible Link

For those Advertising or wishing to advertise in the Fusible Link for the 2012-13 term using a business card, please forward your \$100 check made out to the "NJ Chapter SFPE" and forward it to the attention of:

Vicki Lynn Serafin

Executive Secretary to Board

P.O. Box 8268

Parsippany, NJ 07054-1196

Phone: 973-541-6771

Fax: 973-541-6906

NJ Chapter Sponsors Chapter Member Trip to FM Research Campus - October 19

For this year's Fall Bus Trip (Friday, October 19) we will visit the FM Global 1,600 acre Research Campus in Rhode Island. This complex is the premier center for property loss prevention scientific research and product testing and one of the most innovative research and testing centers in the world. There are four main labs: Fire Technology, Natural Hazards, Electrical Hazards and Hydraulics. We will visit each. See attached flyer and make your reservations today. Limit will be for 40. New Jersey Chapter members only! Note: The bus leaves at 5 am sharp from the FM Global parking lot in Parsippany.



FALL BUS TRIP

Friday October 19, 2012

Leaves from FM Global Parking Lot
Parsippany, NJ

5:00 am SHARP

FM Global Research Campus, Rhode Island

This year we will visit the FM Global 1,600 acre Research Campus which is the premier center for property loss prevention scientific research and product testing. This facility is one of the most innovative research and testing centers in the world. There are four main labs: Fire Technology, Natural Hazards, Electrical Hazards and Hydraulics. We will visit each. You DO NOT want to miss this trip !!! It is a full day and includes morning coffee and lunch.

Note: The bus will leave at **5:00 am SHARP** from the FM Global parking lot behind 400 Interpace Parkway, Parsippany, NJ 07054. This is the normal bus boarding location we used for past trips. There are a limited number of seats – 40 First Come First Served. Dress is casual. Bus should be back in Parsippany by 6 pm.





Registration Form

Price for the Bus Trip is \$ 30

Note: This trip is open to NJ Chapter members ONLY

Name _____

Company _____

E-mail address _____ Phone Number _____

Amount Enclosed \$ _____

(Make checks payable to "NJ Chapter SFPE")


Mail to: NJSFPE Bus Trip 2012
c/o Vicki Serafin
P.O. Box 8268
Parsippany, NJ 07054
Fax 973-541-6906

Questions or to reserve your seat in advance, please call Vicki Serafin at 973-541-6771.

This trip is being sponsored in part by FM Global NY Operations and Affiliated FM –NY.
The Chapter would like to thank both sponsors for their continued support
and for helping to make this trip possible.

Meeting Dates/Programs 2012-2013


Oct. 19	FM Global Research Campus, West Gloucester, R.I.—Bus Trip
Nov. 5	Clean Agent Fire Suppression, Sustainability and Safety" – Speaker David P. Olds, AIA, LEED AP BD & C
Dec. 3	NJ Division of Codes and Standards: What's new and on the horizon for New Jersey as well as a review of current codes and standards required by the state
Jan. 7	NFPA 25 and 3rd Party Inspection, Testing and Maintenance—Speaker: Russ Fleming, <i>President National Fire Sprinkler Association</i>
Feb. 4	Designing of Foam systems and the challenges that go along with making these systems work—Speaker: Jim Schwander, <i>Territory Manager Foam Systems - East and Central Regions USA, Tyco Fire Protection Products</i>
March 4	NFPA speaker to review trends in fire loss statistics—Speaker: Marty Ahrens, <i>Fire Analysis and Research Division: National Fire Protection Association</i>
April	Joint NY/NJ Seminar
May 6	Reliable Valve Trailer and NJFSAB Fire Sprinkler Burn Trailer—Speaker: Tom Fields
June 3	Chemical Safety Board speaker on Large Loss Causes and Lessons Learned ANNUAL MEETING—Officer & Director Elections



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2011-2012 CHAPTER COMMITTEES

STANDING COMMITTEES

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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

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Joe Janiga - Co-Chairman

Career Recruitment
Al Dopart, Chairman
Dave Gluckman
Glen Buser
Marios Michaelides
Donna Spano

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/>

AFFSA <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://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

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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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@affiliatedfm.com