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Society of Fire Protection Engineers

New Jersey Chapter

FUSIBLE LINK

APRIL 2008

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President's Message



My thanks to Rich Reitberger and Todd Vasquez of FM Global who served as our presenters at last month's meeting. We had a very informative discussion and unique demonstration titled, "Internet Tools and Resources." Based on an NFPA report released on March 18, 2008, cooking was involved in an estimated 146,400 home structure fires in the United States in 2005. Cooking fires accounted for 40 percent of the home structure fires in 2005, and these cooking fires resulted in 480 deaths, 4,690 injuries, and \$876 million in direct property damage.

According to "[Home Fires Involving Cooking Equipment](#)" reports, cooking equipment left unattended was a factor in ignition in 38 percent of home structure fires for 2002-2005. Unattended cooking was the leading contributing factor in home cooking fires, followed by combustibles too close to a heat source, and equipment being unintentionally turned on or not turned off.

Cooking was also the leading cause of home fire injuries, accounting for 36 percent of home structure fire injuries in 2005. These injuries were especially likely to occur during attempts to fight the fire. In home structure fires involving cooking equipment for 2002-2005, 59 percent of injuries occurred while fighting the fire, compared to 35 percent of injuries in all other types of home structure fires.

"Cooking results in more home fires and fire injuries in the United States each year than anything else and nearly all of these fires can be prevented with a little extra care," said Lorraine Carli, NFPA's vice president of communications. "Simply paying attention when you are cooking will keep your dinner and everything else from getting burned."

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Home cooking fires peak between 5 and 7 p.m. Extra cooking, as on major U.S. holidays, often means extra home cooking fires. Typically, more cooking fires occur on Thanksgiving than on any other day of the year. NFPA offers the following safety tips:

- Stay in the kitchen when you are frying, grilling, or broiling food. If you leave the kitchen for even a short period of time, turn off the stove.
- If you are simmering, baking, roasting, or boiling food, check it regularly, remain in the home while food is cooking, and use a timer to remind you that you're cooking.
- To prevent cooking fires, you have to be alert. You won't be if you are sleepy, have been drinking alcohol, or have taken medicine that makes you drowsy.
- Keep anything that can catch fire – potholders, oven mitts, wooden utensils, paper or plastic bags, boxes, food packaging, towels or curtains – away from your stovetop.
- Keep the stovetop, burners and oven clean.
- Keep pets off cooking surfaces and nearby countertops to prevent them from knocking things onto the burner.
- Wear short, close fitting or tightly rolled sleeves when cooking. Loose clothing can dangle onto stove burners and can catch fire if it comes in contact with a gas flame or electric burner.

Finally, our 2008 Technical Seminar is set for Tuesday, April 22 at the Holiday Inn at Newark Liberty Airport. The topic of the morning session will be New Products for Smoke & Fire Detection Systems – Application & Design and the topic for the afternoon session will be New Products for Suppression Systems – Application & Design. This will be a great seminar so now is the time to register.

I look forward to seeing everyone at our seminar on April 22, 2008.

David Gluckman
NJSFPE Chapter President

NJ SFPE Membership Meeting Minutes March 3, 2008

The March meeting was held at the Hanover Manor, our usual venue. Chapter President Dave Gluckman presided. The minutes of the February meeting and the Treasurers report were read and accepted by the membership. Rich Reitberger reminded the group that our

upcoming Technical Seminar will be held at the Holiday Inn at Newark Liberty Airport on April 22nd. There is a full schedule of presentations by representatives of both the fire protection and detection fields. There will also be a mini trade show where the presenters and vendors will exhibit the latest protects and technology in both of

these important technological areas. Rich and Todd Vazquez of Affiliated FM gave a presentation at the meeting on internet tools available to the engineer and live demonstration on line of the internet sites and web pages available. The meeting concluded after the presentation.

Warning: Hot Coffee!

The following is an article from the US Fire Administration/National Fire Academy dated February 12, 2008

Topic: Fire Door Inspections



This fire door assembly failed during the Super Sofa Store June 18, 2007 fire. Photo courtesy NIST Building and Fire Research Laboratory.

Learning objective: The student shall be able to identify components of a fire door inspection and test.

Fire doors, or “opening protectives,” are an essential component in maintaining the integrity of fire-resistive barriers that have openings. Investigators have found that several of the required overhead fire doors installed in the Super Sofa Store failed to operate during the June 18 fire in Charleston, SC where nine firefighters died.

Fire codes require that fire door assemblies are inspected and tested not less than once each year. Functional tests — especially so-called “drop tests” of overhead coiling steel doors — should be conducted only by trained and competent persons who are familiar with the door assemblies being tested.

For fire door inspections, check that:

- The fire door assembly rating label is visible and legible. It may be located on the upper surface above the top rail.
- The door is not damaged or modified improperly, and the view window (if it has one) is secure and contains the correct glazing.
- Cables, chains, rollers, fusible links, and other moving parts are not painted or otherwise damaged. Fusible links that have been painted should be replaced.
- Cables and/or chains on sliding doors are in good condition and operate properly.
- There are no obstructions that may interfere with the door’s operation.
- The closer and latch work.
- Swinging door hinges are secure.
- The door coordinator for multiple doors works.
- Tin-clad or Kalamein doors have no dry rot.
- Hinges on swinging doors and rollers on sliding doors have been lubricated.
- Sash chains used in rolling fire door release assemblies are the manufacturer’s original equipment.
- Cables and chains in overhead coiling steel door assemblies do not make more than a 90-degree bend.

Written records of the inspection and functional tests — and any repairs that were made — should be signed by the inspecting agency and kept for the fire code official to review.

For additional information, refer to *International Fire Code*[®], Chapter 7; NFPA 1, *Uniform Fire Code*[™], Chapter 12; or NFPA 80, *Standard for Fire Doors and Other Opening Protectives*.

New Jersey Division of Fire Safety

In the event that you should have an issue of question regarding NJ fire codes, the following contact list may be of help to you:

**DIVISION OF FIRE SAFETY
County Fire Code Representatives
County Responsibilities
Code Questions & Assistance**

Paul Allen, Supervisor

Tel. # (609) 633-6111

Email pallen@dca.state.nj.us

NORTHERN FIELD REPRESENTATIVES

George Cramer

Tel. # (609) 633-6112

Email: gcramer@dca.state.nj.us

10-Hunterdon, 11-Mercer, 14-Morris,
18-Somerset, 19-Sussex, 21-Warren

Paul Elenio

Tel. # (609) 633-6147

paul.elenio@dca.state.nj.us

02-Bergen, 07-Essex, 09-Hudson,
16-Passaic, 20-Union,

CENTRAL FIELD REPRESENTATIVES

Frank Clark

Tel. # (609) 633-6738

Email: fclark@dca.state.nj.us

01-Atlantic, 03-Burlington, 12-Middlesex, 13-Monmouth, 15-Ocean

SOUTHERN FIELD REPRESENTATIVE

George Beckett

Tel. # (609) 826-5551

Email: george.beckett@dca.state.nj.us

04-Camden
05-Cape May
06-Cumberland
08-Gloucester
17-Salem

Society of Fire Protection Engineers
New York & New Jersey Chapters



Annual Golf Tournament
MONDAY June 23, 2008
West Point Golf Course
West Point, NY
845-938-2435
www.usma.edu

FOR THE BENEFIT OF THE SCHOLARSHIP FUND
Outing Highlights Include:

- Limited Openings to the First 144 player reservations – no exceptions
- 7-8 a.m. Continental Breakfast & Registration - 8:30 a.m. **Shotgun Start**
- Greens Fees & Cart Included - Four Person Scramble Format
- BBQ Buffet following play – performance and door prizes
- Prize Sponsors and Donations are Welcomed

\$125 Per Person
\$140 If Payment is Received After June 12th

Make checks Payable To: "NJ Chapter SFPE"

-----COMPLETE, DETACH & SUBMIT PORTION BELOW -----

	NAME	COMPANY / UNIT	PHONE or EMAIL
Cart 1			
Cart 1			
Cart 2			
Cart 2			

Amount enclosed: \$ _____ Group Contact: _____

Contact Phone _____

Return this portion with your payment to: NJ Chapter SFPE Golf Outing
c/o Vicki Serafin
P.O. Box 8268
Parsippany, NJ 07054



Society of Fire Protection Engineers
New Jersey Chapter
Proudly Announces

SPRING TECHNICAL SEMINAR 2008

Tuesday April 22, 2008
Newark Liberty Airport, Newark, NJ

Time: 8 am to 4 pm **Place:** Holiday Inn
160 Frontage Road
Newark, NJ 07114
973-466-9291

Morning

New Products for Smoke & Fire Detection Systems – Application & Design

AxonX LLC

Mac Mottley, CEO will present the AxonX product line specifically the suite of SigniFire products which include the FSM-8 SignaFire processing unit (DVR), SpyderGuard monitoring software and SignaFire fire, smoke and intrusion detection network camera. Leading edge technology of video smoke detection.

FFE (FireRay)

Bob Baker, Director of Sales – Americas Fire Fighting Enterprises will brief on their FireRay 5000 Reflective Beam Smoke Detector which is an auto-adjusting infrared beam detector with LASER assisted prism mounting and *AutoOptimize* beam alignment.

Micropack Detection Americas, Inc.

Adrian Lloyd, National Sales Manager will outline his companies imaging based flame detector equipment. The Micropack FDS-101 is an imaging based flame detection system which performs two functions, flame detection and CCTV surveillance.

Lunch – Tiffany Room – Buffet

Afternoon

New Products for Suppression Systems – Application & Design

Factory Mutual (FM) Approvals – Automatic Sprinkler Head Testing

Rich Reitberger, Affiliated FM. What does it take for an automatic sprinkler head to “measure up” to be FM Approved. A short little story of testing, abuse and performance.



Pac Pump Systems

Bill Casey, will showcase the latest in fire pump and controller technology. Along with Bill, also presenting will be Ken Mattevi of Joslyn Clark controllers and a representative of Columbia Tank.

Victaulic

Stan Funk will present new water based suppression systems and the latest in pre-action fire sprinkler systems.

Viking

Todd Stevens and Bill Phair will brief on new products and systems developed and marketed by Viking.

Course CEUs will be awarded for those who attend (0.6 CEU/6.0 contact hours).
Coffee and Danish will be served in the AM. Buffet lunch served at Noon.

REGISTRATION FORM

Price for the seminar is \$80
(Make checks payable to "NJ Chapter SFPE")

Name _____

Company _____

Address _____ Phone No. _____

City _____ State _____ Zip _____

e-mail address _____

Amount Enclosed \$ _____

Mail to: NJSFPE Spring Seminar 2008
c/o Vicki Serafin
P.O. Box 8268
Parsippany, NJ 07054

Questions or to reserve your seat in advance, please call Vicki Serafin at 973-541-6771
Directions to the Holiday Inn, Newark Liberty Airport are attached.



Directions



From North
Take Route 1 or 9 South and watch for Airport sign. Take Frontage Road at immediate right.
From New Jersey Turnpike take Exit 14. After the toll plaza make the 2nd right - see sign marked Frontage Road.

From West
From I-78 East, take Exit 58-B Frontage Road Exit. Stay on Frontage Road, and the hotel will be on the right.

From South
From Route 1 or 9 North, exit Frontage Road and follow ramp to hotel.

Holiday Inn
Newark Liberty Airport
160 Frontage Road
Newark, NJ 07114
973-466-9291

Meeting Dates/Programs 2007-2008

DATE	TOPIC
April 22, 2008	Chapter Spring Seminar— New Products—Their Applications for Detection and Suppression Systems— Various speakers. Location: Holliday Inn, Newark Airport
May 5, 2008	Plastic Panels, an Update—Joe Janiga, FM Global
June 9	The Case for Automatic Sprinklers in Habitational Occupancies—Russ Fleming and Vinny Fichera, NFSA Annual Meeting—Election of Officers
June 23	Joint NJ/NY Golf Outing to benefit Scholarship Fund

Associated fire Protection

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Edward B. Armm, SET



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earmm@rjagroup.com

JMCC

John M. Cholin P.E., S.F.P.E.

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Fire Protection Engineering and Consulting Services
101 Roosevelt Drive, Oakland NJ 07436 USA
Telephone: 201-337-8621 Fax: 201-337-5603

SLICER & ASSOCIATES
Fire Protection and Loss
Prevention Consulting

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

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GB RISK CONSULTING

Glenn D. Buser, P.E.
201-891-1405
201-450-7559 (Cell)

GB Risk Consulting, LLC
155 Moramarco Court
Mahwah, NJ 07430
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Robert Polinski
National Account Manager

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Cell (973) 476-6132

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Affiliated FM
400 Interpace Parkway, Bldg C
3rd Floor
Parsippany, NJ 07054-1196
Phone: (973) 541-6771
Fax: (973) 541-6909

MEETING NOTICE

- Date:** April 22, 2008
- Place:** Holiday Inn
160 Frontage Road
Newark, NJ 07114
- Price:** \$80.00
- Dinner:** 8:00-4:00 PM
Buffet lunch served along with Continental breakfast
- Speaker(s):** Various speakers. Location: Holliday Inn, Newark Airport
- Topic:** Chapter Spring Seminar— New Products—Their Applications for Detection and Suppression Systems

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

PLEASE FILL OUT AND FORWARD ATTACHED REGISTRATION FORM.



2007-2008 CHAPTER COMMITTEES

STANDING COMMITTEES

Program

Ed Armm, Chairman
Consulting - Nick Chergotis & Peter Rullo

Arrangements

Vicki Serafin, Chairperson

Membership

John Cholin, Chairman

Nominating

Glenn Dietz, Chairman
Chuck Gandy
Glenn Buser

Scholarship Fund

Chuck Gandy, Chairman
Ed Armm
Mike Machette
Rich Reitberger
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Auditing

Joe Janiga, Chairman
John Warnet

Archivist

Rich Reitberger, Chairman
Nicole Davidowitch

Historian

Jim Tolos

Communications

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

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Jim Tolos, Chairman
Joe Janiga - Co-Chairman

Career Recruitment

Al Dopart, Chairman
Glenn Deitz
Dave Gluckman

Golf Outing

Richard Reitberger, Chairman
Joe Janiga

Awards

Frank Savino, Chairman
Rich Reitberger

PE Examination

John Cholin, Chairman
Joe Janiga
Mike Newman
Chuck Gandy

Chapter Seminar/Field Trip

Richard Reitberger, Chairman
Dave Gluckman
Joe Janiga

Legislative

Rich Reitberger, Chairman
Vinnie Fichera
Jerry Naylis

Finance

Rich Reitberger - Chairman
John Cholin