



# Society of Fire Protection Engineers

New Jersey Chapter

Interim Editor Fusible  
Link: Brad Hart & Ana  
Crisostomo  
Tel. (212) 837-0827  
Fax (212) 344-3060

**President** – Chuck Gandy – 973-398-1445  
**First V.P.** – Sarge Slicer – 973-541-6718  
**Second V.P.** - Rich Reitberger – 973-541-6776  
**Past President** – Joe Janiga – 973-541-6774  
**Director** - Pat Egan - 973-402-2200  
**Director** - Frank Savino - 908-688-0300

**Treasurer**– Glenn Deitz – 973-822-7396  
**Asst. Treasurer** – John Cholin – 201-337-8621  
**Secretary** – Dave Gluckman – (973) 410-4635  
**Asst. Secretary** – Brad Hart – 212-837-0827  
**Director** - Bob Murray - 732-205-9440  
**Director** - Edgar Novoa - 732-868-2357

## FUSIBLE LINK

[www.njsfpe.com](http://www.njsfpe.com)

November 2001

### NJ-SFPE Membership Meeting Minutes 10/1/01

1. Chuck Gandy opened the meeting by announcing the members of the SFPE who were lost in the World Trade Center disaster. A moment of silence followed. A roster of all the National SFPE members was distributed for review.
2. Chuck read a poem written by Scott Lacey of the Arizona Chapter.
3. The secretary read the minutes from the September 10, 2001 meeting which were accepted.
4. The treasurer's report was read and accepted. Dues notices have been distributed so they should be returned as soon as possible. The membership is asked to provide e-mail address so the Fusible Link can be sent electronically due to the high cost of printing and postage.
5. Pete Rullo asked all members attending future meetings to please let him or Mike Newman know by the Friday before the meeting if you plan on attending. There have been a huge percentage of walk-ins which create problems for the facility's meal planners.
6. Sarge Slicer gave a report about the World Trade Center disaster with regard to how the NJ Chapter will respond. The NJ Chapter will donate \$4,000 from its operating fund to the family relief fund. We would like to donate at least an additional \$1,000 from the general membership.
7. Please send any articles to Brad Hart for possible inclusion into the Fusible Link.

8. The last SFPE review course is taking place tonight and a test problem review session is being planned for the near future. A sign up sheet will be passed around for anyone interested in participating.



9. The annual seminar will take place on 4/5/02 and will be at the Hanover Manor. An NJ SFPE 25th anniversary celebration is being planned for after the seminar. The golf outing is tentatively planned for 6/10/02.

10. Joe Janiga received his past president award.

11. Various job announcements were mentioned. The NY Chapter's monthly meeting is on October 30 and the guest

speaker will be Russ Fleming. If you are interested in serving on the Nomination's Committee, contact Joe Janiga.

12. Kevin Maughan, Manager Product Development for Tyco Fire Products, gave a technical presentation. Three topics were presented which included a detailed review of the GB O-ring replacement program, information regarding automatic sprinklers for refrigerated containers and a demonstration of the SprinkCode computer program.

### Technical Presentation Summary

Kevin Maughan, Manager Product Development for Tyco Fire Products, gave a technical presentation regarding various topics. The first topic presented was an in depth review of the Central Sprinkler Company Voluntary Replacement Program for the 35 million glass bulb sprinklers with O-rings. These sprinklers were manufactured for dry systems since 1974 and wet systems since 1988. The "O" ring is more susceptible to debris accumulations. There have been 9 reports of incidents where these sprinklers did not operate properly in dry systems and 4 in wet systems. There are approximately 40 different models affected from Central, GEM and Star. A precise listing by manufacturer and model are contained on the web site below.

It is expected that Tyco (purchased Central) will spend a half billion dollars for this recall. Tyco will not pay for the use of competitor heads or pay a contractor for the replacement costs of competitor heads. It is estimated that it will take five to seven years for this replacement program to be completed. There are three factors, which determine the priority of replacement. This includes the condition of the existing sprinklers (e.g., leaking or corroded), the occupancy type and the age of the sprinklers. In addition, Underwriters Laboratories has changed their listing to eliminate the use of all O-ring sprinklers in the next 18 months regardless of manufacturer. To request a detailed notice packet you can call 800-871-3492. Also, property owners can call 866-505-8553 and sprinkler contractors can call 866-836-3928 for additional information. Lastly, additional information is available via the web site at [www.sprinklerreplacement.com](http://www.sprinklerreplacement.com)

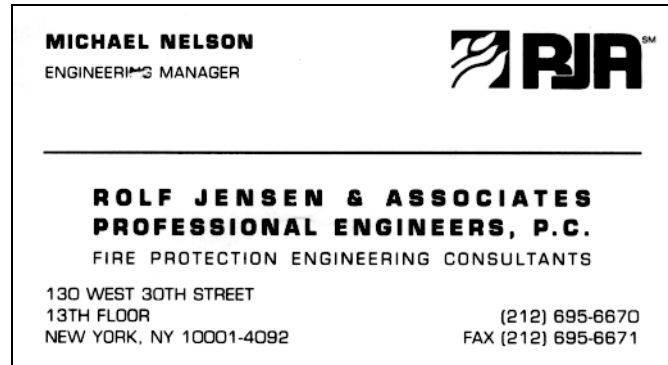
The next segment was information regarding automatic sprinklers for refrigerated containers, which contained a brief review of the pros and cons of existing dry pipe sprinkler systems used in cold storage occupancies. A new antifreeze solution comprised of potassium lactate is scheduled to be available for use in late 2001. This "Fluid B" will provide protection from 10 degrees F to -20 degrees F and can be used with K 25 ESFR sprinklers.

Lastly, we were given a brief demonstration of Tyco's SprinkCode computer program. Based on the demonstration given, we were able to develop several different sprinkler design criteria for a warehouse type occupancy per NFPA guidelines. A demonstration packet is available by calling 800-495-5541.

## A Message from Our Past Chapter President, Joe Janiga

As you may have heard, the NY Metro Chapter has established two relief funds, (1) for the families of the lost members of the SFPE Society or Chapters, and (2) for the families of the lost emergency responders. Yesterday the NJSFE board of directors passed a motion to make a contribution to the members' families out of the Chapter's operating fund.

We encourage each member to please contribute some way to the relief and we are providing ways for you to do so.



1. You can send a check to our treasurer, Glenn Deitz at 5 Tooley Drive, Newton, NJ 07860. Your check would be made out to the "NJ Chapter SFPE" and noted for the "WTC Relief Fund." We will forward all those funds collected to the NY Metro Chapter for the SFPE members' families' relief fund in the name of the members of the NJ chapter.

2. You can send a check to the NY Metro Chapter directly to John Durante, the incoming NY Metro

chapter President.

3. Note that your contribution (sent to Durante @ NY) can be made out to the SFPE Educational & Scientific Foundation which is a certified 501c3 charitable organization and may qualify for matching contributions by your employer.

Plan to attend our November 5 meeting where we can discuss this all further. Glenn will be there to accept your donation, check, or cash, at the meeting as well.

Pray for the victims, their families, for all those working to recover from this tragedy. And pray for our great country and the freedom it upholds.

## Highly Protected Risk (HPR) Property Specialist

TVA Fire & Life Safety is looking for several HPR engineers to work out of our NJ office. Other positions throughout the US are also available. The candidate will advise customers for the purposes of safeguarding property against fire, explosion, and related hazards by performing the following duties:

- ◆ Conducts detailed surveys of industrial and commercial properties to obtain construction, occupancy, protection and exposure details.
- ◆ Evaluates adequacy of protection.
- ◆ Reviews plant conditions to determine largest potential catastrophic loss (Maximum Foreseeable Loss).
- ◆ Prepares detailed engineering reports in a timely fashion to confirm survey findings and outline recommendations.
- ◆ Analyzes exposures, prioritizes needed improvements and provides loss prevention/control advice to existing and prospective customers.
- ◆ Develops protection requirements for new construction projects and evaluates proposed safeguards through review of plans and on-site inspections.
- ◆ Prepares correspondence to communicate engineering findings and recommends priorities.
- ◆ Maintains regular contact with customers to resolve loss prevention/control issues; suggests alternative solutions to recommendations.

## QUALIFICATIONS

Bachelor's degree (B. S.) in an applicable engineering discipline or equivalent combination of education and experience is required. Three years experience with an HPR firm is preferable. Working knowledge of Factory Mutual and NFPA Standards.

Excellent communication and interpersonal skills. Ability to respond to inquiries from customers. Must possess the ability to read, analyze, and interpret full sets of blueprints, professional journals, technical procedures, or governmental regulations. Must possess the ability to write reports, business correspondence, and to effectively present information and respond to questions from customers.

Please contact Chuck Gandy, TVA Fire & Life Safety, 200 Valley Road Suite 306, Mt. Arlington, NJ 07856-(973) 398-1445 x4514, fax (973) 398-1442, e-mail [cgandy@tvafiresafety.com](mailto:cgandy@tvafiresafety.com).

Join **Aerotek**, one of the leading providers of engineering support professionals in North America.

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For information on current openings, please call Kellie Burke at 800-813-2353 or email: [kburke@aerotek.com](mailto:kburke@aerotek.com)

457 Haddonfield Road, Suite 610 Cherry Hill, NJ 08002

Please check out [www.thingamajob.com](http://www.thingamajob.com) and [www.aerotek.com](http://www.aerotek.com)

### **NEW JERSEY STATE BOARD OF PROFESSIONAL ENGINEERS & LAND SURVEYORS**

The NJ State Board of Professional Engineers is a department in the Division of Consumer Affairs in the Department of Law and Public Safety (DLPS). The DLPS is headed by Attorney General John J. Farmer, Jr. The Director of the Board is Mark S. Herr. Board members are:

President	James D. Kelly, Esq. P.E.
Vice-President	Pravin H. Patel, P.E.
	Theodore D. Cassera, P.E.
	Richard H. Frantz
	Edward Vernick, P.E.
	Louis A. Raimondi, P.E., L.S.
	Robert C. Bogart, P.E., L.S.
	Robert Marshall, P.E.
	Rishi S. Raj, Ph.D.
	Albert N. Faraldi, P.L.S

All meetings of the Board take place at 124 Halsey Street, Newark, NJ 07101. The Board's Web Site can be accessed directly at:

<http://www.state.nj.us/lps/ca/nonmed.htm#eng8>

In addition to a directory of licensees, complaint forms along with an explanation of the complaint process are available for downloading.

Also, available are applications and directions Professional Engineers and for minutes of publish meeting for 2000 through February 1, 2001.

The web site for detailed information on examinations and test formats for all engineering disciplines from the National Council of Examiners for Professional Engineers is at <http://ww.ncees.org>.

### **\*\*LOSS CONTROL CONSULTANT NEEDED\*\***

**Starr Technical Risks Agency, Inc.**, is seeking a Loss Control Consultant with experience in "energy" and related classes of business. The selected individual will spend approximately fifty percent of his/her time conducting loss control surveys at insured's and prospective insured's sites, primarily in the Northeastern part of the U.S. The Consultant will develop market reports, interview prospective clients and make recommendations. The remainder of this person's time will be spent in the New York Regional office, writing reports and supporting the underwriting activities of the staff. Further details of this position are contained in the September and October issues of the *Fusible Link*.

Qualified candidates can contact Rhonda Clarke at:

Phone Number: 212-770-5099.



### **\*\*HPR Loss Control Consultant Needed\*\***

Zurich North America has an exciting, new opportunity for an HPR Loss Control Consultant in the NJ area. This individual will provide consultative Risk Engineering Services to customers, business partners and Claim Specialists within an assigned territory and will be responsible for risk identification and reduction for assigned locations/accounts.

This person will be accountable for acting as an owner and working to improve the organization. Candidate must be proficient in insurance coverage and working knowledge of the Highly Protected Risk (HPR) Property Business segment. Further information on this position is contained in the September and October issues of the *Fusible Link*.

Qualified candidates can contact Mandy Kelleghan at:  
Phone Number: 877-847-6593 x7416  
Fax Number 847-413-5206  
Email [mandy.kelleghan@zurichna.com](mailto:mandy.kelleghan@zurichna.com)



### **FM GLOBAL JOB OPENINGS**

FM Global's Parsippany, NJ office has several job openings for engineers and underwriters in their HPR and Commercial Properties divisions. If you are interested in applying for any of the following you can e-mail your resume to [joseph.janiga@fmglobal.com](mailto:joseph.janiga@fmglobal.com) or call Joe at 973-402-2200x6774.

**Account Engineer-** In this position, you will work directly with the underwriters to evaluate and assess the nature, probability, and magnitude of loss potential and communicate this to the customer and account team. You'll prioritize exposures, ensure the customer understands the hazards and risk to their facilities, find agreeable solutions, and you'll implement needed changes. Through teamwork with FM Global field engineering, underwriting, claims and new business development, you'll provide leadership and responsive service with innovative solutions to challenges that will foster long-term customer relationships.

The candidate should have an engineering Degree and at least 3 years F&EC field engineering experience. Must have excellent communication, analytical, presentation, sales, time management, and teamwork skills. Strong leadership, risk identification, quantification, and assessment skills are required. Effective problem solving and computer skills are needed. About 20% overnight travel is anticipated.

**F&EC Loss Prevention Consultant** - The person(s) in this position will be responsible for loss prevention evaluations and risk improvement for a wide range of occupancies in the NJ/NY metropolitan region.

The candidate should have a B. S. degree in an engineering discipline. The candidate should have excellent written and verbal communication skills along with strong interpersonal skills. Additional skills include computer competency in current technology and software, excellent

time management skills and the ability to work independently from a home office. Expected overnight travel is approximately 10-25%.

**GEORGE KOUTSOUBIS PE**  
SENIOR ENGINEER

**ALPHA~OMEGA ENGINEERING PA**  
235 Water Street • Perth Amboy NJ 08861  
Tel 732.826.6162 • Fax 732.324.0057  
For More Info: [www.AOServices.Net](http://www.AOServices.Net)

**Account Manager** - This position is responsible for providing the servicing and underwriting on new and existing accounts as assigned by the Unit Management. The position is accountable for establishing and nurturing client relationships as well as balancing adequate income, policy terms and conditions, and risk selection. Other responsibilities involve premium collection, negotiating reinsurance and policy construction. The candidate should have a Bachelors Degree in Engineering or Business, a minimum of 5 years of experience with HPR business, excellent interpersonal, organizational and communication skills. A working knowledge of Microsoft Office products is necessary.

UNITED FIRE PROTECTION CORP.  
Union, NJ 07083 • (908) 688-0300

Fire Alarm	Inergen
FM-200	Carbon Dioxide
FE-13	Foam

Authorized distributor for:  
Fenwal • Ansul • Notifier

**Affiliated FM Production Underwriter** - This position is responsible for developing and maintaining a profitable book of property business. This includes marketing, developing and maintaining relationships with a group of core brokers within an assigned territory. This will involve overnight travel. Responsibilities include risk selection, rating and pricing, terms and conditions, capacity commitment, reinsurance placement, policy construction, loss control needs and ongoing account management. The individual is expected to work with minimal supervision while carrying an above average workload, be capable of developing saleable alternatives for our customer's unique needs and professionally represent Affiliated FM. The candidate should have a Bachelor's Degree in Engineering or Business, and a loss prevention engineering background as well as a desire to learn underwriting and the production of business in the Northeast United States. Excellent marketing, sales, communication and organizational skills are required. Detail oriented and working knowledge of MS Office products essential.

According to the August/September "NFPA Update" **Jim Dolan** has been appointed the regional manager of their fire code field office. He will be responsible for field outreach and support for NFPA's various fire codes by working with state and local officials and associations, as well as representing NFPA at code hearings and legislative sessions.

***The Chapter offers our sincere sympathy to Murray Cappers, a long time member, past president and friend, and his family, who lost his son in the WTC disaster.***

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# Meeting Dates/Program for 2001-2002

(Programs Subject to Change)

Watch web page concerning cancellation In case of possible inclement weather conditions

Nov. 5	Hot Work - "The Danger from Within"
Dec. 3	Surf the FP Web - Internet Resources
Jan. 7	Fly Ash Silo Explosion - John Cholin
Feb. 4	Business Continuity Planning - Larry Wenzel
March 4	HID Lighting Dangers, GE Ed Yandek
April 5	NJ Chapter Seminar - Engineering Ethics Panel Discussion, Legal Consideration in FP Design, Modeling Performance of Detectors for PBD - to be held at the Hanover Manor, Hanover, NJ
May 6	Sprinkler Fitters Union 696 Sprinkler Economics, Field Trip @ Milburn
June 3	Viking Upright ESFR

## **\*Watch Web Page for Weather Announcement**

**POSITIONS TAKEN BY SPEAKERS ARE NOT NECESSARILY THE POSITION OF THE NJ S.F.P.E.**

All meetings are held at the Hanover Manor, Eagle Rock Road, Hanover, NJ (approximately 1½ miles west of Eisenhower Parkway). Get Acquainted Hour 5:00-6:00 p.m. Adjournment is usually before 8:30 p.m. The Executive Committee meets at 4:00 p.m.

Editors Note--If you would like to advertise your company and help offset the cost of this publication, as well as having your business card in front of over 150 Fire Protection Professionals please call John Cholin at (201) 337-8621 for further information. The cost is \$100 for 10 issues.

## **COMMITTEES 2001-2002**

### Standing Committees

#### *Program:*

Mike Newman, Peter Rullo, Co-Chairs, with input from all members  
Consulting – Nick Chergotis

#### *NY Chapter Liaison:*

Rich Reitberger (Pat Egan back-up liaison)

#### *Arrangements:*

Mike Newman, Peter Rullo, Co-Chair

#### *Membership:*

Sarge Slicer, Chairman

#### *Nominating:*

Joe Janiga, Chairman  
Glenn Deitz  
Bob Murray

#### *Scholarship Fund:*

Rich Reitberger, Chairman  
Robert Hall  
Two NY Chapter members to be assigned

#### *Auditing:*

Jim Tolos  
Joe Janiga

#### *Archivist/Historian:*

Jim Tolos

#### *Communications:*

#### *Fusible Link:* Brad Hart, Interim Editor

Dave Gluckman, Asst. Editor  
Ana Crisostomo, Publishing

#### *Mailing/Automation:*

To be determined

### Special Committees

#### *Bylaws:* Jim Tolos, Chairman

Joe Janiga – Co-Chairman

#### *Career Recruitment:*

Al Dopart, Chairman  
Tom Brereton  
Joe Stavish  
Glenn Deitz  
Dave Gluckman

#### *Golf Outing:*

Richard Reitberger, Chairman  
Bob Murray

#### *Awards:*

John Ed Ryan  
Frank Savino

#### *PE Examination:*

John Cholin, Chairman  
Joe Janiga  
Mike Newman  
Chuck Gandy

#### *Joint Seminar/Chapter Seminar*

Richard Reitberger, Chairman  
Nick Chergotis  
Pat Egan  
Dave Gluckman

#### *Legislative:*

Rich Reitberger, Chairman  
Jerry Naylis  
Bob Murray  
Nick Chergotis



**Michael T. Newman, P.E.**  
**Manager**  
**Property Loss Prevention**  
**Johnson & Johnson**  
**One Johnson & Johnson Plaza**  
**New Brunswick, NJ 08933**  
**Phone: (732) 524-3224**  
**Fax: (732) 524-2196**

**MEETING NOTICE**

Date: Monday, November 5, 2001  
Place: Hanover Manor  
16 Eagle Rock Avenue  
East Hanover, NJ

Price: In Advance - \$22 At Door - \$25

Dinner: Prime Rib or Fish

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

Speaker: Rich Reitberger / Joe Janiga  
FM Global  
Parsippany, NJ

Topic: Update on Hot Work – The Hazard from Within

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

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**Please note for this meeting:**

**PLEASE COMPLETE AND RETURN WITH YOUR CHECK PAYABLE TO "SFPE N.J. CHAPTER" TO:**

**Peter Rullo**  
**Global Risk Consultants**  
**100 Walnut Avenue – 5<sup>th</sup> Floor**  
**Clark, NJ 07066**  
**Phone: 732-827-4454**

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_ TELEPHONE \_\_\_\_\_

Prime Rib

Fish

ALL RESERVATIONS SHOULD BE RECEIVED BY **FRIDAY, November 2, 2001**. TELEPHONE RESERVATIONS OR CANCELLATIONS SHOULD BE RECEIVED BY NOON OF THE MEETING DAY.