Editor Fusible Link:
Brad Hart &
Ana Crisostomo
Tel: 646-572-3920
Fax: 646-871-3920

# Society of Fire Protection Engineers

**New Jersey Chapter**

# FUSIBLE LINK

MAY 2007

**Chapter Officers**

**President**
Glenn Deitz - 908-298-2199

**First V.P.**
Dave Gluckman - 973-410-4635

**Second V.P.**
John Cholin - 201-337-8621

**Past President**
Rich Reitberger - 973-541-6776

**Treasurer**
Bob Murray - 732-205-9440

**Asst. Treasurer**
Richard Ravaioli - 908-272-0066

**Secretary**
Ed Armm - 212-695-6670

**Asst. Secretary**
Brad Hart - 646-572-3920

**Director**
Vinnie Fichera - 201-493-0999

**Director**
Glenn Buser - 201-891-1405

**Director**
John Warnet - 212-384-6200

**Director**
Jerry Naylis - 201-384-2059

**Special Executive Assistant to The Board**
Vicki Serafin

## President's Message

Hello Everyone,

April marked the 30th anniversary of the founding of the New Jersey Chapter of the Society of Fire Protection Engineers. There have been many people that have been involved with the chapter as Members, Officers and Fellows. The Chapter has made many contributions to the fire protection community through meetings, presentations, seminars and legislation. We should all be proud of the Chapter and the contributions it has made. I look forward to seeing everyone at the upcoming meetings and hope there will be some new faces. Our election of officers is just around the corner as is the warmer weather. Hoping all have a good month.

Best Regards

Glenn Deitz
NJSFPE Chapter President

### NJ Chapter Seminar – Prevention and Mitigation of Chemical, Biological, Radiological, Nuclear, and Explosive Threats

The NJ Chapter of the SFPE will be sponsoring a one day seminar on the above topic to be held at the Holiday Inn near Newark Airport on May 22.

The seminar will feature a series of experts who will discuss in detail each of the major types of threats that are associated with terrorism but will also have application to similar types of incidents not caused by terrorists. Attending this seminar will bring the participant up to date on the latest Best Practices associated with these threats and exposures. More information is contained as an attachment in this edition of the Fusible Link.

# NJ SFPE Membership Meeting Minutes March 5, 2007

The meeting was called to order at 6:00 by Glenn Deitz President; after the salute to the flag Glenn asked for a moment of silence to remember those past members that are no longer with us. This was followed by introductions by all present as is our custom.

The General Meeting Minutes for our March membership meeting were read by Ed Armm our secretary and approved by motion as published in the *Fusible Link*. The Treasurer's Report for March was read by Robert Murray our treasurer, both the minutes and treasurer's report were accepted by motion as written.

Rich Reitberger reported on our technical seminar which will be held between the hours of 8:30 am to 3:00 pm on Tuesday, May 22 at the Holiday Inn Newark Airport. The hotel is located at 160 Frontage Road, Newark, NJ phone 973-589-1000. Here is link to the hotel for directions; http://www.ichotelsgroup.com/h/d/hi/1/en/hotel/ewria/transportation.

The morning seminar will be presented by AIG with the following topics;

- ***Chemical, Biological, Radiological, Nuclear and Explosive Exposures and Risk Reduction*** followed by,
- ***Pandemic Planning and Response***. The afternoon program will be presented by representatives of the State of New Jersey who's topic is the
- ***State of the State – Where We Are Today in New Jersey.***
  0.6 CEUs will be awarded for all those who attend. The Cost will be $80.00 per person

Finally Rich reminded everyone that our joint golf outing will be June 25th and again will be held at the US Military Academy West Point.

There was no committee or other reports.

Tonight's speaker needed no introduction; however, Glenn Deitz introduced our own Past President, Rich Reitberger from FM Global. Rich began with a historical review of the accomplishments made by the New Jersey Chapter of the SFPE for the past thirty years. The planning started in 1976 at the offices of Allendale Mutual Insurance company and then moved to Allied Chemicals Corporate Headquarters in Morristown at what is now Headquarters for Honeywell. On March 2, 1977 a status request along with the names of 84 Charter members were submitted to the National SFPE Board of Directors. Our Charter was signed by D. Peter Lund, Executive Director and William H. McClarran President. The Charter was granted on April 1, 1977. NJ became the 28th Chapter of the Society. At the first official meeting held on April 26, 1977 Bill McClarran, President of National SFPE presented us with our Charter. The NJ Chapter of the SFPE has had ten of our members elected to the rank of Fellow of SFPE. We have had 21 different presidents many of whom are still active and continue to work toward forwarding the goals and ideals of the SFPE.

Rich then opened the technical part of his presentation. He led us through an interactive program entitled ***Fire! On the Fourteenth Floor*** written by Affiliated FM as a Human Element Training Workshop. Rich's program was developed by FM Global to demonstrate to building owners and managers the value of, and need for, effective emergency preparedness plans. The workshop was not intended as advice or training on how to establish the necessary plans, Rich explained that each person must make up their own plans in light of their particular business needs and exposures. Rich passed out handouts which were in reality our workbooks, he asked us to keep them closed while he explained the scenario that was to unfold.

We were charged with the proper actions to various fire scenarios and related conditions in the building. The building is 20 stories; they are primarily offices with a commercial center and three levels of parking on the first five floors. Rich described certain chemical processes taking place within the building as well as construction taking place on the 14th and 15th floors. A large open stairway has been installed between these floors with the construction of a data processing center under way. A flammable mastic is being used to install new flooring throughout these two floors. The building is fully sprinkled with the exception of the new data center and there is a dry standpipe running up one of the two stairwells. The building has a fire pump located in one of the mechanical equipment rooms in the basement.

We were provided with a schematic cross section view of the building in our workbooks as well as a typical floor plan, an indicator panel showing what will be happening within our building such as alarm conditions, water flow and supervisory conditions and equipment status such as normal, running or by-passed. Finally, we had the night watchman's report in out workbooks as well.

Rich got us off to a fine start by explaining whom we had on our security staff, engineering and dispatch. With one of our operating engineers on the 14th floor a fire broke out causing the mastic on the floor to burn, our fire watch reports by radio to dispatch that there was a fire, he attempted to extinguish it with an extinguisher but he was not certain if he was successful. Rich charged us with picking the most important four items out of a list of eighteen. We discussed the answers and turned the page to find four blank lines for us to list the information we were going to give the fire Chief when he arrives.

Rich changed the outcomes of our different answers and changed the fire scenario as well. All through the presentation we were asked to make decisions, as in real life all of our actions had different reactions and effects. Rich had slide with different results as they would be published in a local paper, from "High-rise fire injures 3", to "Panic during high-rise fire causes 33 injuries", to "$40 million high-rise blaze kills 15 injures 95". Rich was able to show us how important each decision is and based on the possible conditions within an occupancy can all have drastic effects.

Rich provided us with more questions than answers, he charged us with considering the importance of developing an effective emergency preparedness plan and following it. After a short Q & A period the meeting concluded at 8:15

Respectfully submitted by email on April 8, 2007 by Ed Armm, Secretary.

To ensure future delivery of Early Alert e-mail Bulletins & Special Reports to your inbox (not bulk or junk folders) please add our "From" address info@earlyalert.com to your e-mail address book or safe list now. Thank you!

EARLYALERT INC

Bridging The Gap Between Government & The Private Sector

EA-Special Report ... Vol 7 - No. 001 April 2, 2007

# Philip J. Klotzbach & Dr. William Gray's
# EXTENDED RANGE FORECAST OF ATLANTIC SEASONAL HURRICANE ACTIVITY AND U.S. LANDFALL STRIKE PROBABILITY FOR 2007

(as of April 3, 2007)

Table of Contents:


- 2007 Forecast Of Atlantic Seasonal Hurricane Activity
- Activity and Us Landfall Strike Probability For 2007
- The Annual Chance (Percentage) Of A Named Tropical Cyclone for the Atlantic Basin


## 2007 ATLANTIC BASIN HURRICANE SEASON FORECAST

Dr. Gray increased their forecast for the 2007 hurricane season, largely due to the rapid dissipation of El Niño conditions. They are now calling for a very active hurricane season. Landfall probabilities for the 2007 hurricane season are well above their long-period averages.

| Forecast Parameter and 1950-2000 Climatology (in parentheses) | Dec. 8, 2006 Forecast for 2007 | Issue Date April 3, 2007 |
|---|---|---|
| Named Storms (NS) (9.6) | 14 | 17 |
| Named Storm Days (NSD) (49.1) | 70 | 85 |
| Hurricanes (H)(5.9) | 7 | 9 |
| Hurricane Days HD) (24.5) | 35 | 40 |
| Intense Hurricanes (IH) (2.3) | 3 | 5 |
| Intense Hurricane Days (IHD)(5.0) | 8 | 11 |
| Accumulated Cyclone Engery (ACE) (96.1) | 130 | 170 |
| Net Tropical Cyclone Activity (NTC)(100%) | 140 | 185 |

PROBABILITIES FOR AT LEAST ONE MAJOR (CATEGORY 3-4-5) HURRICANE LANDFALL ON EACH OF THE FOLLOWING COASTAL AREAS:

1) Entire U.S. coastline - 74% (average for last century is 52%)
2) U.S. East Coast Including Peninsula Florida - 49% (average for last century is 31%)

3) Gulf Coast from the Florida Panhandle westward to Brownsville - 50% (average forecast last century is 30%)
4) Above-average major hurricane landfall risk in the Caribbean


- ABSTRACT -

Information obtained through March 2007 indicates that the 2007 Atlantic hurricane season will be much more active than the average 1950-2000 season. We estimate that 2007 will have about 9 hurricanes (average is 5.9), 17 named storms (average is 9.6), 85 named storm days (average is 49.1), 40 hurricane days (average is 24.5), 5 intense (Category 3-4-5) hurricanes (average is 2.3) and 11 intense hurricane days (average is 5.0).

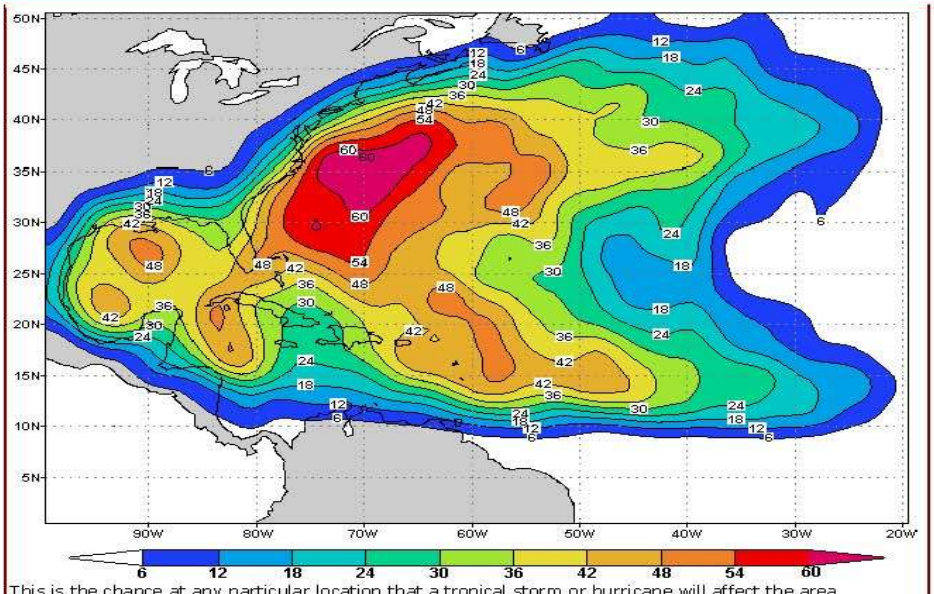
The probability of U.S. major hurricane landfall is estimated to be about 140 percent of the long-period average. We expect Atlantic basin Net Tropical Cyclone (NTC) activity in 2007 to be about 185 percent of the long-term average.

We have increased our forecast from our early December prediction due largely to the rapid dissipation of El Niño which has occurred over the past couple of months. Currently, neutral ENSO conditions are observed. We expect either neutral or weak-to-moderate La Niña conditions to be present during the upcoming hurricane season. Tropical and North Atlantic sea surface temperatures remain well above their long-period averages.



Courtesy of:
Department of Atmospheric Science
Colorado State University
Philip J. Klotzbach and William M. Gray
with assistance from William Thorson


The annual chance (percentage) of named tropical cyclone...




This is the chance at any particular location that a tropical storm or hurricane will affect the area sometime during Atlantic hurricane season (June 1 - November 30). Based on years 1944 to 1999 in the analysis and counted hits when a storm or hurricane was within about 100 miles (165 km). (Figure by Todd Kimberlain.)

Courtesy of:
National Weather Service
Southern Region Headquarters

Society of Fire Protection Engineers
New Jersey Chapter
Proudly Announces

# SPRING TECHNICAL SEMINAR 2007

Tuesday May 22nd, 2007
Newark Liberty Airport, NJ

**Time: 8:30 am to 3 pm**

**Place: Holiday Inn 160 Frontage Road**
**Newark, NJ 07114**
**973-466-9291**

**Morning**

## CBRNE EXPOSURES AND RISK REDUCTION TECHNIQUES

*By AIG Business Protection – AIG, Inc.*

Experts will present a review of the current CBRNE (chemical, biological, radiological, nuclear and explosive) exposures facing entities today and will discuss the most effective methods of assessing and mitigating risks from these exposures. Experts will focus on HVAC systems, Shelter-In-Place planning, security measures, surveillance recognition and response, personal protective equipment and the key components of developing an effective communication plan with local first responders and community leaders.

## PANDEMIC PLANNING AND RESPONSE

*By AIG Business Protection – AIG, Inc.*

As the threat of avian influenza continues to make headlines it is more important than ever for companies to determine how the outbreak of a regional or global pandemic may affect their daily operations and make preparations to address critical issues. Experts will review the 6 Phases of a Pandemic and then focus on the critical elements of pandemic planning including workplace hygiene, best practices, and developing and maintaining alternate worksites.

**Afternoon**

## STATE OF THE STATE – WHERE WE ARE TODAY IN NEW JERSEY

*By Business Executives for National Security (BENS)*

The New Jersey Business Force focuses on high priority areas where the unique expertise of the private sector can complement ongoing state efforts and provide genuine contributions in preparing for and responding to catastrophic events or terrorists attacks. Presenters will provide an overview of where we are today locally in New Jersey.

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 2007
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**

SCHIRMER ENGINEERING
NEW YORK
One Barker Avenue, 3rd Floor
White Plains, NY 10601
Phone (914) 949-0555 Fax (914) 949-0666
Fire Protection ■ Code Consulting ■ Risk Control ■ Security Consulting

**Position Description:**

**Company Description**: Schirmer Engineering is internationally recognized as one of the premier fire protection engineering, life safety and security consulting firms in the world. Founded in 1939, we are one of the oldest and most trusted names in fire protection engineering, with offices located throughout the United States.

**Location:** Schirmer Engineering is currently looking for engineers to fill new positions in our New York Metropolitan area office located in White Plains, NY. Minimum Education: Interested individuals should have a M.S., B.S., or Associates Degree in Fire Protection, Mechanical, or Electrical Engineering, Architecture, Architectural Engineering, or related fields. Individuals having an AIA certification, an EIT, or P.E. in Fire Protection Engineering or a related field are preferred.

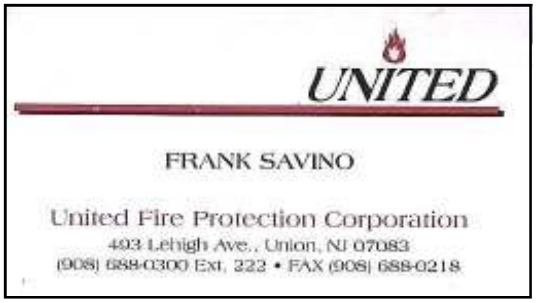
**Minimum Work Experience**: Schirmer Engineering welcomes inquiries from individuals from all levels of experience, although individuals having 3 to 7 years of related engineering experience are preferred. Work experience should demonstrate growth and a proportional increase in technical, project management, business development and related responsibilities.

**Special Skills**: Applicants should be technically oriented, with good analytical and organizational skills. Excellent communication skills (written and oral) required. Individuals should have a broad knowledge of general building construction methods, familiarity with building and life safety codes, and experience in working with contractors, architects, and/or engineers. Knowledge and background with computer fire modeling techniques and performance-based design is a plus. The selected individual must have the ability to work both independently and in a team environment. Persons with the desire for career growth and interested in participating in the development of a rapidly growing, dynamic office are encouraged to apply.

**Duties and Responsibilities**: Technical responsibilities will include fire protection system design, specification development, construction period services, building surveys, building code consulting, computer fire, smoke and egress modeling, plan review, accessibility consulting, and related fire protection, life safety and building code consulting services. The selected individual will also assist in the development of project proposals and participate in business development. Candidates with appropriate experience will participate in, and direct financial and technical management of assigned projects.

**Contact Information**: For additional information regarding Schirmer Engineering, please see our website at www.schirmereng.com. Forward confidential resumes and inquiries to:

Michael J. Rzeznik, P.E.
Manager – New York Regional Office
1 Barker Avenue, Third Floor White Plains, NY 10601
(914) 949-0555
Mike_Rzeznik@schirmereng.com



# Meeting Dates/Programs 2006-2007

| DATE | TOPIC |
|---|---|
| May 7, 2007 | Insurance Industry Update - Steve Fomchenko, Property Manager, XL Insurance, Mike Newman, Johnson & Johnson; Brad Hart, Lockton |
| May 22 | Chapter Annual Seminar - Corporate Antiterrorism Protection - Details to Follow |
| June 11, 2007 | J&J Explosion - Mike Newman, Johnson & Johnson |
| June 25, 2007 | Golf Outing - West Point |

The NJ Chapter's summer Planning meeting will be held at the Willis offices located in Florham Park, NJ on the second floor of 25 Vreeland Road. The planning meeting will begin at 9 am. All 2007/2008 directors and officers should attend. Any chapter member may attend as well provided that they give advance notice to David Gluckman.

## 2007-2008 New Jersey SFPE Nominations 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 for Offices and Directors. The election will be conducted at the next Annual Business Meeting, scheduled for Monday June 11, 2007, at the Hanover Manor.

| | |
|---|---|
| President | Dave Glukman |
| First VP | John Cholin |
| Second VP | Ed Armm |
| Secretary | Rich Reitberger |
| Asst. Secretary | Brad Hart |
| Treasurer | Bob Murray |
| Asst. Treasurer | Rich Ravaioli |

Chapter Members Vinny Fichera (Second Term), Glenn Buser (First Term), John Warnet (First Term) and Jerry Naylis (First term) remain as Board of Directors member-at large.

Chapter Member Glenn Deitz 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 know 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, Ed Armm (212-695-6670) 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 Monday May 16, 2004.

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

# MEETING NOTICE

**Date:** May 7, 2007

**Place:** Hanover Manor
16 Eagle Rock Avenue
East Hanover, NJ

**Price:** In Advance - $22 At door - $25

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

**Speaker(s):** Steve Fomchenko, Property Manager, XL Insurance,
Mike Newman, Johnson & Johnson; Brad Hart, Lockton

**Topic:** Insurance Industry Update

**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.

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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

NAME: _____

COMPANY:_____TELEPHONE:_____

ALL RESERVATIONS SHOULD BE RECEIVED BY FRIDAY, MAY 4, 2007. TELEPHONE RESERVATIONS OR CANCELLATIONS SHOULD BE RECEIVED BY NOON OF THE MEETING DAY.

## 2006-2007 Chapter Committees

### STANDING COMMITTEES

**Program**
John Cholin, Chairman
Consulting - Nick Chergotis & Peter Rullo

**Arrangements**
Vicki Serafin, Chairperson

**Membership**
Dave Gluckman, Chairman

**Nominating**
Rick Reitberger, Chairman
Chuck Gandy
Glenn Buser

**Scholarship Fund**
Chuck Gandy, Chairman
Ed Armm
Mike Machette
Dave Gluckman

**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

**SPECIAL COMMITTEES**

**Bylaws**
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
Bob Murray

# May 7th Meeting - Property Insurance Marketplace

Every two years we provide our members with an update of the Property Insurance Marketplace. Past events including CAT losses and future predicted events have a substantial impact on rates, deductibles, limits and coverage that is afforded to commercial/industrial/retail companies on a global basis. The May 7 meeting will include a technical presentation from three different viewpoints on the current state of the Property Insurance Marketplace.

Our speakers will be:

Mike Newman oversees Property Loss Prevention among other duties at Johnson & Johnson. He will give his perspective from an "insured's" standpoint.

Steven Fomchenko is the Chief Property Underwriter at XL Insurance of the Americas. He will give his perspective from the "Insurer's" standpoint.

Brad Hart is the Risk Services Practice Leader of Lockton Companies NY, an insurance broker and risk management consulting firm. He will give the perspective of what the broker sees in overall property market place.