President’s Message…

Though I couldn’t attend I’ve heard a lot of good things about our May Symposium with the AFAA NJ. Thanks to Ed Armm, the speakers and all those who made it a special event. Thanks and congratulations to Jim Tolos who was presented with the first ‘James Tolos Chapter Service Award’. This award is made to Chapter leaders for their longstanding service (a minimum of 5 years). Anyone who knows Jim understands his tireless service on behalf of our Chapter, for decades. Next, Jim made a presentation of the Chapter Service Award to Ed Armm for all he has done for us over so many years. Thanks and congratulations to you also Ed. I’m sure it was a Kodak moment.

Please plan to attend our June 8 annual business meeting. There are a number of reasons you should; JC Harrington of FM Global will make a presentation about new methods replacing the ASTM E-84 ‘Steiner Tunnel Test’, The Societies Julie Gordon will give us an update of important things happening at the SFPE, and our annual election of officers will be held. This year we have three nominees vying for two positions on the Board of Directors. So come to hear and be heard.

Joe Janiga, Operations Chief Engineer, FSFPE
FM Global - New York Operations
300 Kimball Drive, Suite 200
Parsippany, NJ 07054
Ph: 973-541-6774
Email: joseph.janiga@fmglobal.com

http://www.njsfpe.org/
www.twitter.com/newjerseysfpe
www.facebook.com/njsfpe
THE SFPE/AFAA Spring Symposium Results

The Symposium was held at the Hanover Manor with just under 100 attendees and 27 vendors participating. Many Thanks to all the organizers, participants and a special thanks to Ed Armm who largely spear headed the event.

Bill Koffel providing a talk on Application of Fire Risk Assessment

John Drucker discusses the NJ Amendments it will adopt to the 2015 IBC

Please patronize our vendors they make these symposiums possible

Morning Session
TO BENEFIT OUR JOINT SCHOLARSHIP FUND

WHERE: New York Country Club
103 Brick Church Road
New Hempstead, NY 10977
[Exit 11 from Palisades Interstate Parkway]

GAME: 4 Player Scramble

FEATURES INCLUDED:
- Beautiful Semi-Private Country Club
- 30 Minutes Closer Than Previous Outings
- Enhanced Food & Beverage Catering
- Fully Stocked Snack & Beverage Cart
- 50 Foot Putting Contest
- Driving Range Practice
- Putting Green / Short Game Practice
- Plush Locker Rooms
- Bag Drop Service
- Large Indoor Dining Facility

PRIZES:
- Special Hole in One Giveaway
- Deluxe Door Prizes & Product Raffles
- Low Score Prize
- Closest To Pin Prize
- Longest Drive Prize

Registration:
Before June 1st: $145 Per Golfer
After June 1st: $175 Per Golfer
LIMITED TO THE FIRST 144 GOLFERS!

Schedule:
7:00am: Registration & Continental Breakfast
8:30am: Shotgun Start
1:30pm (Approx.): Awards/Luncheon
Payment:
NAME: ____________________________  
ADDRESS: ____________________________  
CITY: _______ STATE: _____ ZIP: _______  
EMAIL: __________________________________________  
AMOUNT ENCLOSED: $________

Please Make Checks Payable To: “SFPE NJ CHAPTER”

OR
ONLINE PAYPAL PAYMENT
http://www.njsfpe.org/

FOR EITHER OPTION:
Please Fax Form To: 973-541-6909
or Email To: vicki.serafin@affiliatedfm.com

SFPE NJ Chapter c/o Vicki Serafin
P.O. Box 8268
Parsippany, NJ 07054

Vicki Serafin
Vicki.serafin@affiliatedfm.com

Sponsorship:

<table>
<thead>
<tr>
<th>Sponsorship</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green/ Tee Sponsor</td>
<td>$250.00</td>
</tr>
<tr>
<td>Golf Cart Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Hospitality Cart Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Registration Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Breakfast Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Driving Range Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Cigar Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Putting Green Sponsor</td>
<td>$500.00</td>
</tr>
<tr>
<td>Barbeque Lunch Sponsor</td>
<td>$750.00</td>
</tr>
</tbody>
</table>

NAME TO APPEAR ON SIGN: ____________________________

PLEASE CONTACT VICKI SERAFIN FOR SPECIALTY SPONSORSHIP  
973.541.6771

Benefits for Sponsors:
- Pre event emailing of sponsor names
- Sponsorship sign on tees & greens throughout facility
- Sponsors listed on event brochure to all participants
- Sponsors announced during catered luncheon
- Includes large sponsor sign
- Deluxe listing with company logo on registration form
- Follow-up mailing/ email after event to participants
The James Goerl Memorial Golf Outing

TO BENEFIT OUR JOINT SCHOLARSHIP FUND

Payment:
NAME: _______________________
ADDRESS: _______________________
CITY: _____ STATE: _____ ZIP: _____
EMAIL: _______________________
AMOUNT ENCLOSED: $_______

Please Make Checks Payable To: **SFPE NJ CHAPTER**

OR
ONLINE PAYPAL PAYMENT
http://www.njsfpe.org/

FOR EITHER OPTION:
Please Fax Form To: 973-541-6909
or
Email To: vicki.serafin@affiliatedfm.com

MAIL form including payment TO

SFPE NJ Chapter c/o Vicki Serafin
P.O Box 8268
Parsippany, NJ 07054

Questions? email us.
Vicki Serafin
Vicki.serafin@affiliatedfm.com

Registration:
Before June 1st: $145 Per Golfer
After June 1st: $175 Per Golfer
LIMITED TO THE FIRST 144 GOLFERS!

Schedule:
7:00am: Registration & Continental Breakfast
8:30am: Shotgun Start
1:30pm (Approx.): Awards/Luncheon

Location:
New York Country Club
103 Brick Church Road
New Hempstead, NY 10977
[Exit 11 from Palisades Interstate Parkway]

NAME  COMPANY  CONTACT

<table>
<thead>
<tr>
<th>GROUP CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CART 1</td>
</tr>
</tbody>
</table>

CART 1

<table>
<thead>
<tr>
<th>NAME</th>
<th>COMPANY</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CART 2

<table>
<thead>
<tr>
<th>NAME</th>
<th>COMPANY</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CART 2

<table>
<thead>
<tr>
<th>NAME</th>
<th>COMPANY</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
June Speaker Bio

J.C. Harrington, P.E., FSFPE

J.C. Harrington is an Assistant Vice President with FM Global working in their Engineering Standards Department in Norwood, MA. He is responsible for several of their construction fire hazards related standards, oversees risk service testing for their insurance clients, and addresses building code issues. Earlier in his career he had worked for 10 years for Wang Laboratories as their Corporate Fire Protection Manager. He holds a BS in Civil Engineering from Tufts University and an MS in Engineering Management from Northeastern University.

Harrington is a member of the National Fire Protection Association, Society of Fire Protection Engineers, and the International Code Council. He is a member of several NFPA technical committees including the NFPA 5000 Building Code. He served two terms on the NFPA Standards Council. He is a past President of the New England Chapter- SFPE and is currently on the Board of Directors for SFPE International. He is a Fellow of SFPE. Additionally he is a registered Fire Protection Engineer in the State of Massachusetts.

Fire at Nuclear Power Plant Prompts Reactor Shutdown

Mon, 04/27/2015 - 11:16am
The Associated Press

A reactor at a nuclear power plant in southern Taiwan was shut down following a fire that broke out at around midnight Sunday, its operator said Monday.

Taiwan Power Co. spokesman Lin Te-fu told Kyodo News the fire broke out at 23:58 p.m. at the Maanshan Nuclear Power Plant at Hengchun, apparently caused by a short-circuited supplementary transformer.

Firefighters extinguished the fire in 17 minutes and there was no leakage of radiation, Lin said.

Unit 2 reactor of the facility has been shut down and repair is estimated to take about two weeks. But because the facility has two reactors, the shutdown will not affect the supply of power.

A probe is under way to determine the cause of the short circuit in the transformer, Lin said.

Taiwan has three operating nuclear power stations -- two in the north and one in the south. All have operated safely for many years, while providing nearly 20 percent of the island's electricity.

A fourth plant is under construction, also in the north. However, various shutdowns due to engineering problems and policy reversals have delayed its completion.

The Taiwan government said last year that it will freeze construction of the fourth facility pending endorsement of the project by voters in a national referendum.

Taipower, as the power utility is commonly known, said in January that construction will enter a three-year hiatus on July 1.

Concerns about the safety of nuclear power flared up again in the wake of the 2011 Fukushima nuclear
MEXICO CITY, April 28 (Reuters) - Losses associated with a deadly explosion on an offshore oil platform owned by Mexican state-run company Pemex will total as much as $780 million, a source close to the discussions said on Tuesday.

The fire that engulfed the Abkatun A-Permanente platform on the southern rim of the Gulf of Mexico earlier this month killed four workers and provoked the evacuation of over 300 others as ships sought to douse the flames.

Pemex has informed its insurers that losses from the accident will likely total between $670 million and $780 million, the source said.

London-based trade publication Insurance Insider first published the range of losses, noting that the total insured value of the Abkatun Pol Chuc complex, of which the Abkatun A-Permanente platform is a part, reaches $1.3 billion.

At the upper end of the range, the losses would amount to 60 percent of the value of the complex.

The Abkatun Pol Chuc complex includes six platforms and is located in the oil-rich Bay of Campeche.

Pemex said a week after the explosion that it still expected to meet its regional output forecast of 646,000 barrels per day for the area where the explosion took place.

The damaged Abkatun A-Permanente platform separates crude oil and gas from various wells to process around 40,000 bpd.

The Abkatun Pol Chuc complex produces around 300,000 bpd of Pemex's total output of about 2.3 million bpd. (Reporting by David Alire Garcia; Editing by Ted Botha)

---

2015-2016 Nomination of Officers
And Directors
New Jersey Chapter SFPE

Chapter member Ernesto Vega-Janica will also run for the open Director’s position (1st year of first term).

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 8, 2015 at the Hanover Manor.

President, Rich Reitberger
First VP, Paul McGrath
Second VP, Mike Newman
Secretary, Chris Vitale
Asst. Secretary, Dave Gluckman
Treasurer, Nate Gorey
Asst. Treasurer, Glenn Buser

Directors
John Antola Jr. (2nd Year – 1st Term)
Jim Loftus (2nd Year – 1st Term)
Tim Costello (1st Year – 1st Term)
Ed Armm (1st Year – 1st Term)

Joe Janiga is Immediate Past President, a voting member of the Board of Directors and the Chairman of the Nominating Committee.

The Nominating Committee and the Board of Directors welcome volunteers to serve in leadership capacities on the Board or Committee activities. Any member with a desire to run as a candidate for Chapter Officer or Director is encouraged to do so. Contact the Chapter Secretary, Mike Newman at mtnewman51@gmail.com by May 4, 2015 which is at least four weeks prior to the Annual Business meeting. Candidates must submit the signatures of at least five voting members of the NJ Chapter along with their letter of intent to run for office.
Someone built the 'world's biggest' hurricane simulator to help improve forecasts

Miami (AFP) - The world's largest hurricane simulator is now complete and experts hope it will improve forecasters' ability to predict how strong a storm will get, which has been a key weak spot for science until now. The $15 million wind and wave machine at the University of Miami Rosenstiel School of Marine and Atmospheric Science resembles a giant aquarium tank, without the fish.

When lead scientist Brian Haus switches on the 1,700 horsepower engine, a roaring sound fills the $47 million building that houses the tank, known formally as SUSTAIN (SURge-STructure-Atmosphere INteraction Facility).

Paddles begin to roil the 38,000 gallons (144,000 liters) of fresh water, though salt water can also be used.

Aquamarine waves arc gracefully against the acrylic windows, then grow increasingly frenetic as a Category 5 wind blows over the top at a speed of 156 miles per hour (251 kph).

Soon, spray droplets scatter across the sides of the steel-framed tank, which measures 75 feet (23 meters) long, 20 feet wide and 6.5 feet deep.

A miniature model of a green-and-white house gets drenched by crashing waves that resemble a real-life storm surge assaulting a coastal property.

Haus, a self-described "wave-junkie," stares intently at the indoor storm he has helped create.

How strong will it get?

A "key component of SUSTAIN will be to improve hurricane intensity forecasting," he explains later in his office, since anything but shouted conversations are difficult to maintain near the tank.

"Over the last 20 years our track forecasts have been getting better and better. But the thing that hasn't gotten any better over the past 20 years is hurricane intensity forecasts."

Perhaps the best example of a storm that outwitted even the most seasoned forecasters was Hurricane Wilma in 2005. It exploded in strength over Mexico, rising from Category 2 to 5 in a matter of hours.

"That is the thing that really scares forecasters because it makes it hard for them to do their job," Haus says. Wilma became the most intense Atlantic hurricane on record, killing dozens of people and causing tens of billions of dollars in damage.

Living through Wilma and the far deadlier Hurricane Katrina, known for causing mass devastation in Louisiana and the Gulf of Mexico that same year, propelled Haus to find ways of better understanding the physics of storm strength, and how the warmth of the ocean can power a hurricane.
Damage to buildings

Researchers also hope to use SUSTAIN -- which is six times larger than any wind-water hurricane simulator ever built -- to explore how storms will damage homes and buildings along the coast.

"This is important because most of our building codes and models for how we build in coastal areas are not based on any real information about what happens in these conditions," says Haus.

Other groups, such as the Insurance Institute for Business and Home Safety in South Carolina, recreate high winds, hail storms and even wildfires using life-sized homes.

But even placing sensors on the miniature house inside the SUSTAIN tank to study how it is affected by a storm can help scientists, according to Paul Wilson, vice president of model development at RMS (Risk Management Solutions) in London.

"Understanding how buildings respond to extreme weather events, those are projects which we find incredibly useful. They just add to the body of knowledge on which our models are based."

Encourage collaboration

Miami is home to many storm researchers, including the National Hurricane Center, the National Oceanic and Atmospheric Administration (NOAA) Hurricane Research Division, and Florida International University which houses a Wall of Wind that simulates Category 5 hurricane gusts.

NOAA and the US Air Force regularly send aircraft into the heart of hurricanes, where pilots drop parachute-lofted tubes, called sondes, to measure how the wind changes with height just above the sea surface.

Mark Powell, a former NOAA scientist who flew some of those missions into hurricanes and now heads a company called HWind Scientific, says SUSTAIN "has a lot of promise for research," and is hopeful that the enthusiasm will spread beyond the tank itself.

"When you have a big facility like the SUSTAIN facility, there is a tendency to focus on the facility and the type of work it can do, but there is a human element too," adds Powell.

"So what I hope will happen with that facility is that there is a much stronger interaction between all the talent in the Miami area. They need to interact to really make breakthroughs."
Per the article below, they can complain about the environmental damage from the foam that was used, but did anyone think what the environmental damage would have been if no foam was used? We never seem to hear about the positive aspects of foam from the environmentalists.

Transformer Burns at Indian Point; Cuomo Cites Potential Environmental Risks

A transformer fire at the Indian Point nuclear power plant in Buchanan, N.Y. sent plumes of black smoke into the air on Saturday, May 9th and raised concerns that the foam used to extinguish the flames could pose an environmental hazard.

The fire at the plant, located 24 miles from New York City, began around 6 p.m. and was doused by the plant’s sprinkler system. It did not amount to a “nuclear emergency,” said Jerry Nappi, a spokesman for Entergy, the company that operates Indian Point. No one was injured, he added.

Gov. Andrew M. Cuomo called the fire “a relatively minor situation,” but said the transformer had been “badly damaged” by the flames.

Firefighters “saturated” the damaged transformer “with a special kind of foam,” said Mr. Cuomo, who voiced environmental concerns about the foam as well as oil released from the transformer during the fire.

“There is a lot of foam and a lot of oil and now we are worried about that leaking in to the Hudson River,” he said. Foam or oil could enter the river through storm drains, he said.

Mr. Cuomo said the Environmental Protection Agency would be monitoring the situation at the plant: “We are doing everything we can on that front.”

In a series of messages posted to social media, officials from the plant and its parent company said that the facility’s emergency systems responded to the fire “as designed.”

One of the plant’s two remaining nuclear reactors, Unit 3, automatically shut down because of the fire. Mr. Nappi said the unit would remain offline until the cause of the fire could be determined and the transformer could be replaced.

The plant’s second reactor, Unit 2, will continue to operate. Unit 1 was shut down in 1974.

The facility, located in Westchester County, generates over 2,000 megawatts of electricity for the New York City area. Its reactors are contained within reinforced concrete and steel walls that are between 3.5 and 4.5 feet thick.

Gustavus Gricius, 34, was driving south down the opposite bank of the Hudson River when he saw “a huge ball of black smoke” rising from the power plant across the water. He pulled over to take a picture and said the sounds and smells of the scene soon made him nervous.

“We could hear the paging system from the facility across the river, ‘This is not a drill, please be aware, this is not a drill,’ ” Mr. Gricius said. “There was an electrical, oily burning smell. Once we smelled that that’s when we were like, ‘Let’s get out of here.’ ”

Mr. Gricius said that he could hear “fire trucks and emergency vehicles coming from every direction.”

Firefighters from the Verplanck, N.Y., fire department responded. Mr. Cuomo said that he had spoken to the emergency responders and that they planned to stay on the scene throughout the night.
Job Posting

Lockton Northeast Series – Senior Property Risk Control Consultant

Location: New York, NY

About Lockton:

More than 5,300 professionals at Lockton provide 41,000 clients around the world with risk management, insurance, and employee benefits consulting services that improve their businesses. From its founding in 1966 in Kansas City, Missouri, Lockton has attracted entrepreneurial professionals who have driven its growth to become the largest privately held, independent insurance broker in the world and 10th largest overall. Independent researcher Greenwich Associates has awarded Lockton its Service Excellence Award for risk management for large companies. For five consecutive years, Business Insurance magazine has recognized Lockton as a "Best Place to Work in Insurance." To see the latest insights from Lockton's experts, check Lockton Market Update.

Lockton is known throughout the insurance industry as an entrepreneurial, progressive and successful insurance broker. As a result of continued individual and group accomplishments, Lockton has a record of steady and substantial growth. Unlike publically held companies that have to report to public shareholders on a quarterly basis, Lockton operates on a long term goal basis over years, not quarters. If you are a committed professional with a passion for delivering unparalleled service, Lockton is interested in hearing from you.

Job Description:

Responsibilities: Lockton is searching for an experienced property risk control consultant to work in a fast-paced team environment to support the insurance placement process, participate in the acquisition of new business and advocate for the client with insurers and support their risk management/property loss prevention processes and programs.

Qualifications:

- 10 to 15 years of insurance carrier, broker or risk management property risk control experience.
- Bachelor’s Degree in Engineering or Applied Science or equivalent
- PE license or CFPS certification a plus
- Strong oral and written communications skills
- Proficiency in knowledge and application of National Fire Protection Association (NFPA) Standards and FM Global Data Sheets
- Strong interpersonal skills to communicate effectively with clients
- Expertise in development and analysis of property insurance industry loss estimates including MFL’s, PML’s and LE’s.
- Strong advocacy skills in working with FM Global insured clients
- Self-motivated individual with successful ability to work in a team environment
- Microsoft Office and internet proficiency

Interest candidates should contact David A. Larson, SVP - Risk Services Practice Leader, Lockton Companies, 1185 Ave of the Americas, New York, NY 10036; E-mail: dalarson@lockton.com; Office: (646) 572-7367.

Lockton Companies, LLC is an equal opportunity employer. As a privately held company, we offer a competitive compensation and benefits package reflecting our commitment to attracting and retaining great individuals. This includes health and dental coverage, which begins on your first day of work, 401(k) with match and immediate vesting, a competitive vacation plan and unrivaled career advancement opportunities.
MEETING NOTICE

Date: June 8, 2015

Place: Hanover Manor
16 Eagle Rock Avenue
East Hanover, NJ 07936

Price: $15.00

Time: 9:00 a.m.

Topic: Comparison of UL 286 and ASTM E84’ JC Harrington
FM Global & ‘SFPE Update’ Julie Gordon SFPE

Speaker: J.C. Harrington, P.E., FM Global

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

Vicki Lynn Serafin
Affiliated FM Insurance
300 Kimball Drive
Suite 200
Parsippany, NJ 07054
Phone: 973-541-6771 / Fax: 973-541-6909
vicki.serafin@affiliatedfm.com

OR PAY AT THE DOOR

NAME: ____________________________________________________________

COMPANY: ____________________ TELEPHONE: ____________________
Meeting Dates/Programs 2014-2015

June 8  
Comparison of UL 286 and ASTM E84’  JC Harrington  
FM Global & ‘SFPE Update’ Julie Gordon SFPE

June 16  
Joint NY/NJ SFPE Golf Outing will be Tuesday, June 16, 2015 at the New York Country Club, New Hempstead, NY
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/nfa/coffee-break/]
CPSC  [http://www.cpsc.gov/]
CSAA  [http://www.csaa.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/]
International Code Council -  [http://www.iccsafe.org/]
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]

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