President’s Message…

Fall is almost here. Time to get back in the swing of things and brush up on some of your fire protection knowledge. At the September meeting we had Gary Hartley of Coda Risk Analysis give us a very enlightening presentation on the inherent hazards of cannabis plant oil extraction which is becoming more prevalent in those states that allow the medical and recreation sale and use of cannabis products. Thanks to Gary for the insight. November 3rd is set for our bus trip to the University of Maryland. The Fire Protection Engineering Department will be our host and will give as briefings on the program and a tour of their labs and facilities. The trip is open to Chapter Members who may also bring along a guest for free to include a High School student who may be interested in the program or a local High School Guidance Counselor. A trip flyer has the details. The October meeting is set for Monday October 3rd. John Whaling, President of Protectowire FireSystems will be presenting the construction and operating principles of Digital Linear Heat and feature a few of the applications where it’s most commonly used. He will also introduce a new technology, Digital Thermocouple which confirms thermal activation of the detector before an alarm is initiated. If you have ever wanted to learn more about Digital Linear Heat now is the time. John has over 30 years’ of domestic and international fire protection industry experience and has extensive knowledge about the design and installation of linear heat detectors within special hazards. Should be a great program.

See you all at the meeting.

Rich Reitberger
President
Linear Heat Detection has been around for over 70 years but is still relatively unknown to many in the Fire Protection Industry. During this presentation, we will delve into the installation and operating principles of Digital Linear Heat detection, and feature a few of the applications where it’s most commonly used. Our presenter will also introduce a new technology, Digital Thermocouple which confirms thermal activation of the detector before an alarm is initiated. If you have ever wanted to learn more about Digital Linear Heat this is a can’t miss opportunity.

Our presenter is John Whaling, the current President of Protectowire FireSystems. With over 30 years’ of domestic and international fire protection industry experience, John has extensive knowledge about the design and installation of linear heat detectors within special hazards. As the former Vice President of Sales, John helped establish one of the most recognizable fire protection brands in the industry with a Distribution network that spans the globe. John is a long standing member of the National Fire Protection Association (NFPA) (Aviation Section), and the Society of Fire Protection Engineers.
Are sprinklers effective?

A sprinkler system’s primary function is to protect the property where it is installed. However, sprinkler systems also help to provide a significant reduction in the number of deaths per thousand fires.*

Sprinkler systems are not only an effective way of reducing property damage during a fire; they can also provide additional protection to occupants inside the structure.*

According to the National Fire Protection Association’s 2013 “U.S. Experience with Sprinklers” report, sprinklers operated in 91 percent of reported structure fires where sprinklers were present, excluding buildings under construction and small fires. Effective sprinklers can save lives and property by producing large reductions in the number of deaths per fire, direct property damage per fire, and the likelihood of a fire with large loss of life or large property loss.*

When sprinkler systems do not operate correctly, the leading cause is human error. There are certain situations where a sprinkler system would not be effective, such as flash fires or explosions. However, about 80 percent of the time a sprinkler system fails, it is because the system has been manually shut off. Human intervention with sprinkler systems is the most significant source of failure.

“ A common myth associated with sprinkler systems is that all sprinkler heads flow water when the system is activated.”

Nearby two-thirds of sprinkler system failures occurred because the system was shut off.*

More than half of all reported fires were reported as “sprinklers not present.”**

When sprinklers operated, they were effective 96% of the time.*
Tyler Lambert  
65 North Maryland Avenue  
Lake Hopatcong NJ 07849  
(862)-432-1614  
tyler.lambert@okstate.edu  

June 7, 2016  

Society Fire Protection Engineers  
NY/NJ Chapters  
P.O. Box 8268  
Parsippany, NJ 07054  

RE: Thank You  

Gentlemen and Ladies:  

Members of Society of Fire Protection Engineers NY/NJ Chapters, I would like to thank you for your continued support and for again providing me with a generous scholarship for this past semester. I appreciate all you have done for me, and your kindness throughout my college career.

This past semester was very busy but rewarding as I completed my degree in Fire Protection and Safety Technology. I graduated Oklahoma State University on December 12th 2015 and began my full time position as an Associate with JENSEN HUGHES on January 4th 2016 in the New York City office. I am excited to be working for such a large company in an area with so much opportunity.

Since returning home I have been continued my service with my town’s volunteer fire department, in Lake Hopatcong, NJ. I am looking forward to what the future will bring and all the challenges that lie ahead of me in my career.

Thank you again for all you support and help over the past four years, and I look forward to working with you all in the fire protection field one day.

Sincerely,  

Tyler Lambert
Residential Building Fire Causes (2005-2014)

Fire Estimate Summaries present basic data on the size and status of the fire problem in the United States as depicted through data reported to the U.S. Fire Administration’s (USFA’s) National Fire Incident Reporting System (NFIRS). Each Fire Estimate Summary addresses the size of the specific fire or fire-related issue and highlights important trends in the data. Note: Fire Estimate Summaries are based on the USFA’s “National Estimates Methodology for Building Fires and Losses” (http://www.usfa.fema.gov/downloads/pdf/statistics/national_estimate_methodology.pdf). The USFA is committed to providing the best and most currently available information on the U.S. fire problem and, as a result, continually examines its data and methodology. Because of this commitment, changes to data collection strategies and estimate methodologies occur, causing estimates to change slightly over time. Previous estimates on specific issues (or similar issues) may have been a result of different methodologies or data definitions used and may not be directly comparable to current estimates.

National estimates for the leading reported causes of fires in residential buildings for 2014, the most recent year for which data are available, are:
4. Other unintentional, careless: 22,000 fires.

Overall trends in the leading reported fire causes for the 10-year period of 2005 to 2014 show:
- Cooking as the leading reported cause of residential building fires for the 10-year period.
- A 20 percent increase in residential cooking fires. (This is likely due to an NFIRS coding edit implemented in 2012.)
- A 17 percent decrease in residential heating fires.
- A 26 percent decrease in residential electrical malfunction fires.
- A 9 percent decrease in residential other unintentional or careless fires.

Leading Causes of Residential Building Fires (2005-2014)
NJ Chapter SFPE Bus Trip – University of Maryland

Thursday November 3, 2016

The NJ Chapter SFPE is pleased to announce this year’s Bus Trip will be to the University of Maryland, Fire Protection Engineering Department, College Park, MD. The Bus Trip is open to all Chapter Members. Fee is $30. We encourage Chapter Members to bring along for FREE a High School student or local High School Guidance Counselor as a guest so they can learn about the great FPE program Maryland offers. The FPE program staff will brief on all aspects of the degree program and we will tour the hands on labs that make the school program and the career so exciting.

http://www.enfp.umd.edu/
NJ Chapter SFPE Bus Trip – University of Maryland

Thursday November 3, 2016

Itinerary

7:00 am SHARP - The bus will leave the FM Global offices located at 300 Kimball Drive, Parsippany, NJ 07054. Please show up by at least 6:45 am so we can load the bus.

11:30 am – Arrive at University of Maryland – Lunch with Students and Faculty at Student Center

1:00 pm – 4:00 pm Fire Protection Engineering Program Tour Briefings on curriculum and degree program, tour facilities, labs and the University Fire Department

4:30 pm – Head back to Parsippany, NJ

Sign Up Form

Chapter Member Name ________________________________________
Guest (free) ________________________________________________
Phone Number ________________________________

Member Fee - $30 Enclosed _____ Will Pay at Bus ________

E-mail to Vicki Serafin at  vicki.serafin@affiliatedfm.com
Or send to: NJSFPE c/o Vicki Serafin, AFM/FM Global
300 Kimball Drive, Parsippany, NJ 07054

http://www.enfp.umd.edu/

UNIVERSITY OF MARYLAND
SLICER & ASSOCIATES
Fire Protection and Loss Prevention Consulting

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West Chatham, MA 02669-1647

Office 508-945-5074
Mobile 973-493-0369
VM & Fax 866-395-6172

Member – SFPE & NFPA
sargeslicer@gmail.com

The NY/NJ Chapters Scholarship Golf Outing Committee sends our special thanks to our long time sponsor Russ Fleming and the National Fire Sprinkler Association. We appreciate your continued support!!
MEETING NOTICE

Date: Monday October 3, 2016

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

Price: $30.00

Time: Gathering starts at 5 PM, meeting starts at 6 PM

Topic: Linear Heat Detection for Special Hazards

Speaker: John Whaling, President, Protectowire Fire Systems

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: __________________________
<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Oct. 3</td>
<td>Protectowire FireSystems, New Technologies: Optical Linear Heat (Fiber), CTI—Speaker: John Whaling, President, Protectowire</td>
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<tr>
<td>Nov. 3</td>
<td>Bus Trip, University of Maryland – FPE Program tour and briefings</td>
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<td>Dec. 5</td>
<td>Holiday Party - Bruce Johnson, UL - Energy Storage Systems Fire Safety Considerations</td>
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<td>Jan. 9</td>
<td>Stat X Presentation</td>
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<td>Feb. 6</td>
<td>Jerry Naylis - Learning from Losses</td>
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<td>March 6</td>
<td>TBD</td>
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<tr>
<td>April/May</td>
<td>Annual Symposium &amp; Trade Show</td>
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<td>June 4—7</td>
<td>NFPA Conference, Boston, MA</td>
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<td>June 12</td>
<td>NJ NY Metro SFPE Foundation Golf</td>
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**Meeting Dates/Programs 2016-2017**
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.us.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/
Home Fire Spklr Coalition  http://www.homefiresprinkler.org/
AFAA-NJ  http://www.afaa-nj.org/
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