President’s Message….

Tim Costello with Wiss, Janney, Elstner Associates Inc. (WJE) gave an excellent presentation on the ‘Fundamentals of Fire Resistance’. This is a first in a series Tim will make to the NJSFPE Chapter meeting over the next year on topics of building material performance in fire scenarios.

I attended the 2018 SFPE International Conference and Expo in Nashville TN on October 28-30 along with fellow chapter members Rich Reitberger, Joe Janiga and Glenn Buser. SFPE created a great environment supporting Fraternity, Education and advancement in all aspects of Fire Protection Engineering. Over 450 people and 60 exhibitors from around the world participated in the conference. We heard a detailed presentation by Pigeon Ford Fire Chief Tony Watson about the 2016 Smoky Mountains Tennessee Wild Fires as well as many research results and studies on specific fire situations. Intermingled with all this learning we enjoyed the unique entertainment and dining experiences that Nashville has to offer.

On Monday, December 3rd will be the NJSFPE Chapter’s Holiday Party along with a presentation by Gerry Naylis, Technical Fire Services. Inc. on Large Fire Losses. Also, Justine will be back with a wine tasting and a charity raffle by the Engineers Club supporting homeless veterans.

I look forward to ‘All Yall’ there.

Paul
Chapter President
President McGrath called the meeting to order at 6:00 with a salute to the flag and the customary introductions. There were 21 in attendance. It was announced that December will be a holiday meeting with a wine tasting by Justine, charity raffle by the Engineers Club and discussion of losses by Jerry Naylis. January’s speaker will be Mike Wilson discussing Home Fire Sprinkler Water Supplies.

The minutes of the September meeting were read and accepted by the members. The Treasurer’s reports for August, September and October were reviewed and approved by the members. Paul McGrath announced the he accepted the Gold Chapter Excellence Award on behalf of the Chapter last month at the SFPE Annual meeting. A brief discussion of that meeting followed.

We are still awaiting the determination of the IRS on our Chapter’s application for incorporation into a 501c3 organization.

Rich Reitberger reviewed the results of the NJ/NY Metro Chapters SFPE education Foundation’s successful October 11th seminar in White Plains held in conjunction with the Westchester AIA. For its first full operating year the Foundation’s fund has grown by about $5,000.

There was an overview of October’s successful ‘shore’ field trip to Eatontown, Sea Girt and the Lobster Shanty. Thanks to the folks at Eaton, SSI, Orr and the NJ Natl. Guard museum for the tour and their interesting presentations.

Jim Loftus announced that the Chapter’s joint seminar for 2019 will be on April 4. Two speakers are already set and details are coming together. Look for announcements and call for speakers.

Rich Reitberger presented and the room approved a Chapter membership application for Mr. Patrick Bertolo, FD Upper Saddle River who was in the audience. Welcome Pat. Tim Costello of Wiss, Janney, Elstner Associates Inc. made a useful and informative presentation on the ‘Fundamentals of Fire Resistance’. Tim began by defining Fire Resistance Rating, discussing the 5 construction classifications and mentioning different building elements of concern. He explained about the ASTM E119/UL263 furnace test and the standard time temperature (STT) curve. He went on to mention how in the 100 years since the E119 test has been in use that construction materials and building furnishings have changed significantly and how modern compartment fires are different from the test parameters. He showed the ten rules for fire resistance and different resources to use especially the UL fire Resistance Directory which is available on line and for free. A lively question and answer period followed and it was announced that Tim will return at future meetings to present parts two and three of this discussion.

The meeting was adjourned at 8:20PM.

SFPE 2018 Annual Conference topic: Water Mist – Past/Present/Future

There was a very interesting topic at the recent SFPE conference on water mist. Copy and paste the URL below into your web browser:

PACKAGED FIRE BOOSTERS

- CUSTOM PACKAGED FIRE BOOSTERS WITH UL/FM COMPONENTS
- PACKAGED AND TESTED IN THE U.S.A
- SINGLE-SOURCE RESPONSIBILITY

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Total losses, including insured and uninsured damages, from the Camp Fire in Northern California are estimated to be between $11 billion and $13 billion, while total losses from the Woolsey Fire in Southern California are estimated to be an additional $4 billion to $6 billion, according to property data and analytics provider Corelogic Inc.

The Camp Fire is the most destructive wildfire in the state’s history, Irvine, California-based Corelogic said Tuesday in a statement. Estimated damages break down to $3 billion to $4 billion in commercial losses and $8 billion to $9 billion in residential losses.

Woolsey Fire damage estimates are pegged at up to $500 million in commercial losses and some $3.5 billion to $5.5 billion in residential losses, Corelogic figures showed.

The numbers are the total losses, insured and uninsured, to residential and commercial properties, the statement said, adding that “Insured losses are likely to be a bulk of the total.”

The estimates, including both residential and commercial properties, account for building, content and additional living expenses, and the estimated losses include fire, smoke, demand surge and debris removal, Corelogic said.

According to the California Department of Forestry and Fire Protection, total burned acreage was 153,336 acres for the Camp Fire, which burned nearly all of Paradise, California, and 96,949 acres for the Woolsey Fire, which charred Malibu, California.

Corelogic’s U.S. wildfire model is a probabilistic loss model designed to estimate damage and insured losses due to brushfire breakouts in the U.S., the statement said.

The model accounts for both burn and smoke damage in Arizona, California, Colorado, Florida, Idaho, Montana, New Mexico, Nevada, Oklahoma, Oregon, Texas, Utah, Washington and Wyoming.
Company Background

Code Consultants, Inc. (CCI), a privately held and internationally recognized fire protection engineering and life safety consulting firm, is seeking experienced professionals to join our New York City office.

Founded in 1973, CCI is an industry leader, providing a diverse range of crucial fire protection and life safety consultation and design services including but not limited to:

- building and fire code consulting
- fire sprinkler design
- life safety consulting
- fire alarm design
- hazardous materials analysis
- mass notification design
- accessibility consulting
- fire and egress modeling

CCI’s experienced and trained team of over 80 professionals consist of fire protection engineers, architects, civil/mechanical/electrical engineers, code officials and members of the fire service. At CCI we value our team members and continuously strive to provide a great culture, career and personal development opportunities.

As a privately held firm, CCI’s management team is fully responsible for the strategic direction of the firm and successfully manages growth by maintaining a stable organizational structure, consistent professional service products across our offices, and applying objective performance-based compensation.

Role

As a member of the CCI team your responsibilities will include:

- Fire protection and life safety code consultation for a wide variety of projects and clients.
- Fire and egress modeling and developing alternate method concepts.
- Collaborating with CCI team members and clients, and interfacing with Building/Fire Officials.
- Participating in business development initiatives to expand and develop CCI services.
- Participating in the growth and development of your office, and CCI as a whole.

Qualifications

Ideal candidates will possess the following:

- A degree in fire protection engineering or related engineering discipline.
- Knowledge of Building/Fire/NFPA Codes and Standards related to fire protection and life safety.
- Excellent written and verbal communications skills.
- Be motivated by growth opportunities for themselves and CCI.
- Passion for providing the highest level of services to CCI clients.
- Sufficient experience to work autonomously on project related tasks.
- Fundamentals of Engineering (FE) or Professional Engineering (PE) licensure is desirable, but not required.

Compensation

CCI offers an excellent compensation package with an objective performance-based bonus program and benefits (including 401(k) with matching contributions, health, dental, vision, life and disability plans).

Contact

Interested and qualified candidates may send resumes to CCI’s Human Resources Department at HR@CodeConsultants.com.

Code Consultants, Inc. is EOE/Minorities/Females/Vet/Disabled
Section 1: Introduction

Sompo International Holdings Ltd. (Sompo International) is a specialty provider of property and casualty insurance and reinsurance, established in March 2017 as the result of the acquisition of Endurance Specialty Holdings Ltd. by Sompo Holdings Ltd. (Sompo).

Sompo's core business encompasses one of the largest property and casualty insurance groups in the Japanese domestic market. In addition, Sompo is engaged in the provision of insurance services as well as other related services through its global network of businesses operating in 32 countries around the world.

Sompo International is the international operation and a wholly owned subsidiary of Sompo, which trades on the Tokyo Stock Exchange. Through our operating subsidiaries, Sompo International underwrites agriculture, professional lines, property, marine and energy, and casualty and other specialty lines of insurance and catastrophe, property, casualty, professional lines, weather risk and specialty lines of reinsurance.

As a leading global provider of insurance and reinsurance, we recognize that our success is derived directly from those who matter most: our people. Sompo International's headquarters is in Bermuda and we currently have offices in the United States, the United Kingdom, Continental Europe, and Asia. At Sompo International, a shared commitment to integrity, teamwork, agility, execution, and excellence define our culture, and we strive to create exceptional value for our clients and shareholders and maintain Sompo International as a desirable place to work.

We are seeking a HPR Property Loss Control Consultant for our Global Risk Solutions team. Global Risk Solutions offers comprehensive loss control services targeted at select industry verticals. Servicing middle market and large accounts domiciled in the U.S., we work through a network of retail brokers who share our commitment to long-term partnerships built on white glove service. This position will have the opportunity to work remotely.

The Loss Control Consultant will provide risk improvement consultation services for highly valued large and middle market commercial customers; providing added value for our clients. The focus of this position is to evaluate property risks, conduct on-site visits of existing and prospective clients and aid the underwriters in the selection and pricing of an account. The Loss Control Consultant will also be responsible to track trends at an account and book level and communicate effectively with our clients and brokers. Candidate must have proficiency in property, specifically HPR property loss control skills.

**Duties and Responsibilities:**

- Prioritization and evaluation of new and renewal work volumes to meet the goals of the department.
- Possess a comprehensive understanding of the following areas: property and HPR (Highly Protected Risk) loss control exposures and risk control techniques.
- Ability to create client facing reports and/or loss control surveys.
- Conduct loss control surveys at client locations to determine potential hazards and risk factors to be considered in underwriting/risk selection.
- Analyze loss or exposure trends, recognize opportunities to provide risk control products and/or services which can help reduce losses.
- Attend client/broker meetings, lunches, dinners and other social outings as applicable.
- Expand existing relationships and new prospective clients.
- Ensures compliance with all regulations and keeps abreast of any changes to laws and regulations which pertain to loss control.
- Explore and develop new technologies for delivering loss control services.
- Designs, develops, organizes and conducts training and staff development programs for internal and external customers; and
- Responsibilities also include the production of thought leadership articles or creation of LC library resources; and

**Qualifications:**

- A minimum of ten (10) years of experience in Property & HPR Loss Control within P&C insurance and/or private industry/government with at least (5) years in a Global Risk Management/technically complex environment.
- Established relationships with retail producers.
- Ability to plan strategically and prioritize workload to meet production and management objectives.
- Ability to be a team player.
- Ability to travel up to 35% of time. Travel will include driving, air travel, and overnight trips.

Sompo International offers a competitive compensation and benefits package commensurate with experience.

Send your resume to vsordillo@sompo-intl.com Victor Sordillo, SVP Global Risk Services Victor J Sordillo PE, CSP, MBA Senior Vice President Global Director of Risk Control Services 600 Campus Drive Florham Park, New Jersey 07932 Tel. # 1-908-376-2499 Mobile 1-908-251-0761 Email: vsordillo@sompo-intl.com
Employment Position Available

Job Description

Responsibilities:

Risk Logic Incorporated (RLI) is looking for an Asst. Property Loss Prevention Engineering Manager. The person will be able to review Highly Protected Risk “HPR” type property loss prevention surveys and write technical plan review letters. The applicant will need to work from home. The position includes minimal (if any) travel. Primary responsibilities will include conducting a technical review of insurance carrier and Risk Logic reports as well as plan review. Emphasis of the report review will focus on fire protection analyses, reviewing detailed Construction / Occupancy / Protection / Exposure (“COPE”) information and natural hazard exposures. Also the candidate will be conducting plan review for fire protection, construction, roofing, process hazards, and flammable liquids/aerosol exposures. The technical risk review and plan review will be conducted for large commercial and industrial facilities mostly in the U.S. and possibly abroad.

Position Requirements:

• Determine adequacy of automatic fire protection systems and water supplies for wide range of manufacturing and storage occupancies
• Analysis of natural hazard exposures and existing protection
• Develop recommendations for plan review using applicable NFPA and FM standards
• Expertise reviewing NLE’s, PML’s, and MFL’s
• Strong technical writing skills
• Self-motivated person who can work efficiently from a home office
• Understanding of Microsoft Windows, Word, Excel & Outlook
• Communicate daily via email and telephone
• Adequate interpersonal skills to communicate effectively with various clients

Work Experience Required:

• Minimum 5 years work experience at FM Global.
• Excellent understanding of NFPA and FM Global Standards

Required Education and Qualifications:

Bachelor of Science Degree in Engineering from an accredited college
Fire Protection PE license a plus

Salary & Benefits:

This is a part time position (20+ hours per week) that will be paid hourly. If successful it can turn into a full time position on January 1st.

If interested, please submit resume to jdurante@risklogic.com. Only qualified applicants meeting the above requirements should apply.

About Risk Logic Incorporated

RLI is a property loss prevention engineering company that provides comprehensive unbundled engineering services for insurance brokers, insurance carriers and directly with clients. Our services are performed globally. RLI has been in business for over 20 years. Go to www.risklogic.com for more information.
Fire Protection Engineer position opening at Brookhaven National Laboratory

A new Fire Protection Engineer position (Job ID 1523) has opened at Brookhaven National Laboratory. Brookhaven National Laboratory is a multipurpose research institution funded primarily by the U.S. Department of Energy’s Office of Science. Located on the center of Long Island, New York, Brookhaven Lab brings world-class facilities and expertise to the most exciting and important questions in basic and applied science—from the birth of our universe to the sustainable energy technology of tomorrow. We operate cutting-edge large-scale facilities for studies in physics, chemistry, biology, medicine, applied science, and a wide range of advanced technologies. The Laboratory's almost 3,000 scientists, engineers, and support staff are joined each year by more than 4,000 visiting researchers from around the world.

The following link details a much more comprehensive description of the job position and the ability to apply for it on-line:


If you should have further questions please contact:

Michael Kretschmann PE NYSCEO
Brookhaven National Laboratory
Fire Protection Engineering Manager
Lead Fire Protection Engineer
Building 902, Rm U29
P.O. Box 5000, Upton, NY 11973
(631) 344-5274
kretschmann@bnl.gov

NJSFPE 2018 Fire Prevention Week Grant Program

Marvin Maradiaga (NJSFPE) presenting Chapter grant to: (Left to right) Lauren Larkin (Councilwoman), John Hoffman (Deputy Chief & Acting Fire Official), Ray Penabad, (Councilman)
### Meeting Dates/Programs 2018-2019

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<th>Date</th>
<th>Program</th>
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<td>December 3, 2018</td>
<td>Major Losses &amp; Holiday Party</td>
<td>Jerry Naylis</td>
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<td>January 7, 2019</td>
<td>Home Fire Sprinkler Water Supply</td>
<td>Mike Wilson</td>
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<td>February 4, 2019</td>
<td>NFPA 13 Update</td>
<td>Russ Levitt</td>
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<td>March 4, 2019</td>
<td>Solar Panel Innovations</td>
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<td>April 4, 2019</td>
<td>Technical Seminar</td>
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<td>May 1, 2019</td>
<td>UL 268 Smoke Detector Standard</td>
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<tr>
<td>June 3, 2019</td>
<td>NFPA 20 Fire Pump Testing</td>
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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/afs/coffee-break/
CPSC http://www.cpsc.gov/
CSAA http://www.csaaul.org/
Municipal Codes (E Codes) http://www.generalcode.com/Webcode2.html
FM Global http://www.fmglobal.com/
FSDANY http://www.fsdany.org/reg.htm
FSI http://www.firesprinklerinitiative.org/
Fssa http://www.fssa.net/
Fire Tech Productions—Nice Training (FTP) http://www.firetech.com/
Home Fire Spklr Coalition http://www.homefiresprinkler.org/
AFAA-NJ http://www.afaanj.org/
The Joint Commission (JCAHO) - http://www.jointcommission.org/www.jointcommission.org/
National of Fire Equipment Distributors (NAFED) - http://www.nafed.org/index.cfm

2018-2019 CHAPTER COMMITTEES

STANDING COMMITTEES

Program
Mike Newman

Arrangements
Vicki Serafin, Chairperson

Membership
Paul McGrath, Chairman

Nominating
Marvin Maradiaga
Jim Burge

Auditing
Vanessa Gallagher, Chairman
Rich Reitberger

Archivist/Historian
Jim Tolos, Vicki & Nicole

Speaker Gifts
Rich Reitberger

Communications
Fusible Link—Brad Hart
bradhart07438@yahoo.com
Ana Cristostomo—Coordinator

Communications-Other
Paul McGrath
Mike Newman

Mailing/Automation/e-mail—Vicki Serafin, Chairperson
Webmaster—Mike Newman & Paul McGrath

SPECIAL COMMITTEES

Spring Seminar
Ed Armm—Chairman
Dave Kurasi—Sprinkler Speakers Coordinator
Jim Lous—Alarm Speakers Coordinator
Paul McGrath—Vendor Coordinator

Bylaws
Jim Tolos, Chairman
Joe Janiga
John Antola

Career Recruitment
Tim Costello, Chairman
Donna Spano
Marios Michaelides

Chapter Excellence Awards
Ernesto Vega-Jarita

PE Examination
Donna Spano

Chapter Seminar/Field Trip
Richard Reitberger, Chairman
Ed Armm, CoChairman
Dave Gluckman

Archivist/Historian
Jim Tolos, Vicki & Nicole

Communications-Other
Paul McGrath
Mike Newman

Mailing/Automation/e-mail—Vicki Serafin, Chairperson
Webmaster—Mike Newman & Paul McGrath

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Mike Newman

Mailing/Automation/e-mail—Vicki Serafin, Chairperson
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Fusible Link Newsletter Advertisement 2017-2018

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Company: ____________________________ Phone Number: ____________________________

E-mail Address: ____________________________

Membership Renewal Fee (CIRCLE ONE)

Business Card ………………... $ 100

1/4 Page ………………... $ 2.00

1/2 Page ………………... $ 300

Full Page ………………... $ 1,000

Payment:
- To pay by Credit Card click here: Pay On-Line Here
- To pay by mail make your check out to: “NJ Chapter SFPE” and send along with this Form to:
  Vicki Serafin—Membership
  CO NJ Chapter-SFPE
  P.O. Box 5298
  Parsippany, NJ 07054-5298

*Please send your Scanned Business Card or Artwork to the following e-mail addresses:
  Vicki Serafin@affilintest.com & richralt52@gmail.com

Any questions call Vicki at 973-541-4771.

Thank you for your continued support!