President's Message….

On August 1st the NJSFPE Executive Board held our annual chapter planning meeting. We are excited about presenting informative and enjoyable events this coming chapter year.

We begin the season with the 3rd part of Tim Costello’s presentation on the fundamentals of Fire Resistance at our chapter meeting on Monday, September 9th at the Hanover Manor.

In an effort to recruit new members and share the benefits of our monthly chapter meetings, the executive board has deputized you and all members to invite a guest to attend a meeting free. So ask your associate, vendor or customer who you feel would value the experience.

On October 10th, we will be meeting at the new Chubb Global Learning Centre in Branchburg, NJ to experience their great training facility that offers hands on training on all types of water based fire protection equipment as well as fire alarm systems and releasing panels.

On November 4th, Jeff Kochelek with Engineered Corrosion Solutions will discuss the challenges of corrosion in fire sprinkler piping.

The NJSFPE Fire Prevention Week Grant Program had received 34 applications from Fire Departments and Fire Prevention Bureaus from all over New Jersey. In conjunction with NJ-NY Metro SFPE Education Foundation we will be awarding $1,000 grants to the following organizations, Allamuchy Volunteer Fire Department, Belmar Fire Department, Kearny Fire Department and East Orange Fire Department.

Congratulations to their efforts to educate their citizens about ‘Emergency planning and Preparedness’! Also, kudos to all the FPW grant applicants for their demonstrated efforts to educate their communities about the risks of fire.

Take control of your professional development at #SFPE19 with up-to-date technical trends including Building Design and Technology, Forensic Analysis, Battery Energy Storage Systems, Fire at the WUI, Emerging Regulatory Approaches, Emerging Engineering Methods, and more while earning 14 PDHs (plus up to 21 PDHs available from the optional professional development seminars), and unparalleled networking opportunities with the right people. The 2019 SFPE Annual Conference & Expo: New Frontiers in Fire Safety will be held in Phoenix, AZ. https://www.sfpe.org/page/Phoenix2019

I look forward to you at the chapter meeting on Monday, September 9th at the Hanover Manor. Come

Paul

Chapter President
President Paul McGrath convened the meeting at 6:00PM with a salute to the flag and the usual introductions. There were 16 in attendance.

The Secretaries minutes from the May meeting were approved by the members. The Treasurer’s report for May will be presented at the next meeting.

Paul announced that the deadline for the Chapter’s FPW Grant program “Emergency Planning” is June 28th.

Paul announced that Lindsey at City Fire will take over as publisher of the Fusible Link beginning with the September Edition and that Brad will continue as Editor.

Thank you both. P.S. Brad asks us all to submit worthwhile material to him for the newsletter.

The Officers and Trustees will be working on an update to the bylaws over the summer.

Rich announced the success of the Foundation’s recent golf outing with about 90 players and $11,000 net proceeds.

Paul announced that the Chapter’s annual planning meeting will be held at City Fire on Aug 1 and that any Chapter member interested in attending is welcome but should call Paul beforehand.

Joe Janiga, of FM Global made a presentation on the reasons for and details of fire pump alignment inspections, why they are specified as part of annual fire pump inspections and how they differ from ‘full’ alignments, including a video demonstration from FM Global’s website.

The members elected the slate of Officers and Trustees for the upcoming year by majority (unanimous actually) vote.

Andrea Uhl announced a charity event by the Engineers club at the USGA museum for the benefit of Homeless Veterans. The event is to be held Sept 21. Contact auhl@engineersclubofnj.org for more info.

The meeting was adjourned at 8:00PM.
**SAVE THE DATE!**
Visit www.sfpenjnyfoundation.org for more information

**SFPE NJ NY Metro Chapter Foundation**
2nd Annual SFPE/AIA Joint Technical Conference
Thursday, October 3, 2019

**Speakers will include**

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Role</th>
<th>Company</th>
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<tbody>
<tr>
<td>Carl F. Baldassarra, P.E., FSFPE</td>
<td>Wiss International Engineering</td>
<td>ESFR Sprinklers – Full Scale Testing</td>
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<tr>
<td>Qianru Guo, PhD, P.E. (CA)</td>
<td>Simpson Gumpertz &amp; Heger</td>
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<td>Christopher Gates, UL LLC</td>
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<td>Michael A. Crowley, PE, FSFPE</td>
<td>Jensen Hughes</td>
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<td>George Poulis, Johnson Controls</td>
<td>Inc.</td>
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<td>Noah Ryles, P.E., PhD</td>
<td>Telgian Engineering &amp; Consulting</td>
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<tr>
<td>Elizabeth Conha Schooman</td>
<td>Telgian Engineering &amp; Consulting</td>
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<tr>
<td>Woody Ridgway</td>
<td>Controls Inc.</td>
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**Pre-Register Today. Full Agenda to follow. $125/ pp**  
Click [HERE](#) to register on-line

<table>
<thead>
<tr>
<th>TIME</th>
<th>CONFERENCE AGENDA</th>
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<tbody>
<tr>
<td>7:30AM</td>
<td>REGISTRATION OPENS</td>
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<tr>
<td>8:00AM</td>
<td>BREAKFAST</td>
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<tr>
<td>8:15AM</td>
<td>WELCOME AND OPENING REMARKS</td>
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<tr>
<td>8:25AM</td>
<td>Christopher Gates, - UL, Leonard Ramo—Telgian ESFR Sprinklers– Full Scale Testing</td>
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<tr>
<td>9:25AM</td>
<td>Michael Crowley, PE, FSPE—JensenHughes Health Care Fire Protection</td>
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<tr>
<td>10:25AM</td>
<td>Break 1</td>
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<tr>
<td>10:45AM</td>
<td>Carl Baldassarra, PE, FSFPE—WJE The History of Code Development in the United States</td>
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<tr>
<td>11:45-1:00PM</td>
<td>Lunch</td>
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<td>1:00PM</td>
<td>George Poulis—JCI and Woody Ridgeway—JCI Special Suppression System Technology Update</td>
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<tr>
<td>2:00PM</td>
<td>Qianru Guo, PhD, PE (CA) - SGH Structural Fire Protection</td>
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<tr>
<td>3:00PM</td>
<td>Break 2</td>
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<tr>
<td>3:15PM</td>
<td>Noah Ryder, PhD, PE—Fire Risk Alliance Large Scale Test Regarding the Dispersion of Natural Gas</td>
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<tr>
<td>4:15PM</td>
<td>CLOSING REMARKS</td>
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<td>4:20PM</td>
<td>AFTER-CONFERENCE NETWORKING EVENT AT COOPER’S MILL (Cash Bar)</td>
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NJSFPE
Chubb Lab Tour

Thursday October 10th, 2019
35 Columbia Road
Branchburg, NJ

Agenda
5:00 - 5:30 pm – Chapter meeting
5:30 – 6:00 pm – Buffet Dinner
6:00 – 8:00 pm – Fire Protection Equip. Lab Demos

The NJSFPE October 2019 dinner meeting will be held at the Chubb Lab at the above address. After dinner the Chubb staff will guide us through demonstrations of the latest fire protection equipment in action. The Lab is a new facility so come on out for a great learning experience with your peers. Price $30

Sign up on line HERE or e-mail Vicki at vicki.serafin@affiliatedfm.com
<table>
<thead>
<tr>
<th>Program/Event</th>
<th>Presenter</th>
<th>Date</th>
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<tbody>
<tr>
<td><strong>Fundamentals of Fire Resistance Part III</strong></td>
<td>Tim Costello WJE Associates</td>
<td>September 9, 2019</td>
</tr>
<tr>
<td><strong>Chubb Lab &amp; Training Center</strong></td>
<td>Chubb Engineer</td>
<td>October 10, 2019</td>
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<tr>
<td><strong>Corrosion Management in Fire Sprinkler Systems</strong></td>
<td>Jeff Kochelek, Engineered Corrosion Solution</td>
<td>November 4, 2019</td>
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<tr>
<td><strong>Latest Lessons Learned from Losses</strong></td>
<td>Jerry Naylis, Technical Fire Services</td>
<td>December 2, 2019</td>
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<tr>
<td><strong>No Meeting Scheduled</strong></td>
<td></td>
<td>January 6, 2020</td>
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<tr>
<td><strong>Cla-Val RE: Breach Valves</strong></td>
<td>Bill Moore</td>
<td>February 3, 2020</td>
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<tr>
<td><strong>Power over the Ethernet</strong></td>
<td>Ernesto Vega Janica, IEEE</td>
<td>March 2, 2020</td>
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<td><strong>NJSFPE &amp; AFAANJ Technical Seminar</strong></td>
<td>Various Presenters</td>
<td>April 22, 2020</td>
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<tr>
<td><strong>United Fire Protection Facility Tour on Special Hazards</strong></td>
<td>Frank Savino, United Fire Protection</td>
<td>May 4, 2020</td>
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<tr>
<td><strong>NJ-NY Metro Education Foundation Golf Outing</strong></td>
<td>New York County Club</td>
<td>June 1, 2020</td>
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<tr>
<td><strong>Fire Sprinkler Anti Freeze Protection</strong></td>
<td>Amber Bodner, Johnson Controls Fire Protection</td>
<td>June 8, 2020</td>
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<tr>
<td><strong>NFPA Conference &amp; Expo</strong></td>
<td>National Fire Protection Association</td>
<td>June 15-18, 2020</td>
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ARTICLE I: NAME
Section 1.1
The name of the organization shall be the “New Jersey Chapter of the Society of Fire Protection Engineers, Inc.” and is herein referred to as “the Chapter”.

ARTICLE II: PURPOSE
Section 2.1
The Chapter is organized exclusively for charitable purposes and specifically to advance the art and science of fire protection engineering and its allied fields, to maintain a high ethical standard among its members, and to foster fire protection engineering education amongst members of the profession and those interested in joining the profession, and to work with the SFPE (hereinafter “the Society”) and other State chapters on mutually important topics.

Section 2.2
The Chapter shall not speak for the Society on any local or national matter without specific written authorization from the Society.

ARTICLE III: MEMBERSHIP
Section 3.1
There shall be two grades of membership in the Chapter, SFPE Dual Member and Chapter Only Member. Those holding membership in SFPE will be considered Dual Members. Those holding membership in the Chapter and not with SFPE will be considered Chapter Members. Code Officials/AHJs can be given complimentary membership in the Chapter and will be considered Chapter Members if approved by the Board of Trustees.

Section 3.2
All applications for membership to the Chapter shall be submitted to the Membership Committee Chair, who shall confirm the applicant’s membership status in the Society, if applicable. After being voted upon favorably at a meeting of the Board of Trustees, the applicant’s name will then be read at the next regular Chapter meeting, and members present will vote on the applicant. If approved by the majority of members present, the applicant shall then be notified, in an appropriate manner, of his/her acceptance as a Chapter member, which shall be duly entered in the Chapter records by the Treasurer or designee.

Section 3.3
The annual dues of each Member shall be in the amount as recommended by the Board of Trustees and approved by a majority vote at any two consecutive regular Meetings. Chapter dues and fees are payable immediately upon election for a new Member and on a date established by the Board for all renewals.

Section 3.4
Complimentary members of the Chapter will not be required to contribute to the dues of the organization.

Section 3.5
Each Chapter and Dual Member is entitled to one vote in the affairs of the Chapter. Complimentary members of the Chapter do not have voting rights.

Section 3.6
Chapter Members who fail to pay Chapter dues/fees may be suspended by the Board, Reinstatement may be made upon reapplication and payment of dues/fees.

Section 3.7
Any Society Member may, upon written request to the Board of Trustees and on payment of an amount which is three times the annual dues, become a Life Member in the Chapter. Life Membership is retained as long as the member is a current SFPE member. Following acceptance as a life Member no portion of the fee shall be refundable.

Section 3.8
Any Member who retires from all professional income producing activity, and upon completion of the dues notice indicating “retired”, shall be exempt from paying annual dues/fees to the Chapter provided that they have a membership record in good standing for five years.

Section 3.9
Any Member may be expelled from the Chapter for cause after a majority vote of the Board. The Secretary shall send a letter to the individual indicating the reason he/she is to be voted upon for expulsion, and he/she may appear at the voting meeting to defend himself/herself.

ARTICLE IV: OFFICERS AND BOARD OF TRUSTEES
Section 4.1
Officers of the Chapter shall be: President, Vice President, Treasurer, and Secretary. At least one Officer or Trustee must be a member of the Society and hold dual membership.

Section 4.2
Officers of the Chapter shall be elected by a majority of Chapter members present at the Annual Business Meeting. Officers shall serve terms of one year or until their successors are elected. All officers shall serve without salary. The term of officers elected at the Annual Business Meeting shall commence on August 1 of the year elected.

Section 4.3
There shall be a Board of Trustees. The Board of Trustees will be made up of a panel of five (5) individuals. A member of the Board of Trustees serves a three (3) year term. Trustees are elected at alternate years so one or two Trustees are elected in any given year. At all meetings, a quorum is achieved through the presence of three or more Trustees. The First Trustee Election shall place new Trustees in the Chapter for July 1, 2018.

Section 4.4
No officer (except the Treasurer and Secretary) and no member of the Board of Trustees shall serve for more than two consecutive terms in any one office.

Section 4.5
Any Officer or Trustee may be expelled for cause (including unacceptable
By-Laws of New Jersey Chapter of the Society of Fire Protection Engineers, Inc.  
Cont.

amounts of meeting absences) after a 2/3 vote of the Membership. The Secretary shall send a letter to the Officer or indicating the reason he/she is to be voted upon for expulsion, and he/she may appear at the voting meeting to defend himself/herself. The voting rights of that Board member are suspended during that meeting.

Section 4.6

Vacancies in office may be filled until the next annual meeting by a majority vote of the Board of Trustees. Any person who is selected to fill a vacancy for an unexpired term of an elected Officer or Trustee is still eligible to serve for two full terms.

ARTICLE V: DUTIES OF OFFICERS AND BOARD OF TRUSTEES

Section 5.1

It shall be the duty of the President to preside at all meetings and to perform other duties usual to the office. The President shall call meetings of the Board of Trustees at his discretion or by request of three or more members of the Board of Trustees. The President shall appoint the chair of standing committees provided for in Article VII, and such special committees as may be required, subject to approval of the Board of Trustees as occasion may require. The President shall serve as “Ex-Officio” member of all committees. If for any reason the President is not available, the Vice President shall have the powers and prerogatives of the President.

Section 5.2

It shall be the duty of the Board of Trustees to formulate the policies of the Chapter. It is the duty of the Officers to conduct the ordinary business activities and perform such other duties as may be prescribed by the Constitution and By-Laws.

Section 5.3

It shall be a specific duty of the Board of Trustees to pass upon the desirability of any action submitted to the Chapter for its consideration with respect to basic policy.

Negative or advisory results will be reported immediately to the Chapter for further action.

Section 5.4

It shall be the duty of the Secretary to record all official actions of the Chapter and to perform the duties usual to the office. He/She shall issue all notices of meetings, keep minutes of meetings, maintain records of electronic voting, and issue up-to-date lists of the Chapter members to the Board.

Section 5.5

It shall be the duty of the Treasurer to receive all monies for deposit, keep complete records of all transactions, issue notice of membership renewal, collect members’ dues/fees and maintain a record thereof.

Section 5.6

The Board of Trustees shall meet at least quarterly, but may meet as often as necessary or desirable at the discretion of the President.

ARTICLE VI: AWARDS

Section 6.1

The Executive Committee may create an ongoing awards program to recognize Chapter Members. The Chapter President may present special awards as needs may arise. The Chapter President shall be a member of the awards committee.

Section 6.2

The Chapter establishes the following awards (in Section 6.4), which will be presented to the recipients at the annual business meeting. It is not the intent to present them annually, only as they are merited.

Section 6.3

Generally, the awards shall have a generic name and not a proper name (such as a past or present member of the Chapter, or other proper name).

Section 6.4

The award shall be a plaque (or other appropriate award as approved by the Board of Trustees) recognizing the recipients’ achievements.

Certificate of Appreciation: The Certificate of Appreciation shall recognize Chapter Members who, over the years, have rendered service to the Chapter in an unselfish, extraordinary manner, and have continually promoted the goals of SFPE.

Hats Off Award: The Hats Off Award is given to recognize a Chapter Member who, in the course of their Chapter assignment, have put forth that extra effort….walked that extra mile….to ensure that the effort expended was the absolute best.

The John V. Kelly Excellence in Government Award: The Excellence in Government Award is given in recognition to a public official’s accomplishments, contributions and achievements in the promotion of public awareness of fire protection and prevention concepts and ideals.

Engineer of the Year: The Engineer of the Year Award shall recognize Chapter Members who are registered Professional Engineers, and in the course of their normal activities have expended extra effort to promote the goals of the SFPE and extra effort to promote the profession of Fire Protection Engineering.

James Tolos Outstanding Service Award: The James Tolos Outstanding Service Award shall recognize Chapter Members who have rendered service as an Officer or Trustee of the Chapter or served on a Chapter committee for at least 5 years. The award is also presented to those members who have also served the Chapter in other capacities in an unselfish, extraordinary manner above and beyond normal expectations.

President’s Award: The President’s Award shall recognize Chapter Members who, in the course of activities during the prior fiscal year, have expended extra effort to promote the goals of SFPE and to contribute to the Fire Protection Engineering profession.

ARTICLE VII: MEETINGS

Section 7.1
Meetings shall be held at least quarterly, and there shall be one definite meeting being designated by the Board of Trustees as the Annual Business Meeting.

Section 7.2
At the Annual Business meeting the retiring President shall present a report reviewing the activities of the Chapter during the past twelve months and recommending future activities. The Treasurer shall present a report showing receipts and disbursements for the past twelve months, and a statement of assets, liabilities, and net worth at the close of the elected term.

Section 7.3
In order to transact business at any meeting of the Chapter, there should be a majority of the Board of Trustees present.

ARTICLE VIII: COMMITTEES

Section 8.1
Committees shall be of two classes: Standing Committees, which shall have a continuing function, and Special Committees appointed by the President for the execution of a particular task.

Section 8.2
The following Standing Committees and their functions are hereby established.

Program Committee: This committee shall recommend appropriate features for meetings and field trips.

It shall procure qualified speakers for presentation of subjects and information on, or allied to, Fire Protection Engineering, and shall extend the courtesies of the Chapter to such speakers. This committee, in conjunction with the Communications Committee, shall issue all notices (announcements) of any special meeting.

Arrangements (Meeting) Committee: This committee shall arrange all details of meetings and Chapter activities (such as luncheons, public address system, projectors, etc.) in cooperation with the Program Committee.

Membership Committee: This committee shall solicit qualified individuals to become Chapter Members.

The Membership Committee shall (a) screen applications for Chapter membership, (b) present to the Chapter applications for membership, (c) notify new members in writing of their acceptance and enclose a copy of the Chapter’s Constitution and By-Laws, and (d) introduce new members at a Chapter meeting.

Nominating Committee: The Nominating Committee shall consist of three members with two members elected by the membership at the annual business meeting. The immediate past president shall be the third member and shall Chair this committee. It shall be their duty to nominate a slate of officers and Trustees, and the nominating committee for the following fiscal year.

The above provision shall not preclude the nomination of any other candidate, but no member shall be eligible for election to any office unless his or her name shall have been submitted to the Secretary at least four weeks before the Annual Business Meeting, together with the signatures of five voting members of the Chapter. Nomination for officers and membership on the Board of Trustees shall be published by the Secretary to the Chapter members at least two weeks prior to the Annual Business Meeting.

Auditing Committee: This committee shall audit the Treasurer’s books, verify the balance and certify as to the accounts at the close of the fiscal year. The committee shall document the results of such audit in a letter to the president and make a report to the membership at the start of the following year.

Archivist Committee (Chapter Historian): This committee and the Chapter Historian shall be the curator to maintain and archive the records of the Chapter, including, but not limited to those from the President, Treasurer and Secretary. The Chapter Historian shall at least annually update the Historical Facts section of the Web page.

Communications Committee: This committee shall be responsible in notifying the Chapter membership of meetings and Chapter news. Communications shall include, but not limited to, (a) meeting notices, (b) minutes of meetings, (c) publication of the Fusible Link, and (d) posting of the Chapter ‘Constitution and By-Laws’ on the Chapter’s Web page.

ARTICLE IX: EXPENDITURES AND APPROPRIATIONS

Section 9.1
No expenditure or appropriation of Chapter monies shall be authorized except by majority vote of the Board of Trustees. This shall not include necessary expenditures required by the Secretary or Treasurer for meeting expenses, stationery, postage and incidentals.

Section 9.2
The Chapter shall in no way incur financial or contractual obligations upon the Society without full written approval of the Society, or upon the Chapter without full approval of the Board of Trustees of the Chapter.

ARTICLE X: AMENDMENTS

Section 10.1
These articles may be amended in the following manner. Proposals for amendments shall be submitted by any Chapter Member in good standing, in writing, to the Secretary. The Secretary shall present the proposals to the Board of Trustees. Any further action of the proposals requires a 3 of 5 quorum affirmative vote by the Board of Trustees. The tentatively approved proposals shall be distributed in writing to the membership and read at the regular meeting immediately preceding that at which the amendments are to be voted upon. Passage of the proposed amendments requires a two-thirds vote of the members present.

Article XI - Dissolution

Section 1: This Chapter may be dissolved at any meeting by written or printed ballots of two-thirds of the members present voting in favor provided that notice and purpose of such meeting is signed by at least fifty (50) percent of the Board of Trustees and Officers of the Chapter. Notice shall have been mailed to each person entitled to vote at least twenty (20) days previous thereto, and shall have been published three (3) weeks successively; once each week in a newspaper circulating in New Jersey and New York. Notice of dissolution shall forthwith be filed with the Secretary of the State of New Jersey.

Section 2: Upon dissolution of the Chapter the Board of Trustees shall satisfy the liabilities and distribute the assets of the Chapter in accordance with the following priority:

1. Payment and discharge of all liabilities and obligations of the Chapter.
2. Compliance with all conditions of any tax exemption applicable to the Chapter.
3. Return, transfer or conveyance of all assets received and held by the Chapter upon condition that the assets be returned, transferred or conveyed upon dissolution of the corporation.
4. Transfer or conveyance of all assets received and held by the Chapter subject to limitations permitting their use only for charitable, religious, eleemosynary, benevolent, educational or similar purpose but not held upon condition set forth in paragraph three (3) above, to one or more domestic or foreign corporations engaged in activities substantially similar to those of the dissolving corporation, or if applicable, to a receiver to be held for the benefit of the public and for use in accordance with the limitations, or pursuant to a Court Order.
5. Distribution of all assets required by the Chapter’s certificate of incorporation or by-laws to be distributed to the members in the manner so specified.
6. Disposition of all other assets.

Section One - Due to the nature of the world that we live in, there could arise situations where the hierarchy of the Chapter will be compromised due to national emergency, local emergency, or tragedy. The purpose of Emergency By-Laws for the Chapter is to provide alternative guidelines to the Membership in the event a national or local catastrophe causes disruptions in the proper workings of the Chapter.

1. A National Emergency/Catastrophe is declared by the President of the
2. A Local Emergency or Catastrophe is declared by the local authorities; OR
3. Some Event of Importance which is determined by the Board of
4. The Chapter is affected in a serious manner which would severely impair its ability to operate.

Section Two - The Emergency By-Laws will not be utilized unless one of the following occurs:

- United States; OR
- Trustees and Officers occurs;
- AND
- The Chapter is affected in a serious manner which would severely impair its ability to operate.

Section Three - If an Event causes the Emergency By-Laws to be utilized:

1. Any Officer or Trustee of the Chapter may call an Emergency Meeting of the chapter
2. Notice of the Meeting will be made through all available means, including telephone, and email.
3. The meeting location will be at the Office of the Attorney, if practicable.

If the Attorney’s Office is unusable, the meeting location will be at the discretion of the individual calling for the meeting.

Section Four - Emergency Meetings

1. Any decisions made at an Emergency Meeting will only remain in effect until a General Meeting of the Chapter may be called.
2. All decisions made at an emergency meeting need the approval of two-thirds (2/3) of the individuals attending the meeting.
3. The highest-ranking Officer present at the meeting will preside. If no Officers are present, the most tenured Trustee will preside.
4. At the Emergency Meeting, the members attending will determine whether the Emergency Powers must be implemented. A two-thirds (2/3) vote for use of the Emergency Powers will be necessary to enact them.
5. The Emergency Powers will end at the next General Meeting of the Chapter unless a vote is taken to extend the powers.

Section Five - Emergency Powers

1. The Emergency Monetary Power allows the Secretary of the Chapter to have signatory power over the monies of the Chapter. This allows banking, the making of checks, and financial responsibility to continue in the event the Treasurer, President or Vice President is unable to perform these tasks. Any use of the Emergency Monetary Power will be reviewed by the Auditing Committee after the lifting of the Emergency Powers and a report will be compiled and distributed to the Chapter.

These by-laws were adopted at the August 1, 2019 meeting of the NEW JERSEY CHAPTER of the SOCIETY OF FIRE PROTECTION ENGINEERS, INC.
Honeywell Recalls Gamewell-FCI and Notifier Photoelectric Smoke Sensors Sold with Fire Alarm Systems Due to Failure to Alert of a Fire!

IV Series photoelectric detectors operating in CLIP within the affected date range must be immediately removed from service and replaced. Any inventory must be returned for credit. This Safety Bulletin should be communicated to the site coordinator of all potentially impacted installations.

This recall involves "-IV" Intelligent photoelectric smoke sensors sold with fire alarm systems installed primarily in commercial buildings; not sold to retailers or consumers. The smoke sensors are round, ivory in color, and measure four inches in diameter. The model number, date codes and Honeywell or Notifier are printed on the back label of the smoke sensor. The smoke sensors have the following brand names, model numbers, date codes, and configuration.

NOTIFIER recalls FSP-951-IV Series Photoelectric Detectors Operating in CLIP Protocol

Recall Summary:

Name of Product: FSP-951-IV Series Photoelectric Detectors Operating in CLIP Protocol

Date Range: March 30, 2018 - January 14, 2019

Date Code Range: 8034 through 9013

Hazard: When these models are used in conjunction with the NOTIFIER ONYX NFS-3030 and NFS2-3030 Fire Alarm Control Panels (FACP) operating in CLIP they have the potential to not properly communicate a fire alarm condition in certain fire scenarios such as a fast, flaming fire.

Remedy Replacement: FSP-951-IV Series photoelectric detectors operating in CLIP within the affected date range must be immediately removed from service and replaced. Any inventory must be returned for credit.

Consumer Support: Technical questions should be directed to NOTIFIER Technical Support at 1-800-289-3473 or NOTIFIER.Tech@honeywell.com

READ SAFETY RECALL
The Notre Dame Fire

By Peter Stouffer

The NY Times wrote an excellent article (https://nyti.ms/32zde4D) about the devastating fire at Notre Dame Cathedral. It provides a vivid portrayal of the courage, selflessness, and workings of the firefighters as they attempted to preserve the priceless religious icon in Paris. If you are like me, you wondered why the firefighters didn’t seem to be doing much as the fire burned? Turns out that they were; and their actions saved the core of the church.

As I watched, I hoped that it was not caused by arson or terrorism. “Please don’t let it be man-made!” I said to myself. Accidents are easier to comprehend and accept than the violent acts of man. Thankfully, early reports seemed to rule out hostile actions.

After those two thoughts, I turned to wondering if the fire alarm system had worked? Had the heat or smoke been detected? Did the system alert local personnel? Did the signal reach a central station? Was the fire department notified? Was there a fire suppression system? Was there a fire-fighting plan in place? Did they train for this?

This piece of investigative journalism by the NY Times sheds quite a bit of light on my questions.

The current fire alarm system was comprehensive, taking experts more than six years to complete and involved thousands of pages of documentation. The fire occurred in an area that was covered by these fire plans: It started in the attic of the Cathedral, the famous framework of age-old timbers known as “la foret.” This area was impressively designed and fitted with aspirating smoke detectors, able to detect minute amounts of smoke and provide early warning of fire. Surprisingly the area was not specified or fitted with sprinklers or fire walls. This is what I consider the first failure – not identifying the potential fire loading of the attic and not specifying appropriate suppression, fire stops, and fire-retardant coatings for the timbers.

The smoke was detected early and reported to the on-site fire-watch. The security employee on duty did his best to verify the fire before notifying the authorities. However, he was tired due to starting a second shift, and he was only on his third day on the job. It is unclear if the procedures called for verification before calling authorities, or if the security employee chose this path on his own. Here is the second failure: poor training, processes, and standards for personnel operating the system.

The message that came across his screen read:

Fire – Attic Nave Sacristy – ZDA-110-3-15-1 – aspirating framework

I haven’t been able to verify, but I’m assuming (hoping) this message was in French not English. The security employee radioed down to a church guard and directed him to check for fire, presumably reading the message verbatim. Based on the first words of the message, the guard proceeded to go inspect the attic of the Sacristy – a small building attached to the main cathedral. It was the wrong place! The key word in the message was ‘framework’ indicating la foret – the last word of the message! This is the third failure: inadequate man-machine interface; indecipherable messages that make sense to someone, but not the security employee; the lack of mapping or graphic annunciator.

Meanwhile the security employee telephoned his manager but was unable to reach him. When they eventually connected, the manager discovered the mistake and directed the guard to leave the Sacristy and run to the main attic of the Cathedral. By the time the guard climbed the 300 steps, the fire was burning out of control, making a fire extinguisher useless. He radioed back to call for the fire department. At least 30 minutes had passed between the first smoke alarm activation and the call to the fire department. This points out the fourth failure: Why was the system designed to require manual verification by a guard up 300 flights of stairs? Even if he had been directed to the right place, the delay would have been excessive. Why not utilize video verification, call the fire department directly and cancel if visual verification doesn’t confirm, or any of dozens of other protocols that prevent this delay.

Thankfully, the firefighters saved most of the Cathedral through their heroic efforts. Hopefully the lessons learned from this tragic, preventable fire will direct our efforts as we design, specify, and install fire systems. The lessons I learned are:

1. Apply appropriate prevention, detection, and suppression for the building and fire load,
2. Ensure that all personnel have adequate, verified, sustainable training and skills,
3. Simplify and verify the effectiveness of the man-machine interface,
4. Design the system for very fast verification under all circumstances.
Hayward Industries Recalls Pool Heater Vent Kits Due to Carbon Monoxide Poisoning Hazard

**Name of product:** Hayward Vent Kits

**Hazard:** The recalled vent kits installed on gas pool heaters are not the proper size and can allow carbon monoxide to leak, posing a CO poisoning hazard to consumers.

**Remedy:** Replace

**Recall date:** June 12, 2019

**Units:** About 280 (in addition, 7 units were sold in Canada and 13 units were sold in Mexico)

**Consumer Contact:** Hayward Industries toll-free at 888-847-8717 from 8 a.m. to 6 p.m. Monday through Friday, or online at http://www.recallrtr.com/haywardventkit, or online at www.hayward-pool.com then click on the Recall link at the top of the page for more information.

**Description:** This recall involves the Hayward UHXNEGVT15001 Negative Pressure 6-inch Vent Kit for pool heaters. The vent kit is used exclusively on the Hayward H500FD Gas Heaters. The kit includes the following: one vent pipe adapter for negative pressure galvanized vent pipe, one flue cover plate with hole for vent, #10 sheet metal screws, vent pressure switches, vent pressure switch tubing and vent pressure switch jumper wire. Only Hayward H500FD Gas Heaters that are installed indoors and use 6-inch negative pressure galvanized vent piping are affected by this recall. The name Hayward is stamped into the furnace housing above the water pipes. The model and serial number H500FD is located to the left of the water pipes.

**Remedy:** Consumers should immediately turn off the pool heater and contact Hayward for free replacement and installation of a new vent kit. Do not use your pool heater until a new vent kit is installed.

**Incidents/Injuries:** None reported

**Sold At:** Pool equipment distributors nationwide and online at poolsupply4less.com and tcpoolequipment.com from March 2015 through April 2019 for about $265.

**Manufacturer(s):** Hayward Industries Inc, of Nashville, Tenn.

**Manufactured In:** USA

**Recall number:** 19-136
Viessmann Recalls Boilers Due to Carbon Monoxide Hazard

Viessmann at 800-288-0667 from 8:30 a.m. to 5 p.m. ET Monday through Friday, by email recall@viessmann.com or online at www.viessmann.com and click on “Important Notice” located in the middle of the homepage for more information.

Name of product: Vitodens boilers

Hazard: The boiler heat exchanger back plate can corrode and leak flue gases, allowing the boiler to emit excessive amounts of carbon monoxide, posing a CO poisoning hazard to consumers.

Remedy: Repair

Recall date: April 25, 2019

Units: About 2,900 (in addition, about

Consumer Contact:

Recall Details

Description: This recall involves the Vitodens 200-W and Vitodens 222-F series boilers used for space or domestic water heating. There are five affected models in a specific serial number range. The Vitodens 200-W is a wall hung unit, housed in a white metal box about 38 inches high and 18 inches wide. The Vitodens 222-F is a floor mounted unit, housed in a white metal box about 68 inches tall and 24 inches wide. The name “Vitodens” is printed on the label on the outside of the boiler box. The product name and model number can be found on the left side of the boiler cover. The serial number can be found on the underside of the wall mounted boiler and on the center section on the floor mount model.

Remedy:
Consumers with recalled boilers should immediately contact the installer or distributor from whom they purchased the boiler or Viessmann to schedule a free in-home safety inspection and repair. Consumers who continue the use of the boilers while awaiting repair, should have a working carbon monoxide alarm installed outside of sleeping areas in the home.

**Incidents/Injuries:** None reported  
**Sold At:** Viessmann Authorized Dealers from September 2014 through October 2018 for between $2,700 and $4,200.

**Manufacturer(s):** Viessmann Werke GmbH & Co KG, of Germany  
**Importer(s):** Viessmann Manufacturing Company (U.S.) Inc., of Warwick, R.I.  
**Distributor(s):** Viessmann Manufacturing Company (U.S.) Inc., of Warwick, R.I.  
**Manufactured In:** Germany  
**Recall number:** 19-111

*Report an Incident Involving this Product.*

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**Interline Brands Recalls Swivel Fittings Due to Fire Hazard**

![Recalled ProPlus Brass Flare Swivel Fitting (¼ inch by ½ inch)](image)

**Name of product:** ProPlus Brass Flare Swivel Fittings  
**Hazard:** The fittings can leak, posing a fire hazard.  
**Remedy:** Refund/Replace

Recall date:  
**March 28, 2019**

**Units:** About 140,000

<table>
<thead>
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<th>Model Number</th>
<th>Description</th>
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<tr>
<td>39-4</td>
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<tr>
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<tr>
<td>39-10-6</td>
<td>5/8&quot; × 1/2&quot;</td>
</tr>
</tbody>
</table>

**Recall Details**

**Description:** This recall involves multiple sizes of ProPlus Brass Flare Swivel fittings used as connectors for copper tubing. The brass, gold-colored fittings connect two male flare nuts opposite to each other. The Swivels were used primarily for LP gas (propane) applications by professional installers.

**Remedy:** Consumers should immediately contact Interline for a full refund or a replacement fitting. Consumers with recalled fittings that have already been installed should contact Interline to arrange for a professional installation of a free replacement fitting.

**Incidents/Injuries:** Interline has received two reports of the swivels leaking at installation.  
**Sold At:** Hardware retailers from August 2017 through November 2018 and sold to
professional installers by Loran, Barnett, Hardware Express, SupplyWorks, Wilmar and Maintenance USA stores from August 2017 through July 2018 for between $1 and $8.

**Manufacturer(s):** Zhejiang ACME Pipe Fitting Co., LTD, of China

**Importer(s):** Interline Brands, Inc., of Jacksonville, Fla

**Manufactured In:** China

**Recall number:** 19-094

**Report an incident involving this product.**

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**Navien Recalls Tankless Water Heaters and Boilers Due to Risk of Carbon Monoxide**

**Name of product:** Navien condensing tankless water heaters and combination boilers

**Hazard:** A kit installed on the tankless water heaters and boilers to convert them from natural gas to propane can cause the unit to produce excessive amounts of carbon monoxide, posing a risk of carbon monoxide poisoning to consumers.

**Remedy:** Replace

**Recall date:** December 20, 2018

**Units:** About 3,400

**Consumer Contact:** Navien at 800-244-8202 from 8 a.m. to 5 p.m. PT or e-mail recall@navien.com or online at https://www.navieninc.com/news for more information.

**Description:** This recall involves only Navien condensing tankless water heaters and combination boilers with model numbers NPE-180A, NPE-180S and NCB-180E that have been or will be converted from using natural gas to propane gas. The recalled water heaters and combination boilers were manufactured between July 9, 2018 through October 14, 2018. The manufacturing date is identified within the serial number. The serial number is printed on a label which is affixed to the side of the unit and on the product packaging. The first two digits identify the year, the next single digit identifies the month, and the last two digits identify the day. For example, 18709 stands for July 9, 2018. X stands for October.

![Table of Serial Numbers](image)

**Remedy:** Consumers should immediately stop using the recalled water heaters and boilers that are using propane gas and...
CHARITY & NETWORKING
BARBECUE AT THE
USGA MUSEUM

Fundraising for Homeless Veterans of the
United States Armed Forces

Presented by The Engineers’ Club of NJ &
Society of Fire Protection
Engineers of New Jersey

Date: Saturday, September 21, 2019
Buffet with Wine/Beer & non-alcoholic beverages

Time: 6 p.m. - 9 p.m. Location: USGA Museum
77 Liberty Corner Rd. Far Hills, NJ 07931
Cost $85.00 Members $105.00 Non-Members
Reduced pricing for Spouse/Significant and children
Dress code is business casual. No jeans, t-shirts, & sneakers.

Please RSVP to auhl@engineersclubofnj.org or purchase tickets on Eventbrite

Full exclusive use of the museum and outside putting green.

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100% of all profits donated to charity.
Anyone wishing to donate gifts
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auhl@engineersclubofnj.org
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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.csaaul.org/
Municipal Codes (E Codes) http://www.generalcode.com/Webcode2.html
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