SFPE New Jersey

NJSFPE
416 Bergen Street #219
Harrison, NJ 07029
contact@sfpenj.org

FUSIBLE LINK

September 2025

September Meeting

The Case for Water Mist Fire Extinguishing Systems for Large Data Centers

Frank Savino, Presenter,

Monday, September 22, 5:00 – 5:30 Social,

5:30 – 6:00 Buffet Dinner, 6:00 -7:00 Presentation

Location: United Fire Protection, 1 Mark Rd, Kenilworth NJ

Overview: Modern data centers require innovative solutions to meet evolving demands, including advanced fire protection systems. Key drivers for this innovation include:

- Increased power demands driven by artificial intelligence (AI)
- High-voltage data center architecture
- Advanced, efficient cooling technologies
- Power backup advances, including both centralized and in-rack lithium-ion batteries

This session will explore:

- What is water mist fire protection?
- Relevant codes and standards
- How water mist systems function
- Comparison of high-pressure and low-pressure water mist systems
- Methods for creating water mist
- Water mist flow rates (GPM) versus traditional sprinklers
- Prescriptive vs. performance-based design approaches
- Emergency generator protection
- Benefits and limitations of water mist systems
- Centralized lithium-ion battery energy storage system (BESS) protection requirements

Sign up online HERE

Chapter Executive Board August Planning Meeting

In August the Chapter Officers and Trustees met to plan out our September (2025) through June (2026) program and activities. A Full schedule of meetings and events to be released shortly.

NJSFPE Bylaw Change

Based on NJ State requirements we are adding two additions to our current Chapter Bylaws. The two new sections below will be added once approved by the Board of Trustees and the membership. We will discuss and possibly vote at the September Meeting.

Section 2.3

No part of the net earnings of the organization shall inure to the benefit of any private shareholder or individual.

Section 2.4

No substantial part of the activities of the organization is carrying on (political) propaganda, or otherwise attempting to influence legislation. Additionally, the organization does not participate or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.

Any questions or comments can be directed to: contact@sfpenj.org

Fight critical fire scenarios without serious environmental impact

The cULus Listed and FM Approved Oxeo Extinguishing System from Viking offers a unique solution for high-challenge fire events with its use of nitrogen (IG-100) and argon (IG-01), two natural components of the ambient air, as extinguishing agents. Oxeo is available in both its original pressure reducing and new "constant flow" options.

Because these inert gases are electronically non-conductive and leave no residue, they are designed to prevent fires in high-risk areas such as data centers, galleries, evidentiary or pharmaceutical storage, turbines, and many more applications that contain sensitive equipment.

Features and advantages of Viking's Oxeo Extinguishing System:

- Inert gas suppression is a sustainable solution — Oxeo systems will not result in harmful environmental impacts upon use, and also prevents secondary damage to sensitive equipment
- Inert gases are excellent for extinguishing fires of Class A (solid matter), Class B (flammable liquids), and Class C (energized electrical equipment)
- System size is based on cubic feet of protected area, and up to 99 tanks can be actuated pneumatically. Systems are released electronically, requiring a form of detection and a releasing control panel
- Viking provides everything for the complete system, including custom racking options and kitted offerings for easier ordering
- Oxeo is cULus Listed and FM Approved for Class A, B and C fires

** Oxeo is not FM Approved or cULus Listed for Class D fires, but can be used to suppress a Class D fire (metals, such as 3D metal printing machines) due to its use of Argon.*

For more information, please contact your Viking SupplyNet sales representative or visit our website at **vikinggroupinc.com**.

TECHNICAL SPECIFICATIONS

Listings/Approvals*	cULus Listed FM Approved
Tank Capacity:	30, 80 and 140L
Pressure Rating:	2,901 psi (200 bar) 4,351 psi (300 bar)
Occupancy/Hazard:	Classes A, B and C

For technical data and system part numbers, please visit vikinggroupinc.com.

DIGITAL TOOLS

Our Oxeo System Estimator allows users to quickly configure and size their Oxeo inert gas suppression system for estimation purposes. Visit oxeo.vikingcorp.com to get started.

MKT-1150

General reference only. Prior to the design, layout, and/or installation of any suppression system, please refer to Viking's technical documentation and consult with the AHJ.

Trusted above all.™

VIKING®

Work For Risk Logic click Here

Modern Fire Protection Systems: Challenges, Innovations & Field-Tested Best Practices

Link to article HERE

SFPENJ.org

UNITED Fire Protection Corporation

Jason Singh
Business Development / Corrosion Specialist

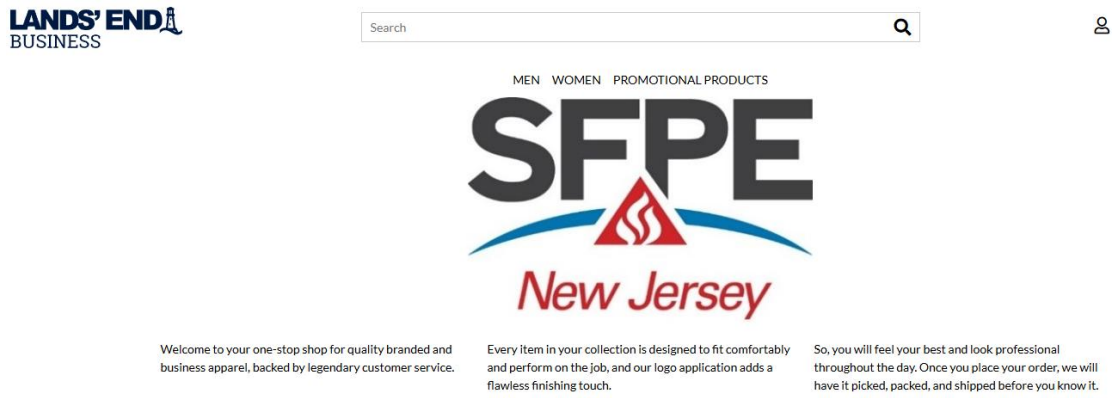
1 Mark Road
Kenilworth, NJ USA 07033

Phone: 908-688-0300 x291
Cell: 908-887-0374
Fax: 908-688-0218
jsingh@ufpco.com
www.ufpco.com

UNITED
FIRE PROTECTION CORPORATION

UNITED
FIRE SYSTEMS

NJ SFPE Chapter Merchandise



To order customized great apparel from Lands' End with our embroidered Chapter Logo SFPE New Jersey Go HERE

Upcoming SFPE Virtual Seminars & Webinars

HERE

SFPE Publications and Handbooks

Go Here

SFPE International Merchandise

https://sfpecustomgear.itemorder.com/shop/home/

SFPENJ.org

SFPE Weekly

A WEEKLY UPDATE ON THE LATEST SFPE NEWS & RESOURCES

SFPE Weekly News Brief – a customized weekly news brief published every Thursday that includes a hand-curated selection of industry news and SFPE updates.

[Subscribe HERE]

SFPENJ.org

Are you a professional member?

If you haven't already, apply for professional membership to become the gold standard in your profession. Encourage your chapter members to do the same. Professional membership is highly regarded and increasing the number of professional members will improve your Chapter's ACE score!

More Info - Go HERE

Chapter Leadership

Officers (One Year Term – August 1, 2025 to July 31, 2026)

President - Marvin Maradiaga
Vice President - Evan Fitzgerald
Secretary - Joe Janiga
Treasurer - Richard Reitberger

Trustees (Three Year Terms – Alternating Years)

Jim Loftus (**3 Year Term July 1, 2025 to June 30, 2028)**
Victoria Valentine **(3 Year Term July 1, 2023 to June 30, 2026)**
Ernesto Vega-Janica (**3 Year Term July 1, to June 30, 2027)**
Mark Bagniewski **(3 Year Term July 1 '25 to June 30, 2028)**
Natasha Pandya (**3 Year Term July 1, 2023 to June 30, 2026)**

Fusible Link Newsletter Advertisement - 2025

Name: _____

Company: _____

Phone Number _____

E-mail Address: _____

Fee: (CIRCLE ONE)

Business Card ..... ____ $ 100
1/4 Page .... $ 250
1/2 Page .... $ 500
Full Page ..... ____ $ 1,000

Make your check out to: "NJ Chapter SFPE" and send along with this Form to:

Rich Reitberger – Fusible Link
NJSFPE
416 Bergen Street # 219
Harrison, NJ 07029

*Please send your Scanned Business Card or Artwork to the following e-mail address: richreit522@gmail.com

Any questions call Rich at: 973- 902-1319

Thank you for your continued support

Questions or Comments or if you need further information about the Chapter contact the Fusible Link editor at contact@sfpenj.org