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I believe in being an innovator.

Walt Disney

Ever since man discovered fire we have had the threat of uncontrolled fire causing damage to property and a threat to life. In 1874, Henry S. Parmalee is credited for inventing the first automatic sprinkler head improving on the Pratt patent to create a better fire sprinkler system. Parmalee's interest was protecting his piano manufacturing company. Later, Fredrick Grinnell improved upon that design to patent a sprinkler that bears his name (1881). He further invented the glass disc sprinkler in 1890 that is similar to heads used today.

The technology has changed these systems over the years. Until the 1940's most automatic fire sprinkler systems were only installed in commercial buildings, but move to protect residential property was made. The change included changes in the types of fire sprinkler heads to include specific types (residential, extended coverage, quick response, ESFR and attic) to meet the variety of applications and installations. Improvements were needed to meet the ever changing applications, designs, and construction modifications for new construction and existing building remodels.

We, as an industry, continue adapt to meet the needs of our proponents and critics. Technology is looking at systems that protect buildings in extreme cold temperature. That addresses areas where there is drought or water supply concerns. To address the issue of water damage with smart fire sprinklers. To change with the times and address new designs, occupancy uses and space loads to protect property and lives.

----- Save the Date -----

### **Upcoming NFSA WI Chapter Events**

**May 15 – 18, 2019**

NFSA Annual Seminar and North American Fire Sprinkler Expo  
Nashville, TN

### **NFSA Chapter Meeting**

May, 2019

Date and Location TBD

**August 26, 2019**

31<sup>st</sup> Annual Burn Center Golf Invitational  
Grand Geneva Resort & Spa

**NSFA Annual Seminar and Expo**

Check [nfsa.org](http://nfsa.org) website for more information.

**Burn Center Golf Invitational**

Planning has started for the 31<sup>st</sup> annual Burn Center Golf Invitational on August 26, 2019 at the Grand Geneva Resort and Spa. This prestigious event has been supported by the fire sprinkler industry over the years and has donated over \$2.5 million to burn prevention programs at Ascension Columbia St. Mary's Burn Center and the Burn Camp for Youth.

The event will start at 10:00 AM with registration and practice time at the driving range and putting green. Lunch will be served at 11:00 AM with a Bloody Mary Bar available nearby. Shotgun start for golf will start at noon on the Brute and Highlands courses. Golf will be a scramble format with award for top two teams. The evening program will begin at 5:30 PM with appetizers and cash bar. Dinner to be served at 6:00 and evening program to begin at 6:30.

Early bird registration packets will be sent to sponsors by the end of February with early bird registration closing in April. Early bird registration includes a 10% sponsor discount, additional golfers, and early sponsor recognition in newsletters and websites. Please contact Marty King at [king@nfsa.org](mailto:king@nfsa.org) about participating.

The 2018 BCGI saw 186 golfers participate with over \$110,000 donated. We are expecting another banner year.

**NFSA Layout Technician Blended Learning Course**

You asked, NFSA listened and delivered. This new approach to fire sprinkler training allows for a combination of self-paced and interactive online learning along with in-class sessions. The course is comprised of:

- A "40 hours of online" portion facilitated by an NFSA instructor who will monitor and assist as needed, and be available for live chat or phone calls. Segments include codes and standards, sprinkler installation, seismic protection, fire pumps and standpipes, and hydraulic calculations.
- A 5-day, in-person portion focuses on intense practical application layout and design work under the guidance of an NFSA instructor. Project management and layout and calculations of wet- and dry-pipe system will be covered.
- The final portion is a required verification that the student has received training or is competent in CAD. This is provided by the employer or mentor of the student.

Find out more at <http://bit.ly/NFSAtrng>



**Because Nobody does Fire Sprinkler Training Like NFSA --- NOBODY!**

**\*\*\*\*\* 2019 Classes \*\*\*\*\***

**Two week Layout Technician Training**

March 25 – April 5, 2019

Baltimore, MD

July 22 – August 2, 2019

Sacramento, CA

October 14 – October 25, 2019

Baltimore, MD

**Layout Technician – Blended Learning In-Class Practicum**

April 1 - 5, 2019

Baltimore, MD

July 29 – August 2, 2019

Sacramento, CA

October 21 – October 25, 2019

Baltimore, MD

**Wisconsin Fire Sprinkler Saves**

**February 8, 2019**

**Beloit, WI**

A cooker fire was reported early this morning at Kettle Foods in the 3100 block of Kettle Way, and no injuries were reported, according to the Beloit Fire Department.

The fire was reported shortly after 3 a.m. and all employees were evacuated prior to the department arriving on scene. Crews observed light smoking from the smoke stacks, and the fire was contained to the cooking area. A sprinkler system was activated and helped contain the small blaze.

**February 20, 2019**

**Madison, WI**

A fire in a room at Chamberlin Hall on the UW-Madison campus was extinguished by an automatic fire sprinkler Wednesday night, with nobody getting hurt in the fire. The fire was reported at 11:05 p.m. in the building at 1150 University Avenue that houses the Physics Department. "Firefighters made their way through the building to investigate the problem," said Madison Fire Department spokeswoman Cynthia Schuster. "They found water on an upper-level floor and the smell of smoke became much more apparent." With the sound of an activated fire sprinkler being heard coming from a locked room, a full structure fire response was called for, with Ladder Co. 1, Engine Co. 1, Command Car 31 and other central city units responding. "Crews returned to the room in question and unlocked the door," Schuster said. "That's where they found evidence that a fire had taken place almost directly underneath an automatic fire sprinkler." The



fire was extinguished by the sprinkler and smoke had dissipated. Damage was confined to the point of origin and didn't spread to other rooms.

**February 21, 2019**

**Richfield, WI**

Firefighters on Thursday night, Feb. 21 responded to the scene of a fire at Cabela's in the Village of Richfield. The call came in around 11:15 p.m. Officials say the fire originated in an arcade game on the second floor — and was extinguished by the sprinkler system. Assistant Chief Burgard stated 'One of the games appeared to have been on fire and there was a sprinkler head in that room that completely extinguished the fire. So, one sprinkler head saved the entire building, That sprinkler saved possibly millions of dollars in damage. It could have ended up much, much worse'.

**February 25, 2019**

**Appleton, WI**

A single sprinkler head was able to extinguish fire from a stove top at an Appleton child care facility on Monday. At around 11:45 a.m., the Appleton Fire Department was sent to Appleton KinderCare on S. Oneida Street for a report of a fire in the kitchen. All staff and 65 children at the day care were able to safely evacuate the facility. When crews arrived, they had found that a sprinkler head was able to completely extinguish the fire, which had only damaged some nearby cardboard boxes. Officials say the fire started when a worker had placed empty boxes on top of the stove and a burner may have been inadvertently turned on. According to the Appleton Fire Department, this is the second incident in the past two months in which a sprinkler extinguished a fire in an Appleton building.

**Contact me with your saves!**

Contact me **A.S.A.P. at (414) 531-9542 or e-mail: [king@nfsa.org](mailto:king@nfsa.org)** if you have information regarding a Major Fire or Sprinkler Save or fire is defined as "one where there is extensive property loss, multiple death or injury to citizens or firefighters, or any other significant circumstances regarding fire sprinkler protection or lack thereof." Our goal when the appropriate fire scenario occurs is to influence immediate post-media coverage regarding the application of fire sprinkler protection, or lack of protection." Sprinkler Saves will help inform others that the systems do work and will provide life and property saving values.

When forwarding information of a major fire include; date, time, city, state, address, sprinkled, non-sprinkled, injuries, deaths and any other fire related particulars that may be available. Also, contact me if your company replaces a sprinkler head(s) due to activation by fire.

**NFSA On-Line and In-Class Seminars**

The 2017 On-line Technical Seminars have been scheduled. All seminars are conducted by NFSA staff or consultants on Tuesdays and will start promptly at **10:30 A.M. Eastern Time** and run approximately 1.0-hour. Seminar topics are designed to various levels of understanding, Basic (B), Intermediate (I) and Advanced (A) levels.

**FEES: FREE for members.** Non-member Cost: \$250.00\* per seminar

The On-Line Seminars have been approved for 1.0-hour CEU credit in Wisconsin for the following licenses: Automatic Fire Sprinkler Contractor, Automatic Fire Sprinkler Contractor – Maintenance, Journeyman Automatic Fire Sprinkler



Fitter, Automatic Fire Sprinkler Tester, and Commercial Building Inspector. From the desktop of an office or the comforts of a home, one can watch the 1 hour live-interactive seminar and receive credit. When registering for the seminar, ***the registrant needs to inform the NFSA that they are in need to receive Wisconsin CEU's.***

- In order to take advantage of the FREE seminar, you must register PRIOR to the live event. Registration for live Tech Tuesdays closes 24 hours prior to air date. If you register after this time you will be required to purchase the seminar at the normal price.
- Only registered participants will receive credit for participation. Please ensure anyone needing continuing education credits, registers for the seminar under their individual account. Don't have an account? [Click here!](#)
- Effective January 1, 2019, Tech Tuesday seminars qualify for 1.0 contact hours.
- Once registered, live Tech Tuesday seminars will be available in your online training account for 30 days following the live event. You must complete the seminar within the 30 days to be awarded credit. If you do not complete the seminar within the 30-day window, you will be required to purchase the seminar to get credit.

You can attend a NFSA Seminar without traveling to a classroom. For more information and to view a demonstration, visit our Website at [www.nfsa.org](http://www.nfsa.org) and click on Training.

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### 2017 "Technical Tuesday" Online Classes

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- Features Live Q & A
- AIA/CES approved
- Qualify for NICET credits (.1 CEU/1 CPD each class)
- Classes begin at 9:30 a.m. Central Time

3/19	Using UFC and NFPA Standards for DoD Projects	Mark Hopkins, P.E., VP of Engineering
4/16	IFC for Fire Sprinkler Contractors	Jeff Hugo, Manager of Codes
5/21	Proposed Updates to NFPA 25, 2020 Edition	Vince Powers, ITM Specialist
6/18	Recommended Practices for Insulation	Kevin Hall, P.E., Manager of Engineering Research