



July 2005

INDUSTRY HITS JACKPOT IN LAS VEGAS

NFPA Acts to Require Sprinklers in Dwellings

On June 9, 2005, at its 2005 World Fire Safety Conference and Exposition in Las Vegas, Nevada, the membership of the NFPA voted to require fire sprinkler systems in all new one and two-family dwellings. The historic action took place through floor votes in support of amendments to two separate consensus documents – the **NFPA 101® Life Safety Code, 24.3.5.1** and the **NFPA 5000® Building Code, Chapter 22**.

The action within the Life Safety Code was contested by the National Association of Home Builders (NAHB) by making very negative accusations about the ethics of the NFPA process. In later action on the Building Code, the same proposal went without challenge. Witnesses estimate the vote to have been about 300-20. The NAHB claimed that the decision of the Committee on Residential Occupancies to mandate residential sprinklers, coming at the end of the public comment period, did not allow sufficient public review.

The NAHB opposition was met by a stream of support for dwelling sprinklers from various organizational representatives, including the **NFPA Fire Service Section, the Center for Campus Firesafety, the Illinois Fire Inspectors Association, Underwriters Laboratories, the Washington State Fire Marshal's Office, the American Public Health Association, and the Firefighter Life Safety Initiatives Project**. **Cathy Stashak**, representing herself and the **Illinois Fire Inspectors Association**, gave public testimony on the monumental changes to NFPA 101. She was passionate and stated in a very compelling way that it was time to move forward to protect our homes and families. Her sentiments were echoed by the above organizations.

NFSA Executive Vice President Russ Fleming applauded the floor action, stating "It was gratifying to see the level of support for a long overdue requirement for sprinklers in dwellings. Many people have worked very hard for decades to show others that sprinklers are the solution to the residential fire problem, and a practical solution." He noted that many NFSA members and staff were among those who stayed to the end of the two-day Technical Committee Reports session to ensure that the committee was supported in its efforts.

Commenting on the news, **NFSA President John Viniello** noted, "This is truly an historic day in the annals of fire safety. We are pleased to finally see the efforts of the many people who have worked tirelessly for this goal to protect lives and property comes to fruition. I want to thank all the members of the many organizations that joined with the NFSA in supporting these changes".

Rousing applause was given after the floor acceptance of both documents.

Daniel J. Gengler/Regional Manager ■ P.O. Box 280 ■ Williams Bay, WI 53191 ■ (262) 245-5255

The NFPA Standards Council will meet in July to hear any challenges, and is expected to issue the new editions of NFPA 101 and NFPA 5000 at that time.

Federal Legislation Designates September as Campus Fire Safety Month

Landmark legislation, HB 295, has been introduced in Congress designating September as Campus Fire Safety Month. This legislation was announced at Campus Fire Safety Summit 2005, an unprecedented gathering of members of Congress and fire safety experts from across the nation on Capitol Hill in Washington, DC to discuss the issue of campus fire safety. The Summit was co-sponsored by **Congresswoman Stephanie Tubbs Jones (Ohio)** and the Center for Campus Fire Safety, a non-profit education and advocacy organization based in Massachusetts.

“We are grateful to Congresswoman Jones and **Senator DeWine** for demonstrating leadership and their support for the safety of our students across the nation,” said Ed Comeau, the director of the Center for Campus Fire safety. “This legislation will help to focus national attention on campus fire safety and the steps that can be taken to protect and educate the future generation about fire safety.”

Over three-fourths of the fire fatalities in student housing since 2000 have occurred in off-campus housing. Common factors in many of these fires include:

- Lack of automatic fire sprinklers
- Missing or disabled smoke alarms
- Careless disposal of smoking materials
- Alcohol consumption

In April alone, six students were killed in four fires at Miami University in Ohio, Southern Adventist University in Tennessee, Penn State in Pennsylvania and at the University of Maryland. Significant fires have recently occurred at Rust College, George Washington University, Alabama A&M and other schools across the nation.

Too often, according to Comeau, fire safety education is something that is not strongly emphasized and this could play a vital role in reducing the number of both on- and off-campus fires. “We have seen too many tragic fires and close calls that could have been prevented through simple fire safety measures, but only if the occupants had been taught these steps,” reported Comeau. “Several of the common factors in the fatal fires involve personal decisions—decisions that led to tragic consequences. By educating students we will not only protect them while they are in school but in the years to come, helping to reduce the almost 4,000 lives lost each year to fire in the United States.”

Tennessee Chosen to Lead Nation in Education Outreach

The **Tennessee Fire Safety Inspectors Association** has received a grant of over \$506,000 dollars from the **2004 Assistance to Firefighters Grant Program** to host educational conferences across the state starting in June, 2005. These educational programs will be taught by the National Fire Sprinkler Association who is part of *the "Fire Team Tennessee"*, which includes the Tennessee Fire Chiefs Association, The Tennessee Fireman’s Association, The Tennessee Fire Sprinkler Contractor’s Association and the International Society of Fire Service Instructors.

The educational conferences will be held in Nashville, Knoxville, Memphis, Chattanooga, Kingsport and Jackson and will cover a full range of topics from how fire sprinklers work to how to implement a local ordinance to mandate fire sprinkler protection. The conferences will also work to bring together political leaders, water purveyors and local and state AHJ's in an effort to achieve a wider acceptance of residential fire sprinkler protection.

NFSA President John Viniello looks forward to the leadership success of "Fire Team Tennessee" and a major follow-up expansion of the same program across our nation. There are a lot of fire service educators in Alaska, Idaho, Montana, Oregon and Washington State that would like to see that happen in their areas also so they will be rooting for Tennessee to successfully show the way!

[Fire Sprinkler Incentive Act of 2005 Needs Your Advocacy-Get Everyone Writing!](#)

As Encouraged by Congressman Curt Weldon, Let's Start The Letters Flowing Again!

Access the Special Link Page through [NFSA.org](#)

Both the House and Senate versions of the *Fire Sprinkler Incentive Act of 2005* are **now posted on the NFSA web site link page**. The House Bill is HR 1131 and the Senate Bill is S 512. In addition to the bills, the site contains a host of other important information that can be downloaded, including a list of current cosponsors and support organizations. Most importantly, it is time once again to write to your Senators and Representatives to advocate for passage of this landmark fire protection legislation.

It's easy! Just log onto the site at www.nfsa.org and use the Cap Wiz set up (**upper right corner of the home page**) to send pre-prepared or personalized letters to your Congressional Representatives, members of the House Ways and Means Committee or the Senate Finance Committee. These are the committees of jurisdiction over the bills. **Have your staff and employees write! Have your family write! Ask your friends and acquaintances to write!** Don't procrastinate! We cannot afford to lose the tremendous momentum that we accomplished during the 108th Congress. The 109th Congress is a whole new ball game! **As the congressman stated, it's our fault this hasn't passed already! This legislation is important to the entire industry, don't shirk your responsibility.**

<http://www.nfsa.org/fsia/fsiahome.html>, This is the site to do the Cap Wiz for the Fire Sprinkler Act of 2005 federal legislation. As of last Friday, only 200 people nationally had signed on petitioning our congressmen and senators to co-author the legislation. That won't do. More need to impress our legislators to become a part of making the country a safer place to live, work and recreate. Please help us to influence our elected officials.

Illinois Representatives, committed in **red** but still need communications of support:

- | | |
|---|---|
| Rush, Bobby L.; Illinois, 1st | Jackson, Jesse L.; Illinois, 2nd |
| Lipinski, Daniel; Illinois, 3rd | Gutierrez, Luis V.; Illinois, 4th |
| Emanuel, Rahm; Illinois, 5th | Hyde, Henry J.; Illinois, 6th |
| Davis, Danny K.; Illinois, 7th | Bean, Melissa L.; Illinois, 8th |
| Schakowsky, Janice D.; Illinois, 9th | Kirk, Mark Steven; Illinois, 10th |

Weller, Jerry; Illinois, 11th

Biggert, Judy; Illinois, 13th

Johnson, Timothy V.; Illinois, 15th

Evans, Lane; Illinois, 17th

Shimkus, John; Illinois, 19th

Costello, Jerry F.; Illinois, 12th

Hastert, J. Dennis; Illinois, 14th

Manzullo, Donald A.; Illinois, 16th

LaHood, Ray; Illinois, 18th

Wisconsin Congressmen:

Ryan, Paul; Wisconsin, 1st

Kind, Ron; Wisconsin, 3rd

Sensenbrenner, F. James; Wisconsin, 5th

Obey, David R.; Wisconsin, 7th

Baldwin, Tammy; Wisconsin, 2nd

Moore, Gwen; Wisconsin, 4th

Petri, Thomas E.; Wisconsin, 6th

Green, Mark; Wisconsin, 8th

Senators from both states have yet to commit as well, contact them too:

Durbin, Richard- (D - IL)

332 DIRKSEN SENATE OFFICE BUILDING WASHINGTON DC 20510

(202) 224-2152

Web Form: durbin.senate.gov/sitepages/contact.htm

Obama, Barack- (D - IL)

713 HART SENATE OFFICE BUILDING WASHINGTON DC 20510

(202) 224-2854

Web Form: obama.senate.gov/contact/

Feingold, Russell- (D - WI)

506 HART SENATE OFFICE BUILDING WASHINGTON DC 20510

(202) 224-5323

E-mail: russell_feingold@feingold.senate.gov

Kohl, Herb- (D - WI)

330 HART SENATE OFFICE BUILDING WASHINGTON DC 20510

(202) 224-5653

Web Form: kohl.senate.gov/gen_contact.html

NFSA ENGINEER OF THE DAY – If Your Not Using This member Service Then You Are Losing \$\$\$\$

The National Fire Sprinkler Association has for over a year offered the “Engineer of the Day” service to its’ membership. Every business day, a member of the NFSA Engineering Department is assigned the duty to handle incoming technical questions of the day. The rotation assignment is scheduled so that all members of the engineering division have an opportunity to interface with the membership and this service shares the load of more than 1200 requests for assistance that occurred in 2004.

The average time between receiving the request for information and sending out the response by phone, fax or email was one-third of a business day. Phone call requests are handled by a return phone call, email requests by a return email and faxes by a return fax. In order to ensure that the request is handled as quickly as possible, members should send the request in the correct manner.

This service has been an outstanding success as members are receiving timely information that significantly helps throughout the entire fire sprinkler engineering/contracting discipline. You can check-out NFSA Engineer of the Day at their website and read what our members are saying about this invaluable service. (<http://www.nfsa.org/news/articles/eodnews.pdf>)

For more information, contact: NFSA, PO Box 1000, Patterson, New York, 12563; by telephone at (845) 878-4200, by Fax at (845) 878-4215 or at our website: www.nfsa.org

[Need an Ordinance? Check this Process](#)

If you are looking for the prototype ordinance, go to the web. Start by entering this: www.municode.com. Then click "online library", pick state then pick a community you know has ordinances that favor sprinkler protection. For a quick look at some also go to the Northern Illinois Fire Sprinkler Advisory Board site at: www.firesprinklerassoc.org and go to the Square Foot Upgrades by Town button.

[Sprinkler Activation Project](#)

The Residential Sprinkler Activation Project is a cooperative undertaking between the **US Fire Administration, the National Institute of Standards and Technology (NIST), and the National Association of State Fire Marshals (NASFM)**. The purpose is to gather current and relevant data regarding residential sprinkler activations. It is anticipated that this data will demonstrate the effectiveness of sprinklers, be useful in offsetting objections to them, and provide valuable reference material in the fire code process.

Individual fire departments are encouraged to participate, and the first step is to obtain a logon and user name. This can be done by contacting either **Roy Marshall**, email rfirms@netins.net or at 712-829-2734, or **Dan Carlson**, 605-770-7850. If you have been assigned a logon and user name go to the NASFM home page (www.firemarshals.org) or if you prefer a search engine use NASFM or National Association of State Fire Marshals. On the home page you will see a logo in the upper left corner—a star with a helmet at the top. Put your cursor on the helmet and click. You will be taken to a page that asks for logon and password. After entering these you will, in most cases, go directly to the report entry form (if you are taken first to a page with choices, select sprinkler activation project.) Complete the data fields on the report, most of which are drop-down choices. Keep in mind that for the purposes of this report NA and Unknown are interchangeable (if a question is unknown use the menu choice NA). All fields must be completed, with the exception of an option near the end, which allows you to include digital pictures. The **National Institute of Standards and Technology, NIST**, will be using these reports, and they asked that departments be given the option of including a picture. If you have one, that's fine, but this field can be bypassed.

You will be able to generate reports of your own entries if you wish to do so, and if someone at state level is designated a state level user that person may generate reports for the entire state. For the purposes of this report "residential" is permanent housing, but does not include transient housing such as hotels and motels.

This is a two-year program, so any residential sprinkler activation between the dates of July 1, 2003 and June 30, 2005, may be entered.

NFSA Academy Trains You at Your Desk

To answer the call for a quality distance-learning program, NFSA has introduced the **NFSA Academy**. With 80 modules to pick from, dealing with beginner to advanced training, the Academy has something for everyone! Save on lost billable hours and travel expenses by getting your continuing education needs right from your own desktop. Log onto www.nfsa.org and click on the banner and sign up for the NFSA Academy, your competition is!

Major Fire Protocol/Sprinkler Saves - WE NEED THIS INFO TO HELP PROMOTE THE INDUSTRY!

Contact me **A.S.A.P. at (262) 245-5255 or e-mail: dannfsa@aol.com** if you have information regarding a Major Fire or Sprinkler Save. A major 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.

ILLINOIS

Illinois Professional Engineer Legislative Update

HB 1445, an amendment allowing NICET III to layout sprinkler systems, passed through the State House of Representatives on May 27, 2005. The new legislation was introduced by industry friend Dan Burke and was intended to clean up the professional engineer oversight created by a conflict with the license language and that of language of the Professional Engineer Act of 1989. The bill, as of this writing, had to be passed out of the legislature to the governor for his signature.

The bill will have sixty days once it reaches his desk to become law that will formally allow for a NICET certification of "layout drawings" to be passed onto the AHJ for approval. If unsigned by the governor after the sixty days, it becomes law. The only snag would be a veto by the governor and that event is highly unlikely at this juncture as the bill was unopposed through the Senate and the House. The amendment should be signed by September at the latest. PE's must still stamp hospitals and nursing homes as it is a specific requirement of the Illinois Department of Public Health.

This represents a major victory for the industry as it will allow a contractor employing a NICET certified employee to “layout”, not design or engineer, a drawing according to professional engineer’s specifications and submit for approval. The requirement is in line with many other states doing the same thing. The NFSA has been the catalyst throughout the country to see this issue to close.

Lemont Sprinkler Save

Submitted by **Mary Kay Ludemann, Lemont Fire Protection District Public Education Coordinator;**

A quick response fire sprinkler system extinguished a fire in a factory approximately 25 minutes after midnight on May 31, 2005. GKN Waltersheid, a manufacturer of highway drive train equipment is located at 2715 Davey Road within the Lemont Fire Protection District. The fire was limited to a part's cleaning machine located in the center of their production floor. Estimated dollar loss value of the equipment is less than \$10,000. "The bright side of this situation is that the sprinkler system did its job" said Scott Caskey, Manufacturing Engineer. It is believed that the machine was inadvertently left on, which led to the fire. Although official cause of the blaze is undetermined at this time, Lemont Firefighters ventilated the smoke from the building and assisted with salvage operations. There were no injuries as a result of this fire.

10th Annual Illinois Burn Prevention Burn Prevention Golf Invitational – Major Success

The 10th Annual Illinois Burn Prevention Golf Invitational held June 6, 2005 at the Glen Flora Country Club in Waukegan, Illinois was the best ever. Always a great and fun outing, this year was one to remember. Temps in the eighties and just enough breeze to make it comfortable, all enjoyed the day and sported sun burned happy faces. At this year's outing \$75,000 was raised with great class including golf, dinner, auction and raffles. Proceeds for this venture will benefit the *Illinois Fire Safety Alliance "Camp I am Me"*, the *Loyola Burn Unit* and NFA Educational Fund.

Kudos go the Steering Committee; **Chair Fred Kroll, Alliance Fire Protection, Co-Chairs Amos Miner, US Fire Protection-IL, Cary Nicol, Viking Supply Net, Don Smith, Chicago Backflow, Danielle Sandfox, Fox Sprinkler Supply and Tom Lia, NIFSAB.** Special thanks go to **Lisa Woodward and Peg Paul** for their support. Special recognition for the wonderful sponsors of the event, especially **Diamond Sponsor Chicago backflow, Inc.** and those who donated for the successful auction. A very special thanks to Fred Kroll as this was his tenth year as chair and is stepping aside. His leadership and inspiration helped the event grow and set the pace for bigger outings in the future.

Wisconsin

Wisconsin Moving on More College Legislation

The Wisconsin Fire Sprinkler Industry Coalition is mounting an agenda for new college fire sprinkler legislation. The coalition is made up of NFA contractors, Locals 183 & 669. The new bill calls for all private school existing high-rises, privately owned existing high-rises for college residents, fraternities, sororities and all new residential to be protected with automatic fire sprinklers. The bill mirrors the state bill of five years ago but is being applied to private schools this time. Senator Ron Brown, R-Eau Claire will be our sponsor and lobbyist; Martin Schreiber & Associates are shopping for co-sponsors. Contact your state senator to sign onto the legislation. Be ready to help with communications to your state representatives when the House companion bill surfaces. That proposal is anticipated to be ready for introduction later in the summer.

NFSA-WI Chapter Annual Summer Meeting, Seminar and Golf Outing-Sign Up NOW!

The Annual NFSA-WI Summer Meeting, Seminar and Golf Outing have been set for July 12, 2005. The meeting and seminar will again be held at the Holiday Inn Express in New Berlin. **Kevin Kelly, NFSA Manager of Codes**, will give a 1.5-hour CEU accredited program on Large Drop Sprinklers. All should have received their notices. If not contact me at (262) 245-5255 or dannfsa@aol.com.

Burn Center Golf Invitational Date Set

The 17th Annual Burn Center Golf Invitational has been set for August 29, 2005 at the Grand Geneva Resort & Spa. More than \$1,200,000 has been raised the past sixteen years. Expect invitations by mid-June. Contact **Dan Gengler (262) 245-5051** or **Kay Luedke (262) 783-5660** for more information. Sponsors are wanted to help make this year's event the best ever for the special causes it promotes. The outing is sponsored by the **Midwest Fire Sprinkler Industries, Milwaukee Fire Department** and presented by the **Wisconsin Alliance for Fire Safety**.

NFSA News

Sprinkler Pre-Op Survey-Help Us Help Protect the Integrity of the Industry-Help Us Help the Industry

The NFSA Quality Assurance Committee is seeking contractor input regarding problems with pre-operation of sprinklers, particularly fast response glass bulb sprinklers as found in listed quick response, residential, and ESFR sprinklers. Please take a few minutes to log on to www.nfsa.org and fill in the form and transmit by fax to NFSA headquarters at (845) 878-4215. Please check all boxes that apply in your experience. Leave blank the ones that do not apply.

Early trends identified have indicated protection of the sprinklers is needed in both storage and transport. Also, there has been some evidence that there can be damage if the sprinkler is installed too tightly in plastic pipe. Care should be exercised with all components and the sprinkler itself exasperates the existence of the sprinkler system. If not cared for or installed properly, failure very possibly will occur causing liability and confidence concerns.

EDUCATIONAL OPORTUNITIES

NFSA Adds NFPA 13 Update Seminars to Sprinkler Academy

The NFSA has added two new seminars to the offerings in the **NFSA Sprinkler Academy** for sprinkler contractors and Authorities Having Jurisdiction that are just beginning to adopt and enforce the 2002 edition of NFPA 13.

Each of the seminars, "*What's New in NFPA 13 Installation Criteria*" and "*What's New in NFPA 13 Discharge and Support Criteria*" explain the major changes between the 1999 and the 2002 editions of NFPA 13. These seminars are a big help to people that are familiar with the 1999 edition of NFPA 13 and want to know what is new in the 2002 edition.

For a detailed description, visit the NFSA Academy at www.nfsaacademy.org. Have questions? **Call Dawn at 845-878-4200 x133 or by email at dawn@nfsa.org.**

[Inspection and Testing Certification Review Seminar](#)

NFSA has introduced the first in a series of seminars designed for the individual interested in the inspection and testing of water-based fire protection systems. Entitled "*Inspection and Testing Certification Review Seminar*", the first three-day class was presented in East Syracuse, New York and received rave reviews. Other dates and locations will be announced as they are scheduled.

This seminar is designed for individuals interested in reviewing material required for NICET Level II certification in the relatively new sub-field of Inspection and Testing of Water-Based Fire Protection Systems. By the end of the seminar the student will have an understanding of a sufficient number of Level I, Level II General, and Special work elements to be prepared for Level II certification testing.

To get additional information or to register for either of these programs, **contact Diana Romano at (845) 878-4200 ext. 132.**

[APS – Foremen and Construction Supervisors-Contract Programs- In Today's Industry Environment, You Need an Advantage and We Have it for You](#)

Looking for a great in-house program without exposing your employees to other employers? The APS training program is the second of NFSA's Professional Development Programs designed with the FMI Corporation, Management Consultants to the Construction Industry. The APS-Foreman & Construction Supervisors class objectives include: Increase productivity on projects, conserve and utilize resources, maximize the effectiveness of people and improve customer service. This program is geared to the people supervising operations at the jobsite.

Your company can contract this program with the NFSA and reap the cost and time saving benefits by having an in-house session. Industry recognized instructor Mike Friedman (2002 Golden Sprinkler Award Recipient) will come to your location and put on a seminar that will pay for itself, and then make your company money. For more information, **Contact Moira Ravel @ (914) 878-4200 ext 131 or email Mike Friedman at friedman@nfsa.org.**

Speaking of NFSA Contract Classes, we will schedule an in-house training program with your company on any of our programs. Contact me at (262) 245-5255 or e-mail at dannfsa@aol.com for more information.

[2nd Half 2005 Live Online Interactive Seminars Schedule - ***Get Wisconsin CEU's – Understand the Standard](#)

The Summer and Fall 2005 schedule is underway and is devoting its "Technical Tuesday online seminar series of ten online seminars scheduled for the second half of 2005. The series begins with a virtual attendance at the 2005 NFPA World Safety Conference, including the historic vote on sprinklers in dwellings. The other nine seminars will delve more deeply into specific NFPA 13 issues introduced as part of the ongoing overview of the 2002 edition. As in the first half of 2005, a 30 percent savings will result from registration for all ten seminars. Go to www.nfsa.org for registration for the online seminars. Checking all ten boxes for the seminar series will result in the discount. The level of all seminar topics is considered intermediate. Because these seminars are being offered as a complete program on NFPA 13, a 30% discount is available when signing up for all ten seminars in the series.

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 1.5-hours. Seminar topics are designed to different levels of understanding, Basic (B), Intermediate (I) and Advanced (A) levels. There are several seminars that cross two levels. We will have the 2003-second semester classes in next month's newsletter.

July 12, 2005 – Fire Sprinkler Update from the 2005 NFPA World Safety Conference – Russell P. Fleming, P.E., Executive Vice President

The NFPA has now merged its spring and fall meetings into a single annual World Safety Conference and Exposition, being held June 6-10, 2005 in Las Vegas, Nevada. For those unable to attend, this seminar provides a virtual attendance, including a review of highlights from dozens of technical presentations relating to fire sprinklers, the accompanying exhibition, and a summary of significant sprinkler-related changes to NFPA codes and standards processed at the technical committee report session, including the NFPA 101/NFPA 5000 proposed requirement for sprinkler protection of all dwellings.

August 2, 2005 – Vertical Shafts – Victoria B. Valentine, P.E., Manager of Product Standards

Stairways, escalator openings, trash chutes and linen chutes are all types of vertical shafts. These vertical openings between floors require special sprinkler protection. This program will review NFPA 13 and model building codes including draft stops and closely spaced sprinkler requirements.

August 23, 2005 – Atria and High Ceilings – Kevin J. Kelly, P.E., Manager of Codes

The concept of sprinkler protection located at very high ceilings or in open areas connecting multiple floors has been an area of study for many years and has the potential for future research. This seminar will cover the current rules from NFPA standards and the model building codes for sprinklers in these areas. This seminar will also cover research that has lead to the current rules and recommendations.

September 13, 2005 – Sprinkler Temperature Ratings – Kenneth E. Isman, P.E., Assistant Vice President of Engineering

Although ordinary temperature sprinklers are encouraged in most circumstances, there are a number of locations where higher temperature classification sprinklers are required or where their use would be advantageous to the design of the system. This program will cover the requirements of where higher temperature sprinklers are required and where they can be used to improve the design of the system.

September 27, 2005 –Meters, Backflow Preventers, and Pressure Reducing Valves – Russell P. Fleming, P.E., Executive Vice President

Meters, backflow preventers, and pressure reducing valves share a common feature: they are installed on water supply lines upstream of fire sprinklers. This seminar describes the function of these devices, the various types, laboratory requirements, and how they work. It also examines how these devices are regulated with regard to installation in accordance with NFPA 13 and inspection in accordance with NFPA 25.

October 11, 2005 – Pitching and Draining of Sprinkler Systems – Cecil Bilbo, Director of Technical Services

This seminar will discuss the requirements for the proper Pitching and Draining of Automatic Fire Sprinkler Systems. The seminar will focus on the design, installation and testing requirements from NFPA 13 and NFPA 25. The requirements for material selection from NFPA 13 will also be covered.

October 25, 2005 – Hose Stream and Hose Stations – Kevin J. Kelly, P.E., Mgr. of Codes

NFPA 13 has specific criteria for hose connections supplied by sprinkler systems. The rules for the installation and use are different than those for standpipes. This seminar will cover the current installation rules from NFPA 13 as well as when these systems are required to be installed. Topics covered include; protection of storage, hose equipment, flow and pressure requirements, hose station location, proper use and training, plans and calculations.

November 8, 2005 – Sloped Ceilings – Victoria B. Valentine, P.E., Mgr. of Product Standards

Current installations involve a variety of sloped ceiling conditions and different types of sprinklers used under the sloped ceilings. This program will review sloped ceiling arrangements and the guidance provided by NFPA 13. Special attention will also be given to combustible concealed spaces of wood truss construction with members closely spaced and a slope having a pitch of 4 in 12 or greater.

November 22, 2005 – Obstructions – Kenneth E. Isman, P.E., Asst. V.P. of Engineering

This program will review the obstruction rules for standard spray sprinklers, extended coverage sprinklers, residential sprinklers and ESFR sprinklers. Basic clearance issues will be discussed along with the beam rule, three-times rule (four-times rule for extended coverage) and the partition rule. Isolated and continuous obstructions for ESFR sprinklers will be covered along with a discussion of specially listed ESFR sprinklers that are less susceptible to obstruction concerns.

December 6, 2005 – Fire Department Connections – Cecil Bilbo, Dir. of Technical Services

This seminar will discuss the requirements for Fire Department Connections on Automatic Fire Sprinkler Systems. The seminar will focus on the design and testing requirements from NFPA 13, NFPA 14 and NFPA 25. The requirements for material selection from NFPA 13 and NFPA 1963 will also be covered.

NFSA Member Cost: \$125.00* per seminar per computer
Non-member Cost: \$250.00* per seminar per computer
Members Participation Verification w/Certification: \$25.00
Members Participation Verification w/Certification: \$50.00

The On-Line Seminars have been approved for 1.5 –hours CEU credit in Wisconsin. This is monumental because those needy contractors/fitters not finding the availability to get away from the workplace or jobsite will find this opportunity quite convenient. From the desktop of an office or the comforts of a home, one can watch the 1½-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.

NFSA is offering to all AHJ's the member rate for these live on-line seminars. Order all 10 and save 30%. For more information on this offer and information on these seminars contact Dawn at Dawn@nfsa.org or 845-878-4200 x133.

Hey Illinois Contractors!

NFSA Announces Unique Training Opportunity - Certificate Program for Fire Sprinkler Technicians

Hey Illinois Contractors, Get Yourself NICET Certified

The National Fire Sprinkler Association is proud to announce a unique training program for design technicians called the *Certificate Program for Fire Sprinkler Technicians*. The program will run for approximately two years and will guide a design technician along a career development path, creating knowledgeable and efficient layout and detail professionals.

At the beginning of the program, the participant will be asked to identify a mentor at their company to work with. The mentor should be someone in a supervisory position with experience in sprinkler layout and detail that can help answer questions and monitor the progress of the participant. The mentor becomes a partner with the NFSA and the participant in the learning process.

Program Overview - This six-phase program will take a new sprinkler design technician and guide them through a training process where they will learn to become profitable employees. By the end of the program, they will be capable of working with a minimum of supervision, preparing drawings that detail the installation of fire sprinkler systems, standpipe systems, fire pumps and water tanks. During the program, the participant will be completely prepared and qualified to sit for the NICET Level 2 exam. By the end of the program, the participant will be ready to test for NICET Level 3 Certification.

Target Audience - The program is designed for people that are fairly new to the fire sprinkler business including entry level design technicians, design technicians working towards NICET Level 2 Certification, managers that want to know more about sprinkler requirements and plan review authorities that want to learn more about sprinkler systems. During the program it is anticipated that the technician will take the NICET Level II exam during Phase 3 and will take the NICET Level III exam at the end of the program.

For more information, or to register for the program, go to the NFSA website at the following address: www.nfsa.org/news/articles/techcertificate.doc or phone the NFSA Engineering Department at 845.878.4200 ext. 132.

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, or call Dawn at (845) 8784200 x 133. Check these on-line programs:

**SIX WEEK ON-LINE PROGRAMMING:
NEW HYDRAULICS FOR FIRE PROTECTION SYSTEMS,
PUMPS FOR FIRE PROTECTION
RESIDENTIAL SPRINKLERS HOMES TO HIGH-RISE
INSPECTION, TESTING & MAINTENANCE OF WATER BASED FIRE PROTECTION
SYSTEMS**

NFSA Midwest Regional In-Class Seminars

Your Regional Manager is looking to schedule 2005 programming, **Contact Dan Gengler (262) 245-5255 or dannfsa@aol.com** for information or registration. Check the NFSA web site to register and to link to our other regions for seminars that may fit your educational needs.

Special Discounts:

Non-Member Fire & Building Officials:

When a building or a fire official wants to take an NFSA “full-day in-class” seminar, they can get a special discount package that pays for the seminar and also gives them a one-year membership in the NFSA. The regular seminar fee is \$99.00 dollars and the regular one-year subscriber membership is \$85.00 dollars. That totals \$184.00 but when you join the NFSA as a subscriber member when you register for the NFSA seminar, you only pay a combined fee of \$149.00 dollars which saves you \$35.00 dollars on the total package.

Just make sure you check-off the “F&B” box with red pricing on the seminar registration form. By becoming a member and taking an NFSA seminar all at the same time, you’re getting valuable industry information both ways.

NFSA Honor Role

Acme Sprinkler Service Company
Chicago, IL
(7/15/65) 40 years

Ahern Fire Protection
Fond du Lac, Wisconsin
(7/01/81) 24 years

Alliance Fire Protection
Lake Forest, IL
(7/15/95) 10 years

Great Lakes Plumbing & Heating Co.
Chicago, Illinois
(7/05/67) 38 years

Milwaukee Valve Company, Inc.
Milwaukee, Wisconsin
(7/23/88) 17 years

Ram Fire Protection, Inc.
Hanover Park, Illinois
(7/17/03) 2 years

SPD Incorporated
Schaumburg, Illinois
(7/9/01) 4 years

Valley Fire Protection Systems, LLC
Batavia, Illinois
(7/17/03) 2 years

Thanks for your industry support!

Don't wait to schedule your calendars. Make plans to attend the NFSA conventions of the future. They promise to offer insight and profit potentials.

**NATIONAL FIRE SPRINKLER ASSOCIATION ANNUAL SEMINAR
SOUTHAMPTON, BERMUDA
FAIRMONT SOUTHAMPTON
APRIL 27-29, 2006**

For more information, visit: www.nfsa.org

**6th INTERNATIONAL FIRE SPRINKLER CONFERENCE
LISBON, PORTUGAL
MARCH 28-29, 2006**

For more information, visit: www.sprinklerworld.org

**NFSA Annual Seminar & Exposition
Red Rock Station Resort Casino
Las Vegas, Nevada
May 2-5, 2007**

Registration materials for both 2006 conferences will be available in Winter 2005. Please notify us if you know of additional contacts that would be interested in either conference.

[NFSA Code of Ethics Preamble](#)

The members of the National Fire Sprinkler Association recognize that their work has a direct, as well as indirect, impact on the quality of life for all humanity. Accordingly, the services provided by NFSA members require honesty, impartiality, fairness and equity, and must be dedicated to the preservation of life and property and the further enhancement of the public safety, health and welfare. In practice of their profession, members of the National Fire Sprinkler Association must maintain and constantly improve their competence and perform under a standard of professional behavior, which requires adherence to the highest principles of ethical conduct with balanced regard for the interests of the public, clients, employees, colleagues and the greater fire protection community they serve. Members of the National Fire sprinkler Association are expected to act in accordance with the provisions of this code of ethics and all applicable laws, and actively encourage others to do the same.