



# Post Indicator

Quarterly Newsletter March, 2008

## President’s Message – Phil Owens

Fellow FMAM Members:

There are many new horizons in 2008 and large projects in which a number of us will be involved, including hosting the Republican National Convention and the ICC Meeting & Code Hearings. Each of these will present unique challenges and both are significant, and in a sense historic events. However, Let us not forget the important work that we do each and every day by providing a safe built environment in which our citizens can live, work and play.

### State Fire Code:

Many of us have just completed the two day State Fire Code update class provided by members of the State Fire Marshal Division staff. This was an excellent production that should well prepare us to enforce the recently adopted 2007 Minnesota State Fire Code.

FMAM was pleased to have been a partner with the SFMD and the ICC in the publication of the first ever MSFC, complete with all state amendments in the text of the code.

Those of you, who have not yet purchased copies of the Fire Code, may wish to purchase them at a discounted price from the good folks at the Fire Instructors Association of Minnesota Book Store.

## Legislative Session:

The State legislature is now in session, and although we are sure that they will focus strongly on transportation infrastructure, we along with our friends at MnFAC must direct their attention to some issues that are of interests to us as well.

One of the most significant of which is an effort to remove the mini-maxi requirements from the fire protection sections of the State Building Code, which would permit local adoption of retroactive and or more stringent fire sprinkler requirements in their communities.

## FMAM Budget:

Your Board of Directors recently adopted a 2008 budget, which mirrors the 2007 budget with one significant exception.

That is the allocation of funds to support the 2008 ICC hearings which will be held in Minneapolis. We have a projected expense for the total 2008 budget of \$13,800.

Thanks to the conservative fiscal approach of your Board, FMAM is in sound shape financially in both savings and available funds.

See the Treasure’s report elsewhere in this issue of the PI for a detailed accounting.

## State Fair:

It is still cold, but it is not too soon to begin planning for the 2008 Minnesota State Fair. Looking forward, your Board, along with our Public Education representatives, has purchased 2,500 activity books for distribution from our fire safety booth.

## Election:

FMAM Board elections will be held at our annual meeting, Wednesday, March 12. Available positions are Vice President, Treasurer, and two board seats. Incumbents are expected to run for reelection in all but one board seat. Board Member Vance Swisher, Fire Marshal, Rochester has notified the Board of his intent to not seek reelection.

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My personal thanks and that of FMAM to Vance for his six years of service.

Members interested in seeking election to any of these positions, should notify Secretary John Swanson.

**Membership:**

Membership renewals are now due. Please insure that you have renewed in order to continue your support of FMAM. Questions on membership should be directed to Secretary John Swanson.

Yours in the Fire Service;  
Phillip Owens, CFPS  
President

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**Treasurer's Report**

The following 2008 budget was approved by the FMAM Board of Directors at the November, 2007 Meeting. Also included are the 2007 Budget and the 2007 Income and Expense Statements (as of 12/31/2007).

Item:	Budget '07	Actual '07	Budget '08
<b>Income:</b>			
Membership	\$ 7,500	\$ 7,775.00	\$ 7,500
Interest	100	389.59	100
Merchandise	200	156.00	200
Seminar/Education	5,500	900.00	5,500
Social Event	500	0.00	500
Other	0	43.26	1,000
<b>Total Income.....</b>	<b>\$13,800</b>	<b>\$ 9,263.85</b>	<b>\$ 14,800</b>
<b>Expenses:</b>			
Merchandise	\$ 400	\$ 0.00	\$ 400
Postage	300	295.58	300
Professional Svcs.	900	1,092.50	900
Web	1,000	240.00	1,000
Publications	300	650.00	300
Public Education	1,000	18.91	1,000
Code Develop.	3,000	1,110.00	4,000
Awards/Gifts	200	0.00	200
Meeting Expense	500	87.13	500
Advertising	1,000	807.00	1,000
Office	100	0.00	100
Legislation	2,000	3,000.00	2,000
Seminars	2,500	0.00	2,500
Social Events	500	0.00	500
Miscellaneous	100	0.00	100
<b>Total Expenses..</b>	<b>\$ 13,800</b>	<b>\$ 7,301.12</b>	<b>\$ 14,800</b>

**2008 Income and Expenses to Date** (as of 3/7/2008):

Income (Membership Dues): \$ 5,085.00

Expenses:

MSFCA (Legislation): \$ 2,000.00

Meeting Expense (Feb. Board): 9.66

**Balances** (as of 3/7/2008):

Checking: \$13,232.13

Savings \$21,134.96

Respectfully Submitted,  
John Powers, Treasurer

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**Fire Marshal's Association of Minnesota  
MEMBERSHIP MEETING  
Meeting Minutes – December 12<sup>th</sup>, 2007  
Bloomington,, MN**

12:30 pm -Training & Education: Kris Kuehn-Hilti  
North America: Firestopping 101

**Call to Order**

The Quarterly Business Meeting was called to Order at 13:30 hrs.

- Motion & Second to approve the September 12<sup>th</sup>, 2007 Membership Meeting Minutes – Passed.
- Additional agenda items can be added as things come up.

**Treasurer's Report**

John Powers reported that the Financial Report has not changed from what is outlined in the Post Indicator. The 2008 Budget has been approved and is outlined in the Post Indicator.

**Membership Report**

John Swanson reported that the current membership is 224 members. Membership renewal notices for 2008 will be sent out shortly.

**Committee Reports**

**Public Fire Safety Education** (Connie Forster):

The Public Fire Education Conference in January, 26-27, 2008 in Alexandria. For more information please contact Connie Forster.

**Training & Education** (Kip LaMotte & Jon Nisja):

Kip LaMotte is working on future trainings.

Fire alarm class for 2008 is being planned; Art Black would be the instructor.

**Governor's Council on Fire Prevention & Control** (Jeff Schadegg):

The council last met on Nov. 28<sup>th</sup> to discuss by-laws and attendance policy; looking for new members to bolster membership.

The Council will also be establishing a stance on certification/competency for AHJ sprinkler plan reviewers.

**Code Committee** (Mike Post):

The Minnesota State Fire Chiefs Association's Code Committee has been evaluating NFPA 1 vs. IFC for a future state fire code.

The MSFCA Code Committee has also been working with the National Fire Sprinkler Association (NFSA) – Minnesota Chapter on the consistency of sprinkler requirements between communities.

**Certification** (Phil Owens):

A review by IFSAC to reaccredit the state certification requirements has been approved. Fire inspector certifications have been approved.

**Commissioners Fire Service Committee** (Phil Owens): Nothing to report.

**Legislation** (Steve Zaccard):

The Legislative session starts Feb. 12<sup>th</sup>; the following are some proposals being considered:

- Negligent fire statute.
- Eliminate the "mini-maxi" portion of the building code allowing fire protection provisions in excess of the building code.
- \$1.8 million is currently in the fire safety account.
- Certification and licensing for fire protection contractors.

**State Fire Marshal's Report** (Jerry Rosendahl):

Fire deaths for 2007 are at 36. Last year's total at this time was 46.

The Annual Report: *Fire in Minnesota* was given out at the Chiefs Conference in Rochester in October.

On-line fire reporting system will hopefully be operational in 2008.

New code specialist will be starting shortly.

Republican National Convention - not sure what the fire service's involvement will be.

**Merchandise Sales** (Kip LaMotte/Butch Gervais):

A limited supply of merchandise is available. Contact Kip for more information.

**New Business**

**Competency for Fire Sprinkler Plan Reviewers:**

A draft of the competency requirements for sprinkler plan reviewers was published in the recent Post Indicator by President Owens. The draft states plan reviewers shall have demonstrated competency by taking a fire sprinkler related class that has an exam (such as those at Inver Hills, U of M, Hennepin Tech, etc.).

- Motion by Schadegg / Zaccard to adopt as FMAM's position the draft statement as written in the Post Indicator - Passed.

Tom Anderson addressed a bill that would create a statewide building code.

Respectfully submitted,  
John Swanson

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**Fire Marshal's Association of Minnesota  
BOARD MEETING  
February 14, 2008**

**Call to Order:**

The meeting was called to order at 9:00 am:

- Motion by Connie Forster / Roy Kingsley to approve meeting minutes from November, 2007 Board meeting - Passed.

Additional agenda items to be added. Breaks will be at approximately 10:30 am.

**Treasurer's Report** (John Powers):

Financial report current balances:

- Checking \$14,783.40
- Savings \$21,134.96

Membership report / renewals

- 139 renewals so far.
- Working on setting up an FMAM e-mail account to send out mass distribution e-mails with important information.

### Old Business

#### Merchandise Sales:

Vice President Kip LaMotte reported on the current merchandise situation; looking at putting items on sale to reduce product inventory

Kip is looking into Streich Designs to make FMAM apparel; he will contact owner Lori Streich to get more information.

### Committee Reports

#### Public Fire Safety Education (Connie Forster):

Connie taught the public safety educator course and 8 people became certified.

Firehouse.com Vision 20/20 discussed how American is changing and public education needs to evolve.

Public education meeting is working on new themes for all ages of kids.

Public education conference had 65 attendees.

- Bob Dahm talked to the group about the new public education position and what the fire service is looking for.
- Kidde has some discounted smoke/CO alarms 25% off regular price through March. Contact Connie Forster if interested.

#### Conferences/Seminars:

- SFMD will conduct a day care center training on March 25<sup>th</sup> at SBM Fire.
- Dan Kaiser will be conducting a sprinkler hydraulics training sometime this summer.

#### Quarterly Meetings (Kip LaMotte):

March training to be determined.

#### Legislation (Phil Owens):

MnFac Updates:

- Attempt to amend out min-maxi portion of building code so cities can adopt fire protection requirements that exceed the building code.
- Repeal of radio permit requirements.
- Statewide building code with no local enforcement requirement.

**Certification** (Phil Owens): Nothing new to report.

### New Business

Discussion on membership fees for organizations with several employees. SFM Jerry Rosendahl

asked the board to consider lowering membership fees for agencies with many employees/inspectors. The Board will wait until after the March election to pursue this further.

Election of Officers:

- Vice President, Treasurer and two Board seats are open for election.
- An e-mail should be sent out before March meeting to find interested candidates.
- Secretary will create ballots for the March meeting.

March quarterly meeting will be on March 12<sup>th</sup> at 9:00 am at the New Brighton Public Safety Building.

Respectfully submitted,  
John Swanson

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### Public Education Report

By Connie Forster

On February 13, Firehouse hosted a webinar titled *Vision 20/20: Developing a National Agenda for Fire Prevention* at [www.firehouse.com/live](http://www.firehouse.com/live). The goal of this program is to develop a comprehensive national strategy for fire prevention to effectively address the fire problem in the United States. We all know fires continue to happen, but we need to challenge ourselves to find ways to reduce the numbers of these fires. The webinar challenges participants to find missing gaps and seek innovative approaches to fill in the gaps to reduce the number of fires.

The common phrase..."It takes a village..."surely can be applied to fire prevention. Education alone cannot solve the fire problem. Engineering as well as enforcement strategies need to be in place as well. Take some time to evaluate fire cause in your community. Ask yourself if these fire problems are being addressed in your prevention efforts. Are the appropriate audiences and behaviors being addressed to reduce the number of incidents? Are there methods to take the human factor out of the equation to prevent these fires? How can code enforcement work into the picture? The solution can only be found after examination the fire problem, finding the missing links in prevention efforts and then thinking outside the box to reduce the number of fires.

### Other Prevention News:

- The 2008 Education Conference in Alexandria on January 26-27 had 65 participants. Certification was offered on Sunday afternoon. Twenty one people took the certification test for Fire Instructor I and eight people took the certification test for Fire & Life Safety Educator I.
- There is a new picture book to use in prevention programming: *Brecker Bunny Learns to be Careful!* by Hilary Bilbrey. This burn prevention book is based on her son's story. It is available on the web at [www.inspiredbyfamily.com](http://www.inspiredbyfamily.com)
- Kidde has smoke alarms and carbon monoxide alarms available at a reduced rate for fire departments. Call Diana Spring at 919-563-5911 Ext 8365 for more information.

The Home Safety Council also hosted a webinar (on line training) on February 27 from 12-1 titled *Elementary and Middle School Fire Safety*. Go to [www.homesafetycouncil.org](http://www.homesafetycouncil.org) for more information.

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### 2008 is Anniversary Year for Two Major School Fires

Here is a description of this deadliest school fire in the US. It occurred 100 years ago this month. This information is from the Encyclopedia of Cleveland. Other accounts also suggest that a rescuer died in the fire but I am not sure if this was a fire fighter, school staff or a community member who rushed to the school (Mike Love – EPARADE).

2008 also marks the 50<sup>th</sup> anniversary of Our Lady of Angels School Fire in Chicago that occurred on December 1, 1958. 92 students and three nuns perished in that fire. The FMAM Post Indicator will run stories on that fire later this year.

The **Collinwood School Fire** occurred on 4 Mar. 1908, killing 172 children and 2 teachers at Lakeview Elementary School in the village of Collinwood. The fire began shortly after 9 a.m. when an overheated steam pipe came in contact with wooden joists under the front stairs, and only 194 of the 366 students enrolled escaped the blaze. The others were trapped inside the rear first-floor exit, and by the time volunteer firemen arrived, nothing could be done to save them. Nineteen bodies could not be identified and were buried in a

common grave in Lake View Cemetery, along with 150 students whose identity was known.

The initial report claimed that the rear doors of the school opened inward, and the children were unable to open them because they were jammed against the doors by the other panic-stricken children pushing from behind. Both the coroner's inquest, which included reports from witnesses and the architects who designed the building, and a physical examination of the building proved that the outer doors did open outward in accordance with the law at that time. The report on the fire concluded that the children's failure to escape resulted from their own panic. The fleeing children became wedged tightly on the stairs behind a set of inner vestibule doors which were narrower than the outer doors. The horror of the Collinwood fire caused numerous school inspections across the country, which resulted in stricter laws.



The smoldering remains of Lakeview Elementary School after the Collinwood school fire, 4 Mar. 1908. WRHS.

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### Multiple Fatality Fires Throughout the Country in 2007 and 2008

Ed Comeau has assembled a map of the United States showing the multiple fatality fires (3 or more persons) throughout the United States for 2007 and 2008.

Ed tracks these fires through media reports. They are also color-coded by season of the year. It is interesting to note how the fatalities are clustered in terms of both geographic areas of the country and the time of year.

For the 2008 map, [click here](#). For the 2007 map, [click here](#).

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### **FMAM Organizational & Committee Representatives – 2008**

The following FMAM members have been appointed by President Phil Owens and confirmed by the Board to represent FMAM on these various committees or assignments.

FMAM members should feel free to contact these individuals with questions, concerns, or suggestions on issues regarding the various committees or assignments.

#### **Minnesota State Fire Chiefs Association (MSFCA) Code Committee:**

- Gene Dugal – Bloomington
- Tom Jenson – Edina
- Angie Leitner – St. Paul

#### **SFM Fire Protection Advisory Committee:**

- Gordy Bates – Minneapolis
- Angie Leitner (Alternate) – St. Paul

#### **Governor's Council on Fire Protection & Control:**

- Jeff Schadegg – Inver Grove Heights
- Lisa Douglas (Alternate) – Maple Grove

#### **Certification & Professional Qualifications-MFSCB:**

- Brad Schmoll – Minneapolis
- Phil Owens (Alternate) – St. Paul

#### **Fire Service Advisory:**

- Steve Zaccard (representing both FMAM and MnIAAI) – St. Paul
- Robbie Bartholomew (Alternate) – Andover

#### **MN Public Safety Commissioner's Fire Service- Policy Advisory:**

- Phil Owens – St. Paul
- Kip LaMotte (Alternate) – New Brighton

#### **IFMA – Chapter Liaison:**

- Phil Owens – St. Paul
- Kip LaMotte – New Brighton
- Jon Nisja – State Fire Marshal

#### **ICC – Region III Chapter Liaison:**

- Phil Owens – St. Paul
- Kip LaMotte (Alternate) – New Brighton

#### **Training & Education, Curriculum Development - U of M Code Officials Conference:**

- Gordy Bates – Minneapolis
- Gene Dugal – Bloomington
- Chris Hearnden – Vadnais Heights
- Thierry Chevallier – Minneapolis

#### **Training & Education, Curriculum Development - ICC Code Conference:**

- Kip LaMotte – New Brighton

#### **MnSCU Curriculum Development – Fire Inspector AAS – BS Degree Programs:**

- Leanna Schaff – St. Paul

#### **Legislation – MnFAC:**

- Steve Zaccard (Chair) – St. Paul
- Kip LaMotte – New Brighton

#### **Public Education:**

- Connie Forster (Chair) – SBM
- Shelby Wolfe – West Metro

#### **Membership:**

- John Swanson – State Fire Marshal

#### **Meeting Sites & Host Arrangements:**

- Kip LaMotte – New Brighton

#### **Quarterly Meeting & Training:**

- Kip LaMotte – New Brighton

#### **Training & Seminars:**

- Jon Nisja – State Fire Marshal

#### **Merchandise Sales:**

- Butch Gervais – Maplewood
- Kip LaMotte – New Brighton

#### **Media Relations:**

- Butch Gervais – Maplewood
- Vance Swisher – Rochester

#### **Web Site Development & Maintenance:**

- Jon Nisja (Webmaster) – State Fire Marshal
- John Powers – Farmington

#### **Post Indicator Editor**

- Jon Nisja – State Fire Marshal

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### **Voting at ICC Final Action Hearings**

By Patrick Coughlin

Regional Manager, Fire Service Activities  
International Code Council

The International Code Council will hold its Final Action Hearing on the 2009 I-Codes in Minneapolis on September 17-23, 2008. Eligibility to vote at Final Action Hearings differs from voting eligibility at Code Development Hearings. FMAM members planning to vote at the Minneapolis hearing need to confirm their eligibility prior to the hearing. The ICC web site at [www.iccsafe.org](http://www.iccsafe.org) contains detailed information about membership categories and voting eligibility. The following information is a brief summary of those details.

#### **Voting at Code Development Hearings**

When ICC code committees vote to accept or reject proposals at Code Development Hearings, their votes are called Committee Actions. After a Committee Action, anyone in the audience who disagrees with the vote can request an Assembly Action to disagree with that vote. An Assembly Action is a vote by all ICC members present at the Code Development Hearing, and all ICC member categories are eligible to vote.

When an Assembly Action on a proposal receives a majority vote, the proposal will be up for debate at the Final Action Hearing. Proposals that receive written comments after the Code Development Hearing will also be placed on the same agenda.

Here is where voting eligibility differs. Any ICC member attending the Final Action Hearing can speak in support or against a proposal, but not all ICC members can vote on it. Unlike the voting at a Code Development Hearing, only official representatives of ICC Governmental Members can vote at Final Action Hearings.

#### **Who are Governmental Members?**

Any governmental agency that administers or enforces laws, regulations and ordinances related to public health, safety and welfare can become a Governmental Member. There is no restriction on the number of governmental agencies that become Governmental Members within a jurisdiction. For example, the building code department and fire department in the same city can be separate Governmental Members.

### **Governmental Members and Representatives**

The dues for Governmental Members vary by population size. The number of representatives who can vote on behalf of each Governmental Member also varies. The following table shows the annual dues and number of Governmental Member (GM) representatives for the three tiers of Governmental Members.

<b>Population</b>	<b>Annual dues</b>	<b>GM representatives</b>
Up to 50,000	\$100	4
50-150,000	\$180	8
150,000+	\$280	12

As the table shows, Governmental Members can have more than one person vote on their behalf at Final Action Hearings. Even the smallest jurisdiction can designate four individuals to represent it.

The following information is important to know. Representatives of Governmental Members must be employees or officials of that member. The Governmental Member must be current on its dues and submit the list of its representatives at least ten days prior to the hearing. Although an agency can do that only ten days prior, earlier submissions will ensure that everything is in order. It is easy for new Governmental Members to sign up. Just go to the ICC web site at [www.iccsafe.org](http://www.iccsafe.org), click on the Membership icon and follow the directions.

Any FMAM members who have further questions about voting eligibility or the Minneapolis hearing can contact me via email at [pcoughlin@iccsafe.org](mailto:pcoughlin@iccsafe.org) or call me at (913) 708-5917.

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### **Wisconsin Adopts Latest Edition of NFPA 1, Uniform Fire Code™**

The state of Wisconsin has adopted the most recent edition of NFPA 1, Uniform Fire Code™. The adoption became effective on March 1, 2008.

“Today, perhaps more than ever, it is essential to provide the latest tools and training to the firefighters and building professionals charged with protecting people from fire,” said Joe Hertel, Program Manager of the Safety and Buildings Division, Department of Commerce. “This code adoption will help to ensure that the people and

buildings of Wisconsin are getting the best protection possible.”

Recognized worldwide and adopted statewide in 20 states, NFPA 1, *Uniform Fire Code* provides requirements necessary to establish a reasonable level of fire safety and property protection from hazards created by fire and explosion. Its primary purposes are to address basic fire prevention requirements and to reference or extract the fire prevention and protection aspects of many other NFPA codes and standards.

Wisconsin has participated in training and is scheduled for future trainings through programs developed by NFPA and offered to states that have adopted NFPA 1 and other key NFPA codes and standards. Instruction provided by NFPA technical experts covers the codes' requirements and the numerous ways they can be utilized and enforced. This training and the associated codebooks are free to government code enforcement officials.

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### Annual Election of FMAM Officers

Since the March meeting is FMAM's Annual Meeting, we will be holding the elections for the following Board of Directors positions:

- Vice President – Kip LaMotte is interested in pursuing another term.
- Treasurer – John Powers is interested in pursuing another term.
- Director – Vance Swisher (Rochester) is not interested in pursuing another term.

Anyone interested in running for this two-year Director position should contact FMAM Secretary John Swanson at [john.swanson@state.mn.us](mailto:john.swanson@state.mn.us) or (651) 201-7218. Nominations will also be accepted from the floor at the March meeting.

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### State Fire Marshal Quick Response Newsletter

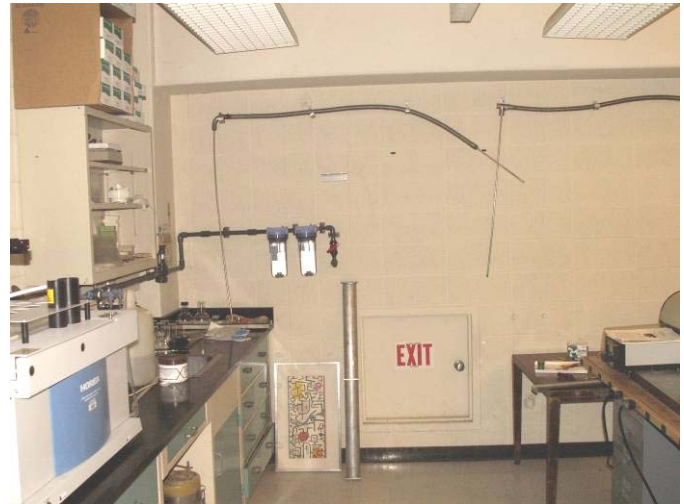
Each month, the Fire Protection Section at the State Fire Marshal Division publishes a newsletter known as the Quick Response. For the past couple of months and continuing for the next few months, the QR is focusing on fire pumps. You can visit the QR at: <http://www.fire.state.mn.us/firesprink.html>

Our thanks to Dan Kaiser, Ralph Peterson, and David Stegura for providing this information.

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### Possible Egress Violation

University of Minnesota Fire Inspector Chris Wilbur provided this photo of an “exit door”.



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### Total Cost of Fire in the United States

The National Fire Protection Association has released an updated report on the total cost of fire in the United States. The total cost is defined as a combination of the losses caused by fire and the money spent to prevent worse losses, by preventing fires, containing them, detecting them quickly, and suppressing them effectively. For 2005, that total cost is estimated at \$267-294 billion, or roughly 2 to 2½% of U.S. gross domestic product.

Property loss – reported or unreported, direct or indirect – represents only \$12.7 billion of this total. The net costs of insurance coverage (\$15.9 billion), the cost of career fire departments (\$30.7 billion), building costs for fire protection (\$45.9 billion), other economic costs (\$39.9 billion), the monetary value of donated time from volunteer firefighters (\$80-107 billion), and the estimated monetary equivalent for the deaths and injuries due to fire (\$41.6 billion), all are larger components than property loss.

For more information or to obtain a complete copy of this report go to the NFPA's One-Stop Data Shop at [www.nfpa.org/osds](http://www.nfpa.org/osds) or call 617-984-7450. NFPA members can download it [here](#).

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## New or Updated Smoke Alarm Reports

By Jon Nisja

The National Fire Protection Association (NFPA) has released its task group report, "[Minimum Performance Requirements for Smoke Alarm Detection Technology](#)." It provides an overview of the two types of technology (ionization vs. photoelectric), tenability criteria, evacuation scenarios, and detector response characteristics. The reports contain a great deal of technical and scientific information; perhaps too much for the average fire marshal or fire inspector.

The report states that ionization smoke alarms are better at detecting flaming fires while photoelectric technology is better at detecting smoldering fires. This was already pretty well-established; I first heard about cold smoke / warm smoke and various sensing technologies being more effective for one or the other in 1982. A number of dissenting opinions are included at the end of the report.

Unfortunately, the report relies on four key assumptions of NFPA 72:

1. Occupants are not intimate with the ignition and are capable of self-rescue.
2. Occupants have an escape plan and ability to execute the plan.
3. An escape route is available to occupants, and the route is unobstructed prior to the event of the fire.
4. Smoke alarms are installed and maintained operable in accordance with Chapter 11 of NFPA 72.

For those of us who do fire inspections or fire investigations, these assumptions seem very liberal. In my experience, few families have an escape plan and few homes have smoke alarms installed per NFPA 72 (at least one on each level, in each bedroom, electrically-powered, and interconnected).

I am also not sure in my first rather quick review of this report that it did an adequate job of addressing the nuisance alarm issue. This is a major concern to fire marshals and fire inspectors who often find smoke alarms disconnected (more commonly the ionization technology alarms) due to nuisance alarms (often from cooking).

The National Institute of Standards and Technology (NIST) has also reissued (this is the third version) their 2004 [report on smoke alarm performance](#). There is also an extensive FAQ on their webpage covering the issues that were addressed in this revised edition of the report. There have been a number of changes, including those regarding the performance of dual-sensor smoke alarms.

This might make an interesting discussion for a future FMAM meeting or seminar. The author acknowledges information from Ed Comeau on EPARADE for information on the NIST report.

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### CPSC Chair Visiting Minnesota

The Chairman of the U.S. Consumer Product Safety Commission, Nancy Nord, is coming to the **Mall of America** to talk to consumers about their issues and concerns first-hand. On March 18<sup>th</sup> at 2 p.m., she will be hosting a "[Town Hall Meeting](#)" that is open to all. I invite you to attend and to encourage others to come as well. Please help us spread the word!

Our message is one of safety for all Americans: young and old. Our goal is to reduce the thousands of injuries and deaths that occur every year from incidents related to dangerous toys, appliances, electronics, pools, ATVs, snowmobiles, children's products and more than 15,000 other types of products.

Attached is a flyer for the event. A printable version of the flyer is also available at <http://www.cpsc.gov/mallofamerica.pdf>.

Please let me know if you have any questions. I look forward to seeing you!

Ed Kang  
(301) 504 7648  
Public Affairs  
Consumer Product Safety Commission

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# Fire Sprinkler Training

Firefighters Hall and Museum, 664 22nd Avenue NE, Minneapolis - 612-623-3817

## April 1- 4, 2008

### TUESDAY, APRIL 1

#### CPVC INSTALLATION REQUIREMENTS AND PROCEDURES

**(NEW)** NFPA 13 requirements and industry recommendations. Learn about hanging requirements, expansion loops, giming methods, fire stopping assembly requirements, anti-freeze systems and other installation requirements specified in NFPA 13 and by the manufacturers. Entry level and intermediate level - any person involved with the installation, approval or inspection of a CPVC fire piping system. (1/2 day)

#### COMMISSIONING AND ACCEPTANCE TESTING OF SPRINKLER SYSTEMS

**(NEW)** Acceptance testing requirements of NFPA 13, 13R, and 13D. Learn the requirements for completion of the A certificates and U certificates, flushing requirements and procedures, hydro-static pressure testing criteria, and the basic requirements for conducting an inspection and basic methodology. Example acceptance testing forms will be provided. Entry and intermediate level. (1/2 day)

### WEDNESDAY, APRIL 2

#### SPRINKLER PROTECTION OF RACK STORAGE

This one-day program provides the participant with the latest procedures for design, layout and installation of fire sprinkler systems providing fire control and suppression for storage and warehouse occupancies. The course will discuss in depth the sprinkler protection for Rack Storage in accordance with NFPA 13-02.

**Overview** - Participants will understand the criteria required in design and sprinkler selection for the protection of storage and warehouse occupancies.  
**Goal** - Familiarize the participant with the rules that govern storage occupancies and the NFPA Standards that contain those rules. Intermediate to advanced class.

### THURSDAY, APRIL 3

#### PLAN REVIEW POLICY AND PROCEDURES

**(NEW)** This one-day seminar is intended to educate the attendee on how to conduct a plan review of a sprinkler system. The seminar covers the methodology and systematic approach to plan review procedures. The attendee will learn how to evaluate and analyze a fire sprinkler plan for compliance with NFPA 13. It is designed for intermediate level students or for those attendees that have completed the NFPA 13 Overview and Intro to Plan Review seminar prior to attending this seminar or for those who have a good comprehension of NFPA 13. Each attendee will receive copies of various sprinkler plan review check sheets that are used for compliance with NFPA 13 (1999 & 2002).

### FRIDAY, APRIL 4

#### HYDRAULICS FOR FIRE PROTECTION

This one-day program is designed to concentrate on one portion only of the design phase of water based fire protection systems, the hydraulics. This seminar discusses theory and application of hydraulic calculations to prove the design of the system will meet the water supply available as described in NFPA 13. This is an intermediate level class.

See more detailed class descriptions at [nfpa.org/departments/training](http://nfpa.org/departments/training)  
CEU's available in Minnesota and Wisconsin.

Sponsored by  
National Fire Sprinkler Association, Minnesota Chapter  
Minnesota Fire Chiefs Association  
*in cooperation with*  
Fire Marshals Association of Minnesota  
**Working Together for Life Safety in Minnesota**

## Fire Sprinkler Training Registration

### April 1 - 4, 2008

Firefighters Hall and Museum, 664 22nd Avenue NE, Minneapolis - 612-623-3817

I would like to register for checked classes

- CPVC INSTALLATION REQUIREMENTS AND PROCEDURES, TUESDAY, APRIL 1
- COMMISSIONING AND ACCEPTANCE TESTING OF SPRINKLER SYSTEMS, 4/1
- SPRINKLER PROTECTION OF RACK STORAGE, WEDNESDAY, APRIL 2
- PLAN REVIEW POLICY AND PROCEDURES, THURSDAY, APRIL 3
- HYDRAULICS FOR FIRE PROTECTION, FRIDAY, APRIL 4

Registration begins at 7:30am \* Seminar 8:00am to 4:00pm \* Lunch provided

**CLASS FEES:**

One class/one day	\$50
Two days	\$75
All Classes/three or four days	\$100
<b>Total Due \$</b>	_____

\*Charges determined by day regardless of how many classes are offered in the daily time period  
\*For instance, three days could actually add up to four classes!

Name: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Write check to: MSFCA

Return form with payment to  
NFSA, Minnesota Chapter  
540 Diffey Road, St. Paul, MN 55123-1601

Questions: Call Peg at 651-452-8906  
fax 651-686-8679 or email [peg@nfpa.com](mailto:peg@nfpa.com)

**FMAM Meeting Notice & Calendar**

Wednesday, March 12, 2008

New Brighton Public Safety Training Center – 785 Old Highway 8

9:00 a.m. – Education Program – Tyco's Quell System – Ken Brown – Tyco Fire Protection

12:30 p.m. – Business Meeting

**Other Important Dates (2008):**

Wednesday, June 11, 2008 – Quarterly Meeting (Tentative Educational Program: Jeff Shapiro on Residential Sprinkler Systems and the International Residential Code Hearings in Minneapolis in September)

Wednesday, September 10, 2008 – Quarterly Meeting

Wednesday, December 10, 2008 – Quarterly Meeting

Fire Marshals Association of Minnesota  
Post Indicator; Jon Nisja - Editor  
678 Pinewood Drive  
Shoreview, MN 55126-4749