

Q FIRE MARSHALS QUARTERLY



INTERNATIONAL FIRE MARSHALS ASSOCIATION • Fall 2001

IFMA Celebrates 90th Anniversary of Fire Prevention Day (Yes, Day)

The history of Fire Prevention Week has its roots in the Great Chicago Fire, which occurred on October 9, 1871. This tragic conflagration killed more than 250 people, left 100,000 homeless, destroyed more than 17,400 structures, and burned more than 2000 acres in 27 hours. While the origin of the fire has never been determined, there has been much speculation over how it began. One popular legend was that Mrs. Catherine O'Leary was milking her cow when the animal kicked over a lamp, setting the O'Leary's barn on fire and starting the spectacular blaze. This was proven untrue a few years ago by Chicago historian Robert Cromie.



Prevention Day, advocating an annual observation as a way to keep the public informed about the importance of fire prevention. In 1920, President Woodrow Wilson issued the first National Fire Prevention Day proclamation, and since 1922, National Fire Prevention Week has been observed on the Sunday-through-Saturday period in which October 9 falls. In addition, the President of the United States has signed a proclamation pronouncing a national observance during that week every year since 1925.

Dedicated to raising public awareness about the dangers of fire and how to prevent it, NFPA has officially sponsored Fire Prevention Week since the observance was first established. Fire Prevention Week 2001 is October 7-13.

On the Great Chicago Fire's 40th anniversary, the Fire Marshals Association of North America (now the International Fire Marshals Association) sponsored the first National Fire

Prevention Week since the observance was first established. Fire Prevention Week 2001 is October 7-13.

3rd Annual International Fire Marshals Conference

Here is the tentative schedule for the 3rd Annual International Fire Marshals Conference. Programs are subject to change, please check the IFMA Web site for a final schedule in October.

Saturday, November 10, 2001

- IFMA Board Meeting
- Fire Department Operations for the Design Professional
- Legal Aspects of Fire Prevention

Sunday, November 11, 2001

- Legal Aspects of Fire Investigation
- Performance-Based Design with Panel Discussion
- Hospitality Room

Monday, November 12, 2001

- Opening General Session

Tuesday, November 13, 2001

- How to Implement a Fire Inspector Certification Program
- The State Farm Insurance Plan for Fire Insurance Rating Update on NFPA1, *Uniform Fire Code*
- IFMA Codes and Standards Forum
- IFMA Business Meeting

Wednesday, November 14, 2001

- NFPA Codes and Standards Technical Reporting Session

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Fire Marshals Quarterly

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Assistant Editor: Janet Murphy

We encourage you to send items of interest to:

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Quincy, MA 02269-9101

UL Warns Consumers About Fire Extinguishers That May Fail to Extinguish Fires

Underwriters Laboratories Inc. (UL) is notifying consumers and merchandisers that a UL investigation has revealed that certain fire extinguishers distributed by American Products Company of Corona, California, may fail to extinguish a fire. These extinguishers do not comply with UL's safety requirements and are not authorized to bear the UL Mark.

The extinguishers can be identified by the following markings located on the packaging or extinguisher: "American Products Company Corona CA92879," "PARTS NO. 10.9110," "Made in Taiwan." An unauthorized UL Mark also appears on the product and the packaging.

UL is concerned that this fire extinguisher may fail to extinguish a fire. Also, the unauthorized UL Mark may mislead consumers looking to purchase a UL Listed fire extinguisher. UL encourages con-

sumers who have this extinguisher to return it to the place of purchase. Consumers may also wish to contact American Products Company at (909) 898-9840; 252 Granite Street, Corona, CA 92879. You may also visit their Web site at www.4apc.net.



Underwriters Laboratories Inc. is an independent, not-for-profit organization that has evaluated products, materials, and systems in the interest of public safety for 107 years. More than 17 billion UL Marks appear on products each year, and more than 18,000 types of products are tested at UL's five U.S. laboratories located in Northbrook, IL.; Melville, NY; Santa Clara, CA.; Research Triangle Park, NC; and Camas, WA. Worldwide, the UL family of companies and its network of service providers include more than 44 laboratory, testing, and certification facilities.

Medical Gas Mix-Ups

In April 2001, the Food and Drug Administration (FDA) published a public health advisory, called *Guidance for Hospitals, Nursing Homes, and Other Health Care Facilities*. This guidance alerts hospitals, nursing homes, and other health care facilities to the hazards of medical gas mix-ups. The Agency is concerned about continuing deaths and injuries resulting from such mix-ups. The FDA has received reports during the past 4 years from hospitals and nursing homes involving 7 deaths and 15 injuries to patients who were thought to be receiving medical grade oxygen, but were receiving a different gas (e.g., nitrogen) that had been mistakenly connected to the oxygen supply system. The most recent incident, in December 2000 in Ohio, resulted in the death of 4

persons. The Agency's guidance makes recommendations that will help hospitals, nursing homes, and other health care facilities avoid the tragedies that result from medical gas mix-ups.

You can receive the documents from:

*Office of Training and Communication
Division of Drug Information, HFD-210
Center for Drug Evaluation and Research
Food and Drug Administration
5600 Fishers Lane
Rockville, MD 20857
(Tel.) 301-827-4573
(Web site) www.fda.gov/cder/guidance/index.htm*

Management Institute for Fire Marshals Los Angeles, CA, Course

Thirty-three people attended the Management Institute for Fire Marshals course, April 19-20, 2001, in Los Angeles, California. Here are some pictures from the course.



New IFMA Members

Alaska

Bridget Bushue
Deputy Chief of Fire Prevention
Anchorage Fire Department
Anchorage, AK

Alan Fricker
Assistant Chief
Ft. Richardson Fire
Ft. Richardson, AK

Kelly Nicoletto
Assistant State Fire Marshal
Dept. of Public Safety
Division of Fire Prevention
Anchorage, AK

Alabama

Robert Sorrell
Fire Marshal
Birmingham Fire Rescue
Birmingham, AL

Arkansas

Bo Watkins
Fire Chief
Hope Fire Department
Hope, AR

James Griffin
Fire Marshal
Van Buren Fire Marshals Office
Van Buren, AR

Arizona

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Chinle Community
Fire Department
Chinle, AZ

A. Hal Key
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Mesa Fire Department
Mesa, AZ

California

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Fire Marshal
City of Angels
Angels Camp, CA

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Los Angeles City
Fire Department
Arcadia, CA

Tom Oakes
Burbank Fire Department
Burbank, CA

David Starr, Fire Marshal
Burbank Fire Department
Burbank, CA

David Dewey, Fire Marshal
Daly City Fire Department
Daly City, CA

Gail McCloud, Fire Marshal
City of Folsom Fire Department
Folsom, CA

Dean Montevago
Hayward Fire Department
Hayward, CA

Anthony Lapalio
Vollmer Gray Fire Exp Invest
Long Beach, CA

Akbar Fonooni
Los Angeles Dept.
of Water & Power
Los Angeles, CA

Geoffrey Aus
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Protection District
Menlo Park, CA

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Modesto Fire Department
Modesto, CA

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Inspector Program Manager
Oakland Fire Department
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Orange, CA

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City of Pismo Beach
Pismo Beach, CA

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San Bruno Fire Department
San Bruno, CA

Mark Woody
Chief of Fire & Life Safety
Matson Naughton Co.
San Francisco, CA

Mike Macey, Captain
Newport Beach Local 3734
San Juan Capistrano, CA

Michael Mentink
San Ramon Valley Fire Protection
District
San Ramon, CA

Scott McMillan
Fire Protection Engineer
San Ramon, CA

Martin VonRaesfeld
Fire Marshal
Santa Clara Fire Department
Santa Clara, CA

James Glew
Asst. Fire Marshal
Santa Monica Fire Department
Santa Monica, CA

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Grinnell Fire Protection
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Sunnyvale Dept. of Public Safety
Sunnyvale, CA

Stephen Nothern
Fire Emergency Tech
El Camino College
Torrance, CA

Sergio Barrueto, ICBO
Whittier, CA

Colorado

Vonda Williams, Fire Marshal
Basalt Rural Fire Department
Carbondale, CO

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South Adams Fire
Prevention Bureau
Commerce City, CO

Greg Hard, Captain
Cunningham Fire District
Denver, CO

Jeff Berino, Assistant Chief
Lake Dillon Fire District
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Tom DeMint
Assistant Fire Marshal
Poudre Fire Authority
Fort Collins, CO

Adam Petro
Genesee Fire Protection District
Golden, CO

David Abbink, Fire Marshal
West Metro Fire
Protection District
Lakewood, CO

Michael Moran, Fire Marshal
Rifle Fire Protection District
Rifle, CO

Connecticut

Thomas O'Hare, Fire Marshal
Town of Litchfield
BanFam, CT

Peter Willse, Research Consultant
Industrial Risk Insurers
Hartford, CT

Rudy Kissmann
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Manchester, CT

Art Higgins, Fire Marshal
Westfield Fire Department
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Paul Kurtz, Deputy Fire Marshal
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Delaware State Fire
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Paul Anderson, Deputy Chief
Clermont Fire Department
Clermont, FL

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Daytona Beach Fire Department
Daytona Beach, FL

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Chief Electrical Code Compliance
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Paul De Young, Deputy Chief
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David Greenwood
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Ernest Hand
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Georgia

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Jeff Scarbrough, Fire Marshal
Clayton County Fire Department
Riverdale, GA

Idaho

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Lewiston Fire Department
Lewiston, ID

Doug Strosnider, Fire Marshal
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Nampa, ID

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Bolingbrook Fire Department
Bolingbrook, IL

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Calumet City Fire Department
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Fire Marshal
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Hoffman Estates, IL

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Illinois State Fire
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Nick Snyder, Fire Inspector
Noblesville Fire Department
Noblesville, IN

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Council Bluffs, IA

Kansas

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Fire & Rescue
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Wrentham Fire Department
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Mississippi

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Biloxi, MS

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Hannibal, MO

Chris Bosche, Fire Chief
Kansas City Fire Department
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Jim Eden, Battalion Chief
Lee's Summit Fire Department
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Dennis Drozkowski, Fire Marshal
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Helena, MT

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Henderson Fire Department
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Gary Schreppel, Inspector
Town of Kirkland
Clinton, NY

Dan Rusaw
Town of Volney
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William Rice, Fire Marshal
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Hollis, NY

John Fiumanu
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Amtrak
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Robert Drexler
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Rochester, NY

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West Webster Fire Dist. Comm.
Webster, NY

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Glenpool, OK

Clay Ward, Captain
Glenpool Fire Department
Glenpool, OK

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Michael Holmes, Fire Marshal
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R. S. Goeltz, Chief Fire Marshal
Hermitage Dept. of Fire Rescue
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George Fida, Fire Marshal
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Glenn Snavely
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Donald Stiteler, Fire Marshal
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Dennis Rumler, Fire Marshal
Limerick Township
Royersford, PA

Albert Comly, Fire Marshal
Lower Gwynedd Township
Spring House, PA

Edward Cubler, Fire Chief
Upper Darby Township Fire
Upper Darby, PA

Ernest Logan
Township of Jackson
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Richland County
Emergency Services
Columbia, SC

Randy Osterman, Fire Marshal
Hilton Head Island Fire Rescue
Hilton Head Island, SC

Texas

Gary Nesbitt, Fire Marshal
Carrollton Fire Department
Carrollton, TX

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Southlake Department of Public
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Grapevine, TX

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Collin County
McKinney, TX

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City of Nacogdoches
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Pasadena, TX

Stacey Seba
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Investigations
San Antonio, TX

Justin Zang, Fire Marshal
City of Woodway
Waco, TX

Utah

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Vermont

Jack Watts, Director
Fire Safety Institute
Middlebury, VT

Virginia

Philip Schaeenman, President
Tridata Corp.
Arlington, VA

Benjamin Powell
Charlottesville Fire Department
Charlottesville, VA

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Manager, Fire Marshal Academy
State of Virginia
Richmond, VA

Glenn Dean, Safety Engineer
Virginia State Fire
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Gregory Cade, Fire Chief
Virginia Beach Fire Department
Virginia Beach, VA

Washington

Doug Craig
Aberdeen Fire Department
Aberdeen, WA

Dan Harju, Assistant Fire Chief
Anacortes Fire Dept.
Anacortes, WA

David Delph
Assistant to Fire Chief
Bothell Fire EMS
Bothell, WA

Steve Sherman
Assistant Fire Chief
Mountlake Terrace Fire
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Mountlake Terrace, WA

Edward Borgatti
WSP Fire Protection Bureau
Olympia, WA

Edward Goodlet
Pierce County Fire District 8
Puyallup, WA

Bob Lovett
Redmond Fire Department
Redmond, WA

Lawrence Rude
Renton Fire Department
Renton, WA

Kurt Hubele
Richland Fire Emergency Services
Richland, WA

Robert Meyer
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SeaTac City Fire Department
SeaTac, WA

Gregory Hesse
Spokane Fire Department
Spokane, WA

John McDonald, Assistant Chief
East Pierce Fire Rescue
Sumner, WA

Washington, DC

Kenneth Lauziere
Chief Fire Marshal
Architect of the Capitol
Washington, DC

Mike Lyon, Fire Marshal
US Government Printing Office
Washington, DC

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Thomas Wilson
Wheeling Fire Department
Wheeling, WV

Wisconsin

Greg Piper
B/C Fire Prevention
Oshkosh Fire Department
Oshkosh, WI

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Leonard Stevens, Sr. Surveyor
Blueware Marine Surveyors
Coombs, BC

Don Thomson, Fire Marshal
Manitoba Hydro
Winnipeg, MB

Ken Wong
Manager/Building Code & Fire
Protection
York University
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Kin Chan, Proprietor
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Cork County Council Fire Service
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Thomas Shields, Professor
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Manufactured Home Fires

The following executive summary is from the April 2001 report, Manufactured Home Fires in the U.S., by John R. Hall Jr. Please contact Nancy Schwartz in NFPA's One-Stop Data Shop at (617) 984-7450 or osds@nfpa.org to request a complimentary copy of the complete report.

Since 1980, fires in manufactured homes have declined fairly steadily. The total of 15,500 represented a decline of 48% from 1980 to 1998, compared to a 50% drop in the number of fires in homes of all types (i.e., one- and two-family dwellings, including manufactured homes; apartments). Civilian deaths decreased sharply in 1998 to 192, their lowest level in the study period (down 54% from 1980 to 1998). This is part of an inconsistent trend; in 1996, for example, the death toll was actually higher than in 1980. (From 1980 to 1998, fire deaths in all types of homes declined 38%.) Civilian injuries in manufactured homes also fell to a new low of 644 in 1998. Direct property damage in manufactured home fires was \$144 million in 1998, a net 7% increase since 1980 before adjusting for inflation and a 46% decrease after adjusting for inflation using the Consumer Price Index. In the same period, direct property damage in fires in all types of homes rose 50% before adjusting for inflation and fell 24% after adjusting for inflation.

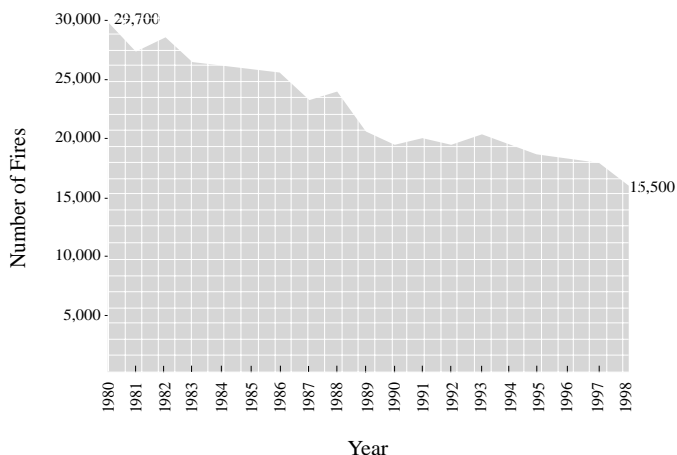
Post-HUD-Standard manufactured homes (built after 1976) clearly have much lower losses per fire than pre-Standard manufactured homes, but until 1998 the overall trends in manufactured home fire experience had not showed the expected progress in reduced deaths and injuries. Post-Standard manufactured homes have a rate of civilian deaths per 100 fires that is 54% lower than the pre-Standard rate and a rate of civilian injuries per 100 fires that is 22% lower than the pre-Standard rate.

Manufactured homes have a fire death rate per 100,000 housing units that is 32–50% higher than the rate for other dwellings. The difference is driven by a more than 2-to-1 difference in the rate of fire deaths per 100 fires. This has occurred even though there has been a steady shift from pre-Standard to post-Standard manufactured homes, which have a fire death rate per 100 fires comparable to the rate in dwellings other than manufactured homes.

More than one-third of fires in post-Standard manufactured homes are reported as having no smoke alarm present. For 1998 fires, the percentage was 37.1%, higher than in 1997, and the fraction only dropped below 50% since 1986. Since all post-1976 manufactured homes should be leaving the factory with factory-installed smoke alarms, or at least factory-installed alarm housing and separate smoke alarm units easily installed, this seems to indicate a severe problem after the manufactured home leaves the manufacturer.

The flame spread requirements for interior finishes appear to be associated with smaller fires in post-Standard manufactured homes. Both the general flame spread requirements and the specific flame spread requirements around heating and cooking equipment appear to be having major impact, reducing the percentage of fires, especially heating and cooking fires, that spread beyond the room of origin. Post-Standard manufactured homes may be more compliant with requirements that predate the Standards, may have heating or cooking equipment with safer designs, or may use even more gypsum board (as an alternative to wood paneling, which typically promotes faster flame spread) than the HUD Standards require, all of which may also be factors in the statistical pattern.

Manufactured Home Fires, 1980–1998



Source: NFIRS and NFPA Survey

IFMA Merchandise Order Form

IFMA has a line of merchandise to promote IFMA. They include a 100% cotton white golf shirt with red and blue striped collar and sleeves and a blue nylon windshirt with hand pockets, both come with the IFMA logo on the left breast.

IFMA Order Form:

Baseball Hat: \$15.00 each, includes postage and handling

Number	Cost	Total Cost
_____	\$15	_____

Golf Shirt: \$30.00 each, includes postage and handling

Size	Number	Cost	Total Cost
<input type="checkbox"/> Small	_____	\$30	_____
<input type="checkbox"/> Medium	_____	\$30	_____
<input type="checkbox"/> Large	_____	\$30	_____
<input type="checkbox"/> X-Large	_____	\$30	_____
<input type="checkbox"/> XX-Large	_____	\$30	_____

Lapel Pin: \$3.00 each, includes postage and handling

Number	Cost	Total Cost
_____	\$3	_____

Wind Shirt: \$40.00 each, includes postage and handling

Size	Number	Cost	Total Cost
<input type="checkbox"/> Small	_____	\$40	_____
<input type="checkbox"/> Medium	_____	\$40	_____
<input type="checkbox"/> Large	_____	\$40	_____
<input type="checkbox"/> X-Large	_____	\$40	_____
<input type="checkbox"/> XX-Large	_____	\$40	_____

Grand Total \$ _____

- Check enclosed, *please make payable to IFMA.*
- Charge my credit card. MasterCard Visa AmEx
- Card #: _____
- Card Exp. Date: _____
- Signature: _____

Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____

Please mail or fax to:
 IFMA
 Attention: Order
 1 Batterymarch Park
 Quincy, MA 02269
 Fax (617) 984-7056



New Technical Committee Proposed

The NFPA Standards Council has received two requests to establish new projects. The first request was to establish a new project on Professional Qualifications for Fire Marshals. It is believed that many of the current NFPA Professional Qualifications standards adequately address many of the professional qualifications for fire marshals but none brings the entire package together in one standard.

Anyone interested in commenting on this proposed project is invited to do so in writing. Please include information on resources on the subject matter, the names of those interested in participating on the Committee (if established), the names of other organizations actively involved with this subject, and why there is a need for such a project. Responses should be sent to Codes and Standards Administration, NFPA, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101.

Executive Secretary's Report



Steven F. Sawyer

Now that summer is coming to an end and we can look forward to another fall and winter season. Planning for the 3rd Annual International Fire Marshals Conference is in the final stages. We hope to see you there.

As you saw in the cover story, IFMA celebrated the 90th anniversary of Fire Prevention Day, yes, day. The first fire prevention observation was a daylong event until 1922, when it became a weeklong event. IFMA is proud of their accomplishments in the first and in the other 89 fire prevention weeks' observances. We continue to support fire prevention activities year round, not just during fire prevention week.

IFMA had representatives at the U.S. Fire Administration reviewing fire act grant applications. We would like to thank

them for their efforts on behalf of the nation's fire service. We need your support to ensure funding is included in next year's budget.

IFMA was also involved in a needs analysis for a weeklong performance-based design course for code officials who approve or review these designs. We have asked the fire administration to develop a course for inspectors who must perform continuing inspections of these designs.

Our membership continues to grow. We urge each member to sign up at least one new member every year. The benefits gained will greatly help the organization.

A 100th Anniversary Committee has been established for the 2006 celebration. If you have any ideas, memorabilia, or history, please forward them to me.

President's Corner



Ron Farr

As I began to prepare this President's Corner I can't believe how quickly the past few months have gone by. The Executive Board just completed their Summer Board meeting, which included meeting with President George Miller and NFPA staff, working on IFMA's Work and Master Plan, and reviewing issues of importance for Professional Development.

Our 3rd Fire Marshals Conference will be held in Dallas, Texas, in conjunction with NFPA's Fall Meeting. IFMA has scheduled some very interesting and educational programs for their members. If this will be your first time (or if you are a repeat attendee), please make sure you introduce yourself to other IFMA members, network, and take advantage of the vast amount of knowledge available.

As the Executive Board continues planning for educational presentation to be offered at Annual and Fall NFPA Meetings on behalf of IFMA, I encourage you to send in any programs and/or speaker recommendations you may have. Many of you may know of an excellent program that has been offered in your state that would be beneficial for our members.

On another note, I had the honor to represent IFMA as a member of a peer review group for the 2001 Fire Act Grants. This

was, without a doubt, one of the most personally rewarding experiences I have had in more than 30 years in the fire service. The weeklong experience was exhausting and at times very frustrating but very gratifying to know I was able to participate in such a historical event. This was an event that I would not have wanted to miss. The overview of America's Fire Service and the help that so many are looking for was just indescribable. As a member of the peer group it was very difficult to not get emotionally attached to some, if not all, of the requests.

The group I was with reviewed only apparatus requests and the thing that sticks in my mind was how much departments were doing with so little. There is no question that there is great value and need for this program to continue, and as a result I encourage each and every IFMA member (and all your fellow fire service friends) to write your Congressional Members and ask them for continued support for the Fire Act Grant Program. The administration at FEMA told us that the phrase to remember is "Keep your eye on the Prize." There is a great need for this "Prize" to continue and with your encouragement and support I feel it can. At the end of the week all participants hoped to be able to return next year.

I hope all of you are having an enjoyable summer and I look forward to seeing you in Dallas in November.

IFMA Members Representation on Technical Committees

Below are members serving on NFPA Technical Committees representing IFMA. We would like to thank these individuals for their efforts on behalf of IFMA. Chapters sponsor many of these representatives. If you are interested in representing IFMA on a technical committee, please contact the Executive Secretary.

Air Conditioning	Charles E. Altizer	Virginia State Fire Marshal's Office 501 North 2nd Street, Richmond, VA 23219-1321
Airport Facilities	Elwin G. Joyce	Kentucky Div. of Bldg. Code Enforcement 1047 Highway 127S, Suite 1, Frankfort, KY 40601-4337
Automatic Sprinkler Systems Correlating Committee	Joseph W. Noble	Clark County Fire Department 575 East Flamingo Road, Las Vegas, NV 89119
Automotive and Marine Service Stations	John S. Robison	Alabama State Fire Marshal's Office 201 Monroe Street, Suite 1790, Montgomery, AL 36104
Building Code Correlating Committee	Robert Bourke	Lynn Fire Department 725 Western Avenue, Lynn, MA 01905
Building Construction	Richard J. Corcovilos	West Virginia State Fire Marshal 1207 Quarrier Street, Charleston, WV 25301
Construction and Demolition	John W. Pasqualone	Martin County Board of County Commissioners 2401 SE Monterey Road, Stuart, FL 34996
Fire Alarm Systems Protected Premises Fire Alarm Systems	David Stringfield	University of Minnesota 319 15th Avenue, SE #270, Minneapolis, MN 55455
Fire Alarm Systems Testing and Maintenance of Fire Alarm Systems	Elaine B. Gall	Virginia State Fire Marshal's Office 3025-A Peters Creek Road, Roanoke, VA 24019
Fire and Emergency Service Organization and Deployment— Career	William L. Bingham	City of Boynton Beach, FL 100 E Boynton Beach Blvd., Boynton Beach, FL 33435
Fire Inspector Professional Qualifications	Ronald R. Farr	Kalamazoo Township Fire Department 1720 Riverview Drive, Kalamazoo, MI 49004-1099
Fire Investigations	Willard F. Preston	Delaware State Fire Marshal's Office P.O. Box 4294, Greenville, DE 19807
Fire Prevention Code	Anthony Sanfilippo	Michigan Dept. of Consumer & Industry Services 7150 Harris Drive, Lansing, MI 48909
Fire Prevention Code	Ronald R. Farr	Kalamazoo Township Fire Department 1720 Riverview Drive, Kalamazoo, MI 49004-1099
Fire Pumps	R. T. Leicht	Delaware Fire Marshal's Office PO Box 5069, Marshallton, DE 19808
Fire Service Training	William E. Peterson	Plano Fire Department 1901 Avenue K, Plano, TX 75086-0358
Fire Tests	Alfred J. Hogan	Reedy Creek Improvement District 3391 Lakeview Drive, Winterhaven, FL 32884
Fixed Guideway Transit Systems	John F. Bender	Maryland Office of State Fire Marshal 300 East Joppa Road, Suite 1002, Towson, MD 21286-3020
Forest and Rural Fire Protection	Frederick S. Richards	New York Department of State, OFPC 41 State Street, Albany, NY 12231
Forest and Rural Fire Protection	James A. Burns	New York Department of State 41 State Street, Albany, NY 12231-0001
Hazardous Materials Response Personnel	Irving Owens	Rhode Island State Fire Marshal 24 Conway Avenue, Bldg. 42, North Kingstown, RI 02852
Life Safety and Building Code Board and Care Facilities	Harry L. Bradley	Maryland State Fire Marshals Office 5 West Riding Drive, Bel-Air, MD 21014
Life Safety and Building Code Building Service and Fire Protection Equipment	Harry L. Bradley	Maryland State Fire Marshals Office 5 West Riding Drive, Bel-Air, MD 21014
Life Safety and Building Code Detention and Correctional Occupancies	A. Larry Iseminger	Maryland State Fire Marshals Office 33 West Washington St., Room 305, Hagerstown, MD 21740
Life Safety and Building Code Detention and Correctional Occupancies	Wayne S. Smith	Texas State Fire Marshal MC108-FM, Austin, TX 78714-9221

International Fire Marshals Association

Life Safety and Building Code Fire Protection Features	John F. Bender	Maryland Office of State Fire Marshal 300 East Joppa Road, Suite 1002, Towson, MD 21286-3020
Life Safety and Building Code Health Care Occupancies	Kenneth E. Bush	Maryland State Fire Marshals Office 315 Aurora Park Drive, Unit 2, Easton, MD 21601
Life Safety and Building Code Industrial, Storage, and Miscellaneous Occupancies	Bruce W. Hisley	National Fire Academy 16825 South Seton Avenue, Emmitsburg, MD 21727
Life Safety and Building Code Means of Egress	Kenneth E. Bush	Maryland State Fire Marshals Office 315 Aurora Park Drive, Unit 2, Easton, MD 21601
Life Safety and Building Code Means of Egress	R. T. Leicht	Delaware Fire Marshal's Office PO Box 5069, Marshallton, DE 19808
Life Safety and Building Code Mercantile and Business Occupancies	Kenneth E. Bush	Maryland State Fire Marshals Office 315 Aurora Park Drive, Unit 2, Easton, MD 21601
Life Safety and Building Code Residential Occupancies	Harry L. Bradley	Maryland State Fire Marshals Office 5 West Riding Drive, Bel-Air, MD 21014
Life Safety and Building Code Residential Occupancies	Robert Howe	Vermont Department of Labor & Industry National Life, North Bldg Drawer 20 Montpelier, VT 05602-3401
Manufacture of Organic Coatings	Thomas Steven Wright	Harrington Group, Inc. 1001 Palmetto Drive, Richmond, KY 40475
Marinas and Boatyards	Kenneth E. Bush	Maryland State Fire Marshals Office 315 Aurora Park Drive, Unit 2, Easton, MD 21601
Marinas and Boatyards	Richard E. Morris	Town of East Lyme P.O. Drawer 519, Niantic, CT 06357
National Fuel Gas Code	Sharon E. Coates	State of Arkansas 1421 West 6th Street, Little Rock, AR 72201-2901
Pyrotechnics	Jose R. Colon	Connecticut Department of Public Safety 1111 Country Club Road, Middletown, CT 06457
Safety to Life Correlating Committee	Kenneth E. Bush	Maryland State Fire Marshals Office 315 Aurora Park Drive, Unit 2, Easton, MD 21601
Special Effects	Jose R. Colon	Connecticut Department of Public Safety 1111 Country Club Road, Middletown, CT 06457
Sprinkler System Discharge Criteria	Richard Pehrson	Minnesota State Fire Marshal Division 444 Cedar Street, Suite 145, St. Paul, MN 55101
Sprinkler System Installation Criteria	Joseph W. Noble	Clark County Fire Department 575 East Flamingo Road, Las Vegas, NV 89119
Venting Systems for Cooking Appliances	R. T. Leicht	Delaware Fire Marshal's Office PO Box 5069, Marshallton, DE 19808
Water Mist Fire Suppression Systems	John F. Bender	Maryland Office of State Fire Marshal 300 East Joppa Road, Suite 1002, Towson, MD 21286-3020

Preston Appointed State Fire Marshal in Delaware

The Delaware State Fire Prevention Commission has announced the appointment of Willard F. Preston III as the fifth State Fire Marshal in Delaware. The appointment is effective July 1, 2001. Preston, 44, succeeds Daniel Kiley, who is retiring after over 30 years with the Agency.

Preston has been with the State Fire Marshals Office since 1989 where he has served as a Deputy Fire Marshal, Assistant Chief Deputy Fire Marshal, and Assistant State Fire Marshal. His latest responsibilities involved managing the statewide fire investigation program and the Juvenile Intervention program, and directing code enforcement and life safety inspections. He also heads up the Major Incident Response Team and is the Agency's Public Information Officer.

In addition to being recognized for his strong commitment to public fire education, Preston recognized by the Kiwanis Club as their Outstanding Young Man of the Year (1988), by the New Castle Police Department with a Heroism Award (1989), and by the State of Delaware for Excellence and Commitment to State Service. He has served on the Church Arson Task Force and the Environmental Task Force of the U.S. Attorney's Office.

Besides representing the International Fire Marshals Association as a Principal on NFPA 921 (*Investigations of Fire and Explosions*), Bill is a member of the National Association of State Fire Marshals and the International Association of Arson Investigators. Also he is currently a member, and served as the first Secretary, of the Delaware Valley Chapter of IFMA.

NFPA's New Certification Program Offerings

With its current educational offerings, NFPA includes a selection of programs designed to provide members with a wide range of courses, products, and services aimed at raising the level of professionalism throughout the fire protection community. One of the programs, developed in conjunction with the Certified Fire Protection Specialist (CFPS) Board, offers individuals involved in the day-to-day activities of applied fire protection the opportunity to earn credentials as Certified Fire Protection Specialist.

Since the CFPS Board partnered with NFPA to administer and manage the program three years ago, the program has grown dramatically. Currently, there are more than 1000 CFPS credentialed fire protection professionals, including risk managers, loss control specialists, fire service personnel, and commercial real estate managers. Like most well-conceived certification programs, CFPS requirements blend education and experience, allowing those who apply fire protection and prevention concepts in their work an opportunity to achieve professional recognition.

To maintain the CFPS designation, candidates must submit evidence of professional development every three years. They do this by submitting a record documenting their professional practice; their attendance or instruction at seminars and conferences; their contributions to professional journals; their membership in related professional organizations; and other pertinent certifications or registrations.

By ensuring competency, this valuable certification benefits employers and fire protection practitioners, giving certificate holders' confidence and knowledge that enhance their effectiveness.

NFPA is also expanding its certification offerings. NFPA Certification Programs now include: Fire Inspector I Certification, Fire Plan Examiner I Certification, as well as the soon to be released programs for Electrical Inspector Certification and Building Inspector Certification.

Three years ago, the NFPA Fire Inspector I Certification Program was launched. The Fire Inspector Certification Program has requirements that emphasize the Fire Inspection field-of-practice dynamics, and uses nationally recognized "best practices" for the certification program design. The program has rapidly become recognized as *the* Certified Fire Inspector I Program of choice, exceeding our growth estimates twofold!

The Fire Inspector Certification Program has grown in the last three years to include over 650 Certified Fire Inspectors from over 20 sponsoring Partnering Agencies and individuals in 30 other states and provinces. (See the NFPA Web site for a list of Partnering Agencies.) Upon fulfilling the certification requirements, individuals may claim all the benefits of becoming certified, including professional and peer recognition and esteem, an insignia of certification in the form of a certificate, a lapel pin, and a wallet card.

The Fire Plan Examiner I Certification Program has been modeled after the revised Fire Inspector I Certification Program. As NFPA's Partnering Agencies have been the agents for the Fire Inspector I Certification Program, the Fire Plan Examiner

Certification Program will be released to these agencies for their use and distribution this summer.

Applicants will have an Examination Study Guide to use in preparing themselves for the Certification Program Written Examination. Those applicants with a Partnering Agency will have access to a 24-hour Fire Plan Examiner Training Course, and those without a Partnering Agency will have a Self-Study Guide to use in preparation for the Written Examination. The Written Examination consists of a 3-hour open book multiple-choice test that involves the use and analysis of a plan set to evaluate the questions on the Written Examination.

Both new programs include a recertification component. Such a provision is in keeping with other recognized certification programs in many fields requiring professional and technical competence. Recertification requirements promote continuing professional development and skill maintenance, as well as providing a mechanism to demonstrate that a certified fire inspector is up-to-date in an ever-changing field. Individuals need to keep track of and complete a *Recertification Form and Documentation Listing* and return it with the required documentation and fee every five years from the date the certification was issued. Individuals must provide evidence of a minimum of 100 hours continuing education, training, or a combination of points for various types of recognized activities from the date the original certification was issued by NFPA. All items submitted for recertification, including courses or points allocated by activity, must be clearly related to the job performance requirements in NFPA 1031, *Standard for Professional Qualifications for Fire Inspector and Plan Examiner*, 1998 edition. The applicant may either submit evidence of 100 hours of continued training in the field of Fire Inspection or Fire Plan Examination, or retake a Written Examination. Evidence of training may include course certificates, letters of attestation from course sponsors, or a college transcript. All courses and recognized activities must be clearly related to NFPA 1031.

NFPA plans to release the first of two Electrical Inspector Certification Programs in the fourth quarter of this year. The Electrical Inspector Certification Program was developed as a result of a request from an electrical industry group known as the Inspection Initiative Coalition. This group was established approximately six years ago due to a concern within the electrical industry that electrical inspection programs were threatened with phase-out in some jurisdictions and that there was a trend toward self-certification. There was also a concern that inspectors were being hired to do electrical inspections that had little or no electrical training. The coalition started a public awareness campaign to highlight the need for electrical inspections by qualified electrical inspectors. They then focused on the need for a program to ascertain that practitioners were qualified to do electrical inspections.

The NFPA Electrical Inspector Certification Program envisioned is one that would demonstrate that the inspectors possessed code knowledge, but also had the ability to analyze installations and apply the *National Electrical Code*® (NFPA 70) properly to an installation. The testing mechanism program was designed to

have test questions that would test candidates on realistic installation problems. Numerous graphics were developed for the Written Examination in order to make the exam more representative of the inspector's job, which is a very visual exercise. A Practicum Phase consisting of several exercises was developed to provide some real world experiences for electrical inspectors.

NFPA will offer a Building Inspector Certification Program to accompany the new NFPA 5000, *Building Code*, in the summer of 2002. It will include certification programs for qualified building inspector and plans examiner personnel. The two programs are being developed and implemented through a streamlined approach utilizing the most modern educational techniques, technology, and testing procedures. The training program and support network required to support the Building Inspector Certification Programs are being developed simultaneously. These are targeted for completion concurrently with the acceptance and publication of NFPA 5000. Additionally, training seminars in the administration and use of NFPA 5000 are also being developed and will be made available to the general public, thus, providing NFPA 5000 with a well-balanced, comprehensive support program.

To obtain copies of the Applications, Forms, or Applicant Handbooks for any of the Certification Program Offerings,

including the *Recertification Form* and *Documentation Listing* for the Fire Inspector, Fire Plan Examiner, or CFPS Certification Programs, go the Professional Development page on the NFPA Web site at www.nfpa.org or <http://cfps.nfpa.org>. Copies of the application forms and applicant handbooks for the various programs can be found in a downloadable format (.PDF) on the NFPA Web site. The forms should be returned to the NFPA Certification Department with the appropriate fee payable to NFPA. Once the certification program application forms or *Documentation Forms for Recertification* are received, the documentation will be evaluated, and if all is in order, the aforementioned certificate and benefits will be mailed.

NFPA wants to help individuals maintain their professional credentials, and this offer helps to maintain the earned recognition for those certified. If you have any questions, please feel free to contact:

Robert A. Ruscitto, Director
NFPA Certification Programs
1 Batterymarch Park
Quincy, MA 02269-9101
Telephone: (617) 984-7497; Fax: (617) 984-7056; E-mail:
fire.insp.cert@nfpa.org

New Maryland State Fire Marshal Appointed

Colonel David B. Mitchell announced that State Fire Marshal Rocco J. Gabriele, the second longest-tenured state fire marshal in the country, has accepted a position with the Maryland State Police, and a new Maryland State Fire Marshal has been selected.

William E. Barnard, 50, has been appointed by Colonel Mitchell to the position of Maryland State Fire Marshal, for a six-year term that begins July 1, 2001. He will replace Gabriele, who has served in this position since 1982. The Office of the State Fire Marshal is an agency of the Maryland State Police.

Barnard has more than 30-years experience as a career and volunteer fire service professional. He spent 24 years with the Prince George's County Fire Department prior to his retirement in 1995 as a Deputy Fire Chief with the rank of Lt. Colonel. For the next two years, he served as a project manager in the Office of the State Fire Marshal.

In June 1997, Barnard was appointed as a special assistant in the Office of the Governor. He served as a liaison between that office and the Maryland State Police, the Office of the State Fire Marshal, the Maryland Department of Public Safety and Correctional Services, and the Maryland Emergency Management Agency.

"Bill Barnard brings a wealth of professional fire service and administrative experience with him to the important position of State Fire Marshal," Governor Parris N. Glendening said. "His departure will leave a void in the Office of the Governor, but I am pleased Colonel Mitchell has chosen him to head an agency dedicated to protecting our citizens from fire danger. His exper-

tise in both the fire service field and government matters ensure he will be an excellent State Fire Marshal. I thank Rocco Gabriele for his many years of faithful and extraordinary service both as a member of the Maryland State Police and as our State Fire Marshal."

"Rocco Gabriele has faithfully and effectively served the people of Maryland for almost two decades as the State Fire Marshal," Colonel Mitchell said. "It was difficult to find someone with his extensive qualifications and leadership skills. Bill Barnard is highly qualified as a fire service professional and a leader in state government. He will continue to build upon the tradition of excellence established within the Office of the State Fire Marshal."

The selection process for a new state fire marshal began last year when the position was advertised. Candidate resumes were reviewed by the State Fire Prevention Commission. The top candidates were forwarded to Colonel Mitchell, who completed the selection process.

Barnard will oversee the operation of 65 employees, including more than 40 deputy state fire marshals. The Office of the State Fire Marshal is responsible for enforcing state fire codes, investigating fires, and supervising public safety and education efforts.

Gabriele's duties will include work as a liaison with the fire service and the Maryland General Assembly. He will oversee the weapons of mass destruction preparedness program. Prior to his service as the State Fire Marshal, Gabriele spent 24 years with the Maryland State Police, retiring in 1982 at the rank of captain.

U.S. Consumer Product Safety Commission

CPSC and Central Sprinkler Company Announce Voluntary Recall to Replace O-Ring Fire Sprinklers

The U.S. Consumer Product Safety Commission (CPSC) and Central Sprinkler Company, an affiliate of Tyco Fire Products LP of Lansdale, Pennsylvania, are announcing a voluntary replacement program. Central will provide free parts and labor to replace 35 million Central fire sprinklers with O-ring seals. The program also includes a limited number of O-ring models sold by Gem Sprinkler Company and Star Sprinkler Inc. totaling about 167,000 sprinkler heads.

Central initiated this action because it discovered the performance of these O-ring sprinklers can degrade over time. These sprinkler heads can corrode, or minerals, salts, and other contaminants in water can affect the rubber O-ring seals. These factors could cause the sprinkler heads not to activate in a fire. Central is providing newer fire sprinklers that do not use O-ring seals and is voluntarily launching this program to provide enhanced protection to its sprinkler customers. This is the third largest replacement program in CPSC history.

"I am pleased that Central is voluntarily undertaking this major program proactively to replace sprinklers nationwide and protect consumers from the risk of fire," said CPSC Chair Ann Brown.

Central will provide free of charge replacement sprinkler heads and the labor needed to replace the sprinklers. Central will arrange for the installation by using either its own Central Field Service crews or by contracting with professional sprinkler contractors.

This replacement program includes two kinds of sprinklers, "wet" and "dry." "Wet" sprinklers are installed in piping that is filled with water. "Dry" sprinklers are used in areas that may be exposed to very cold temperatures and the exposed piping does not contain water. Central has received four reports of "wet" sprinklers failing to activate during a fire and nine similar reports on "dry" sprinklers. These incidents resulted in two property damage claims against Central.

The sprinklers were installed nationwide in a wide variety of buildings, including houses, apartments, hospitals, day care facilities, schools, dormitories, nursing homes, supermarkets, parking garages, warehouses, and office buildings.

Central manufactured 33 million "wet" sprinklers with O-rings from 1989 until 2000 that are covered by this program. Central also manufactured 2 million "dry" sprinklers with O-rings from the mid-1970s to June 2001 that are covered by this program. The program also covers 167,000 sprinklers with O-rings manufactured by Gem Sprinkler Company and Star Sprinkler Inc. from 1995 to 2001. A listing of all the models covered under this voluntary replacement program are on the next page.

The fire sprinkler heads have the words "CENTRAL" or "STAR," the letters "CSC," the letter "G" in a triangle, or a star-shaped symbol stamped on either the metal sprinkler frame or on the deflector. The model designation and date may also be stamped on the frame or deflector. The deflector is the flower, or gear-shaped metal piece, at one end of the sprinkler head.

Laboratory testing has indicated that most of the heads would operate in a fire situation, but certain tested heads required higher water pressure to activate than may be available in particular buildings. Due to the number of sprinklers involved, this program will be phased in, with priority based on the age of the sprinklers, the population affected (e.g., buildings such as nursing homes and hospitals will be given priority), and whether the sprinklers show signs of corrosion or leakage. This program puts in place an orderly process that serves the public interest.



Building and home owners should check their fire sprinklers immediately to see if they are part of this voluntary replacement program. For more information on how to identify sprinklers subject to this program and to learn how to participate in this program, call the Notice Packet Request Line at (800) 871-3492, 24 hours a day, 7 days a week, or access the program's Web site at www.SprinklerReplacement.com.

The CPSC is currently working with the sprinkler industry to improve sprinkler reliability and upgrade existing standards and codes.

The CPSC and Central emphasize that for sprinkler systems to be effective, they must be regularly inspected and maintained like a building's heating, cooling, electrical, and elevator systems. In addition, the most recent industry standards state that dry sprinkler heads should be tested and replaced, if necessary, at least every ten years. Central believes all fire sprinkler heads should be tested no later than ten years after installation, and depending on water quality and other factors, more frequent testing may be appropriate.

Central is also contacting foreign governments to facilitate the replacement of these O-ring sprinklers that may be installed in their countries.

Consumers should always take precautions to make sure they are fully protected from a fire, even if they have fire sprinklers in their homes. There should be at least one fully operational smoke detector on every floor of a home, especially near bedrooms. To ensure that the detector's batteries are working, test the

detector every month. Consumers also should have a well-defined and rehearsed escape plan and an alternate escape plan in the event of a fire. A free copy of "Your Home Fire Safety Checklist" is available from CPSC by calling (800) 638-2772, or by writing to CPSC, Washington, DC 20207.

The CPSC protects the public from unreasonable risks of injury or death from 15,000 types of consumer products under the agency's jurisdiction. To report a dangerous product or a product-related injury, call CPSC's hotline at (800) 638-2772 or CPSC's teletypewriter at (800) 638-8270, or visit CPSC's Web

site at www.cpsc.gov/talk.html. For information on CPSC's fax-on-demand service, call the above numbers or visit the Web site at www.cpsc.gov/cpsc/pub/pubs/103.html. To order a press release through fax-on-demand, call (301) 504-0051 from the handset of your fax machine and enter the release number. Consumers can obtain this release and recall information at CPSC's Web site at www.cpsc.gov.

Affected Models Central "Wet" Sprinklers (Manufactured from 1989–2000)

GB	GB4-FR	GB-R1	BB2	ELOC	ELO-GB QR
GB-J	GB4-EC	GB-RS	BB3	ESLO	LD
GB-1	GB4-QREC	GB-R	SD1	ELO SW-20	K17-231
GB-ALPHA	GB-20	ROC	SD2	ELO SW-24	Ultra K17
GB4	GB-20 QR	BB1 17/32	SD3	ESLO-20 GB	ELO-16 GB
GB-QR	GB-LO	BB2 17/32	HIP	ELO-231 GB	GB MULTI-LEVEL
GBR-2	LF	BB3 17/32	WS	ELO-GB	GB-QR MULTI-LEVEL
GB-EC	GBR	BB1	ELO-LH	ELO-231 GBQR	ELO-16 GB FR

Central "Dry" Sprinklers (Manufactured from Mid-1970s–2001)

A-1	GB	GB4-EC	ELO-16 GB
H-1	GB-QR	GB4-QREC	ELO-16 GB
J	GB4	ELO-231 GB	
K	GB4-FR	ELO-GB QR	

Gem "Wet" Sprinklers (Sold under Gem name from 1995–2001)

F927

Star "Dry" Sprinklers (Manufactured from 1996–1998)

ME-1	SG-QR	Q-QR	SG	Q
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2002 May Meeting and the 2002 Building Code *Report on Proposals Available*

The 2002 May Meeting *Report on Proposals* and the 2002 Building Code *Report on Proposals* are available. These reports record the actions of the technical committees (and the correlating committees) on each proposal to the respective document.

To obtain a copy of these reports that are being presented for action at the NFPA 2002 May Meeting in Minneapolis, Minnesota, on May 19–23, 2002, download the file from NFPA's Web site or contact NFPA at 1 (800) 344-3555.

Recipients of these reports may comment on the reports until October 5, 2001. Comments must be submitted during the

comment period and will not be accepted at the May Meeting when the reports are acted on. There are forms for comment in the reports. Comments on these reports should be submitted to the Secretary, Standards Council, in the form of proposed amendments, using the form(s) provided in the Report on Proposals. Each comment should be accompanied by supporting data.

Committee actions on all comments received will be published in the *Report on Comments* and will be available by request prior to the May Meeting. Anyone submitting comments will automatically receive a copy of the *Report on Comments*.

Proposed By-Law Change

As required in Article 10.1 of the IFMA by-laws, notice is hereby given on a proposed by-law change. The Executive Board is proposing the following by-law change. The change would bring the by-laws in line with changes in the master and work plan. The proposed changes will be voted on at the Business Meeting to be held on Tuesday, November 13, in Dallas, Texas.

Article 2. Purposes and Powers

This Association shall have the following purposes in support of its mission:

- (a) to unite for mutual benefit those officials engaged primarily in the prevention of fire, the control of arson, and/or public fire safety education.
- (b) to provide educational and professional development opportunities through technological, certification, and prevention programs.
- (c) to provide a resource service to the members of the International Fire Marshals Association.
- (d) to actively market and promote a positive, dynamic, and proactive profile for the International Fire Marshals Association. Create new Chapters and enhance membership participation at all levels.
- (e) to actively participate in the codes and standard-making process at the national, state, and local level.
- (f) to monitor national fire safety legislative proposals and attempt to influence approval or rejection at the national, state, and local level.
- (g) to develop mechanisms for Chapters to participate in the International Fire Marshals Association.
- (h) to monitor and support research and development of solutions to fire protection and fire prevention problems.



NFPA International
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