

***Technical Committee on
Private Water Supply Piping Systems***

MEMORANDUM

DATE: September 6, 2011

TO: Principal and Alternate Members of the Technical Committee on Private Water Supply Piping Systems

FROM: Matt Klaus, Senior Fire Protection Engineer/NFPA Staff Liaison

SUBJECT: **AUT-PRI AGENDA PACKAGE – A2012 ROC Meeting**

Enclosed is the agenda for the Report on Comments (ROC) meeting for NFPA 13, *Standard for the Installation of Sprinkler Systems*, NFPA 24 *Standard for the Installation of Private service Mains and Their Appurtenances*, and NFPA 291 *Recommended Practice for Fire Flow Testing and Marking of Hydrants*. NFPA 13, 24, and 291 have entered the Annual 2012 revision cycle and will produce 2013 Editions. It is imperative that you review the attached comments in advance and come to the ROC meeting with your ideas and substantiations for your views. If you have alternate suggestions for text changes, please come prepared with the words and respective substantiation.

For administrative questions, please feel free to contact Joanne Goyette at (617) 984-7950. For technical questions, please feel free to contact Matt Klaus at (617) 984-7448. You can also reach either of us via e-mail at JGoyette@nfpa.org or MKlaus@nfpa.org. We look forward to meeting everyone in Newport Beach, CA at the Newport Beach Marriott Hotel and Spa.

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PART 1 – MEETING AGENDA

REPORT ON COMMENTS (ROC) MEETING
NFPA Technical Committee on
Private Water Supply Piping Systems

Newport Beach Marriott
Newport Beach, California
September 29, 2011

AGENDA

1. Call to Order at **8:00 AM**.
2. Self-Introductions of members and guests
3. Review of Distributed Meeting Materials
4. Approval of A12-ROP Meeting Minutes
5. Review of Meeting Procedures and Revision Process
6. Overview of Workload/Schedule/Agenda Additions
7. Address Public and Committee Comments
8. New Business
9. Next Cycle
10. Adjournment.

PART 2 - TC ADDRESS LIST

Address List No Phone

8/31/2011
Matthew J. Klaus
AUT-PRI

Private Water Supply Piping Systems Automatic Sprinkler Systems

Kenneth W. Wagoner Chair Parsley Consulting Engineers 350 West 9th Avenue, Suite 206 Escondido, CA 92025-5053	SE 8/5/2009 AUT-PRI	Richard W. Bonds Principal Ductile Iron Pipe Research Association 245 Riverchase Pkwy East, Suite O Birmingham, AL 35244	M 1/1/1987 AUT-PRI
Phillip A. Brown Principal American Fire Sprinkler Association, Inc. 12750 Merit Drive, Suite 350 Dallas, TX 75251 Alternate: Jeffrey J. Rovegno	IM 10/6/2000 AUT-PRI	James A. Charrette Principal Allan Automatic Sprinkler Corp. of So. California 3233 Enterprise Street Brea, CA 92821 National Fire Sprinkler Association Installer/Maintainer Alternate: Ronald N. Webb	IM 7/26/2007 AUT-PRI
Flora F. Chen Principal City of Hayward 777 B Street Hayward, CA 94541	E 10/20/2010 AUT-PRI	Stephen A. Clark, Jr. Principal Allianz Risk Consultants, LLC 1003 Reece Drive Hoschton, GA 30548 Alternate: Andrew C. Higgins	I 1/14/2005 AUT-PRI
Jeffry T. Dudley Principal National Aeronautics & Space Administration 503 Glenbrook Circle Rockledge, FL 32955	U 10/20/2010 AUT-PRI	Byron E. Ellis Principal Entergy Corporation 5564 Essen Lane, Mail Code L-ESSN-2M Baton Rouge, LA 70809 Edison Electric Institute	U 7/23/2008 AUT-PRI
Brandon W. Frakes Principal XL Global Asset Protection Services 196 Shady Grove Lane Advance, NC 27006 Alternate: Mark A. Bowman	I 1/15/2004 AUT-PRI	David B. Fuller Principal FM Global 1151 Boston Providence Turnpike PO Box 9102 Norwood, MA 02062-9102	I 7/26/2007 AUT-PRI
Robert M. Gagnon Principal Gagnon Engineering 2660 Daisy Road Woodbine, MD 21797	SE 4/1/1994 AUT-PRI	Tanya M. Glumac Principal Liberty Mutual Property 20 Riverside Road Weston, MA 02493-2231 Alternate: Luke Hilton	I 1/10/2008 AUT-PRI
William J. Gotto Principal Global Risk Consultants Corporation 100 Walnut Avenue, 5th Floor Clark, NJ 07066 Alternate: James B. Biggins	SE 8/5/2009 AUT-PRI	LaMar Hayward Principal 3-D Fire Protection, Inc. PO Box 50845 Idaho Falls, ID 83405	IM 8/2/2010 AUT-PRI

Address List No Phone

8/31/2011
Matthew J. Klaus
AUT-PRI

Private Water Supply Piping Systems Automatic Sprinkler Systems

Alan R. Laguna Principal Merit Sprinkler Company, Inc. 930 Kenner Avenue PO Box 1447 Kenner, LA 70062-1447	IM 10/3/2002 AUT-PRI	John Lake Principal City of Gainesville 306 NE 6th Avenue, Building B PO Box 490, Station 9 Gainesville, FL 32602-0490	E 1/31/2001 AUT-PRI
Michael T. Larabel Principal Amway Inc. 7575 East Fulton Street, 44B-1C Ada, MI 49357	U 8/2/2010 AUT-PRI	George E. Laverick Principal Underwriters Laboratories Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 Alternate: Michael G. McCormick	RT 4/15/2004 AUT-PRI
James M. Maddry Principal James M. Maddry, P.E. 3680 Foxfire Place Martinez, GA 30907	SE 1/1/1991 AUT-PRI	Kevin D. Maughan Principal Tyco Fire Protection Products 1467 Elmwood Avenue Cranston, RI 02910 Alternate: Cliff Hartford	M 1/14/2005 AUT-PRI
Bob D. Morgan Principal Fort Worth Fire Department 1000 Throckmorton Street Fort Worth, TX 76102	E 8/2/2010 AUT-PRI	David S. Mowrer Principal Babcock & Wilcox Technical Services, LLC Y-12 National Security Complex PO Box 2009, MS-8107 Oak Ridge, TN 37831-8107 Alternate: Austin L. Smith	U 1/1/1982 AUT-PRI
Dale H. O'Dell Principal National Automatic Sprinkler Fitters LU 669 14698 Stallion Trails Victorville, CA 92392 United Assn. of Journeymen & Apprentices of the Plumbing & Pipe Fitting Industry Alternate: Charles W. Ketner	L 8/2/2010 AUT-PRI	Adam P. Olomon Principal Aon/RRS/Schirmer Engineering 6455 South Shore Blvd., Suite 400 League City, TX 77573	I 8/2/2010 AUT-PRI
Sam P. Salwan Principal Environmental Systems Design, Inc. 175 West Jackson Blvd., Suite 1400 Chicago, IL 60604 Alternate: Martin Ramos	SE 1/1/1989 AUT-PRI	James R. Schifiliti Principal Fire Safety Consultants, Inc. 2420 Alft Lane, Suite 100 Elgin, IL 60124 Illinois Fire Prevention Association	IM 1/18/2001 AUT-PRI
Peter T. Schwab Principal Wayne Automatic Fire Sprinklers, Inc. 222 Capitol Court Ocoee, FL 34761-3033	IM 7/29/2005 AUT-PRI	J. William Sheppard Principal Sheppard & Associates, LLC 24756 Tudor Lane Franklin, MI 48025	SE 1/1/1984 AUT-PRI

Address List No Phone

8/31/2011

Matthew J. Klaus

AUT-PRI

Private Water Supply Piping Systems

Automatic Sprinkler Systems

Scott M. Twele	SE 10/20/2010	Karl Wiegand	M 10/27/2009
Principal The RJA Group, Inc. Rolf Jensen & Associates, Inc. 591 Camino de la Reina, Suite 1025 San Diego, CA 92108 Alternate: Joshua Davis	AUT-PRI	Principal National Fire Sprinkler Association 40 Jon Barrett Road Patterson, NY 12563 National Fire Sprinkler Association Design Alternate: Steve L. Escue	AUT-PRI
James B. Biggins	SE 1/1/1996	Mark A. Bowman	I 1/15/2004
Alternate Global Risk Consultants Corporation 15732 West Barr Road Manhattan, IL 60442-9012 Principal: William J. Gotto	AUT-PRI	Alternate XL Global Asset Protection Services 13467 Chevington Drive Pickerington, OH 43147 Principal: Brandon W. Frakes	AUT-PRI
Joshua Davis	SE 10/20/2010	Steve L. Escue	M 3/4/2009
Alternate The RJA Group, Inc. Rolf Jensen & Associates, Inc. 3384 Peachtree Road NE, Suite 550 Atlanta, GA 30326 Principal: Scott M. Twele	AUT-PRI	Alternate TK Engineering Company PO Box 1731 White House, TN 37188 National Fire Sprinkler Association Design Principal: Karl Wiegand	AUT-PRI
Cliff Hartford	M 10/4/2007	Andrew C. Higgins	I 3/21/2006
Alternate Tyco Fire & Building Products 5907 Raymond Avenue Farmington, NY 14425 Principal: Kevin D. Maughan	AUT-PRI	Alternate Allianz Risk Consultants, Inc. 3475 Piedmont Road NE, Suite 900 Atlanta, GA 30305 Principal: Stephen A. Clark, Jr.	AUT-PRI
Luke Hilton	I 10/1/1996	Charles W. Ketner	L 8/2/2010
Alternate Liberty Mutual Property 13830 Ballantyne Corporate Place, Suite 525 Charlotte, NC 20277-2711 Principal: Tanya M. Glumac	AUT-PRI	Alternate National Automatic Sprinkler Fitters LU 669 Joint Apprenticeship & Training Committee 7050 Oakland Mills Road Columbia, MD 20732 United Assn. of Journeymen & Apprentices of the Plumbing & Pipe Fitting Industry Principal: Dale H. O'Dell	AUT-PRI
Michael G. McCormick	RT 10/20/2010	Martin Ramos	SE 3/15/2007
Alternate Underwriters Laboratories Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 Principal: George E. Laverick	AUT-PRI	Alternate Environmental Systems Design, Inc. 175 West Jackson Blvd., Suite 1400 Chicago, IL 60604 Principal: Sam P. Salwan	AUT-PRI

Address List No Phone

8/31/2011
Matthew J. Klaus
AUT-PRI

Private Water Supply Piping Systems Automatic Sprinkler Systems

Jeffrey J. Rovegno	IM 8/5/2009	Austin L. Smith	U 3/1/2011
Alternate Mr. Sprinkler Fire Protection 100 Derek Place Roseville, CA 95678 American Fire Sprinkler Association Principal: Phillip A. Brown	AUT-PRI	Alternate Babcock & Wilcox Y-12, LLC PO Box 2009, MS 8107, Room S2.206 Oak Ridge, TN 37831-8107 Principal: David S. Mowrer	AUT-PRI
Ronald N. Webb	IM 8/2/2010	Matthew J. Klaus	12/16/2010
Alternate S.A. Comunale Company, Inc. 2900 Newpark Drive Barberton, OH 44203 National Fire Sprinkler Association Installer/Maintainer Principal: James A. Charrette	AUT-PRI	Staff Liaison National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471	AUT-PRI

PART 3 – NFPA STAFF LIAISON NOTICE

Note from the Staff Liaison

Dear Committee Members:

We are very pleased that you will be participating in the processing of the 2013 Edition of NFPA 13. Development of the Standard would not be possible without the participation of volunteers like you.

Materials You Will Need to Have for the Committee Meeting

- Agenda with all attachments
- Public Comments Submitted Under A2012 Cycle
- Committee Officers' Guide (Chairs)
- Roberts' Rules of Order (Chairs – abbreviated version may be found in the Committee Officer's Guide)

"Nice to Have" Materials

- NFPA Annual Directory
- NFPA Manual of Style
- Prepared Committee Comments (If applicable)

Preparation

Prepared actions and statements will clarify your position and provide the committee with a starting point. Prepared actions and statements really help expedite the progress of the meeting.

Getting Things Done

Comments

Only one posting of comments will be made; it will be arranged in section/order and will be pre-numbered. This will be posted to the NFPA e-committee website and also attached to this Agenda Package. If you have trouble accessing the website please contact Joanne Goyette at jgoyette@nfpa.org. Please bring the comments to the committee meeting.

The processing schedule to be followed by the committee is outlined in the schedule in this package. As the schedule is very tight, no extensions of the deadline for receipt of completed ballots or extensions of the period to change vote will be possible.

It is therefore suggested that those of you who must consult with others regarding your ballot do so based on the material passed out at the meeting, and your meeting notes. Do not wait for receipt of the ballot materials from NFPA.

Regulations and Operating Procedures

All actions at, and following, the committee meetings will be governed in accordance with the NFPA Regulations Governing Committee Projects. The latest Regulations (as of this printing) appear on pages 10-28 of the 2010 NFPA Directory.

All committee actions will be in accordance with the NFPA Regulations Governing Committee Projects. The style of NFPA 13 will comply with the Manual of Style for NFPA Technical Committee Documents. Failure to comply with these rules could result in challenges to the standards-making process. A successful challenge on procedural grounds

could prevent or delay publication of NFPA 13. Consequently, committees must follow the regulations and procedures.

Processing Comments

Committee Actions

The following are the actions permitted by the Regulations Governing Committee Projects for disposition of comments.

Accept

The committee accepts the comment exactly as written. Only editorial changes such as paragraph and section numbering, and corrections to spelling, capitalization, and hyphenation may be made.

If a comment is accepted without a change of any kind, except for editorial changes, the committee can simply indicate acceptance. The committee should add a committee statement explaining the action if, for example the committee does not agree with all of the substantiation or supporting data or has a number of different reasons for acceptance than those stated in the substantiation or supporting data. The absence of such a statement could mislead the reader by giving the impression that the committee agreed with all of the substantiation for the comment.

Reject

The comment is rejected by the committee. If the principle or intent of the comment is acceptable in whole or in part, the comment should not be rejected, it should be accepted in principle or accepted in principle in part. A complete reason for rejection of the comment must be supplied in the committee statement.

Accept in Principle

Accept the comment with a change in wording. The committee action must indicate specifically what action was taken to revise the proposed wording, and where the wording being revised is located (i.e., in the proposed wording or in the document). If the details are in the action on another comment, the committee action may simply indicate "Accept in Principle" but reference should then be made in the committee statement to the specific comment detailing the action.

Accept in Part

If part of a comment is accepted without change and the remainder is rejected, the comment should be "Accepted in Part." The committee action must indicate what part was accepted and what part was rejected and the committee statement must indicate its reasons for rejecting that portion.

Accept in Principle in Part

This is a combination of "Accept in Principle" and "Accept in Part" as shown above.

Committee Statements

Any comment that is "Accepted in Principle", "Accepted in Part", "Accepted in Principle in Part" or "Rejected" must include a committee statement, preferably technical in nature that provides the reasons for the action.

References to the requirements of other documents as a reason for rejection should be to the specific sections of the document including the requirements. If there is more than one such section, the reference should include a least one, identified as an example.

It is a violation of the regulations for a committee to reject a comment simply because it accepted a different comment on the same subject. Reference in the committee statement to another committee action is inappropriate unless the referenced comment contains all of the applicable technical justification for the action.

If the rejection or change was for the same reason that another comment was rejected or changed, the committee statement may refer to that comment giving the same reason for rejection or change. Please verify that cross references to other comments are correct.

The committee statement should not refer to another committee statement which, in turn, refers to some other committee statement. There may be a situation where the committee will want to refer to two, three, or more committee statements if they are all appropriate.

When the committee develops a committee action for a comment that is accepted in principle, the rationale must indicate why the wording submitted was not accepted. This reason should be technical in nature, unless the committee has simply rewritten the submitter's text, in which case the committee can state that the proposed wording should meet the submitter's intent.

The committee statement on a comment that is accepted in part should indicate specifically why that part of the comment was not accepted.

Easy Procedures for Handling a Motion

NFPA Committee Meetings are conducted in accordance with Roberts' Rules of Order. In order for a comment to be discussed, a motion must be made. A simplified procedure for discussion of motions is as follows:

Member

- Member Addresses the Chair
- Receives Recognition from the Chair
- Introduces the Motion
- (Another Member) Seconds the Motion.

Chair (Presiding Officer)

- States the Motion
- Calls for Discussion
- Takes the vote
- Announces the Result of the Vote

It is imperative that you review the comments before the meeting and develop proposed actions and statements. These prepared actions and statements will clarify your position and provide the committee with a starting point. Prepared actions and statements really help expedite the progress of the meeting.

Balloting Dos and Don'ts

Either fax or mail your ballot - Please do not do both. Don't return the entire package; just return the appropriate ballot page(s) and explanation of votes.

Alternate Members

At the end of each code cycle, the Standards Council reviews records of all members regarding their participation in the standards-making process. Therefore, it is important for alternate members to remember that return of ballots is expected, even though they know that their principal member will be attending meetings and returning their ballots.

General Procedures for Meetings

- Use of tape recorders or other means capable of producing verbatim transcriptions of any NFPA Committee Meeting is not permitted.
- Attendance at all NFPA Committee Meetings is open.
- All guests must sign in and identify their affiliation.
- Participation in NFPA Committee Meetings is generally limited to committee members and NFPA staff. Participation by guests is limited to individuals, who have previously requested of the chair time to address the committee on a particular item, or individuals who wish to speak regarding public proposals or comments that they submitted.
- The chairman reserves the right to limit the amount of time available for any presentation.
- No interviews will be allowed in the meeting room at any time, including breaks.
- All attendees are reminded that formal votes of committee members will be secured by letter ballot. Voting at this meeting is used to establish a sense of agreement, but only the results of the formal letter ballot will determine the official position of the committee on any comment.
- Note to Special Experts: Particular attention is called to Section 3.3(e) of the NFPA Guide for the Conduct of Participants in the NFPA Codes and Standards Development Process in the NFPA Directory that directs committee members to declare their interest representation if it is other than their official designation as shown on the committee roster, such as when a special expert is retained and represents another interest category on a particular subject. If such a situation exists on a specific issue or issues, the committee member shall declare those interests to the committee, and refrain from voting on any proposal, comment, or other matter relating to those issues.
- Smoking is not permitted at NFPA Committee Meetings

PART 4 – A2012 ROP MEETING MINUTES

**TC on Private Water Supply Piping Systems
ROP Meeting
Savannah Riverfront Marriott
100 General McIntosh Blvd
Savannah, GA
February 4, 2011**

Attendees:

See attached sign-in sheet.

1. Ken Wagoner (TC Chair) called the meeting to order at 8:00 am and began introductions.
2. The A2009 ROC minutes were approved.
3. Matt Klaus gave the staff report and a presentation on the meeting procedures. He also reviewed the dates of the cycle.
4. Ken Wagoner then discussed the logistics for the meeting and his process to complete the ROP.
5. The committee then processed the proposals. See the ROP for the official actions on the proposals.
6. New Business: There was no new business discussed.
7. The ROC meeting is scheduled for September 29, 2011 in Newport Beach, CA
8. Meeting adjourned at 3:30 pm.

Sign-In Sheet
Private Water Supply Piping Systems

NFPA 13/24/291 (A12) ROP Meeting
Marriott Savannah Riverfront Hotel, Savannah, GA 31401
February 4, 2011

NP

Name	Office	Organization	Signature	Staying at hotel				
				1	2	3	4	5
Wagoner, Kenneth	Chair	Parsley Consulting Engineers	<i>Ken Wagoner</i>	X				
Bonds, Richard	Principal	Ductile Iron Pipe Research Association	<i>Richard Bonds</i>	X				
Brown, Phillip	Principal	American Fire Sprinkler Association	<i>Phillip A. Brown</i>	No				
Charrette, James	Principal	National Fire Sprinkler Association	<i>James Charrette</i>	Yes			X	
Chen, Flora	Principal	City of Hayward						
Clark, Stephen	Principal	Allianz Risk Consultants, LLC	<i>Stephen Clark</i>	Yes	X			
Dudley, Jeffrey	Principal	National Aeronautics & Space	<i>Jeffrey Dudley</i>	X				
Ellis, Byron	Principal	Edison Electric Institute	<i>Byron E. Ellis</i>	Yes	X			
Frakes, Brandon	Principal	XL Global Asset Protection Services	<i>Brandon Frakes</i>	Yes	X			
Fuller, David	Principal	FM Global	<i>David B. Fuller</i>	No	X			
Gagnon, Robert	Principal	Gagnon Engineering						
Gotto, William	Principal	Global Risk Consultants Corporation	<i>William Gotto</i>	Yes	X			
Hayward, LaMar	Principal	3-D Fire Protection, Inc.	<i>LaMar Hayward</i>	Yes			X	
Hilton, Luke	Principal	Liberty Mutual Property						
Laguna, Alan	Principal	Merit Sprinkler Company, Inc.	<i>Alan Laguna</i>	Yes				
Lake, John	Principal	City of Gainesville						
Larabel, Michael	Principal	Amway /Amway Inc.	<i>Mike Larabel</i>	Yes			X	
Laverick, George	Principal	Underwriters Laboratories Inc.	<i>George Laverick</i>	Yes			X	
Maddry, James	Principal	James M. Maddry, P. E.	<i>James Maddry</i>					
Maughan, Kevin	Principal	Tyco Fire Suppression & Building Products	<i>Kevin Maughan</i>	Yes			X	
Morgan, Bob	Principal	Fort Worth Fire Department						

January 19, 2011

NP Recorded 4-6-11
Changes to C. Peterson 4-6-11 *[Signature]*

Sign-In Sheet
Private Water Supply Piping Systems

NFPA 13/24/291 (A12) ROP Meeting
Marriott Savannah Riverfront Hotel, Savannah, GA 31401
February 4, 2011

Name	Office	Organization	Signature	Staying at hotel					Days	
				1	2	3	4	5		
Mowrer, David	Principal	Babcock & Wilcox Technical Services, LLC		Yes	X	X	X	X	X	8 total
O'Dell, Dale	Principal	United Assn. of Journeymen & Apprentices		Yes	X					
Olomon, Adam	Principal	Aon Fire Protection Engineering								
Salwan, Sam	Principal	Environmental Systems Design, Inc.								
Schiffli, James	Principal	Illinois Fire Prevention Association								
Schwab, Peter	Principal	Wayne Automatic Fire Sprinklers, Inc.		Yes	X	X	X	X	X	8 total
Sheppard, J.	Principal	Sheppard & Associates, LLC								
Twele, Scott	Principal	The RJA Group, Inc.								
Wiegand, Karl	Principal	National Fire Sprinkler Association		NO	X					
Bowman, Mark	Alternate	XL Global Asset Protection Services								
Davis, Joshua	Alternate	The RJA Group, Inc.								
Escue, Steve	Alternate	National Fire Sprinkler Association								
Glumac, Tanya	Alternate	Liberty Mutual Property		Yes	X					
Hartford, Cliff	Alternate	Tyco Fire Suppression & Building Products		Yes	X					
Higgins, Andrew	Alternate	Allianz Risk Consultants, Inc.								
Ketner, Charles	Alternate	United Assn. of Journeymen & Apprentices								
McCormick, Michael	Alternate	Underwriters Laboratories Inc.								
Ramos, Martin	Alternate	Environmental Systems Design, Inc.								
Rovegno, Jeffrey	Alternate	American Fire Sprinkler Association								
Webb, Ronald	Alternate	National Fire Sprinkler Association		Yes	X					
Perkins, Geoffrey	Nonvoting Member	Bassett Consulting Engineers								

PART 5 – A2012 REVISION CYCLE DATES

2012 Annual Revision Cycle

	PROCESS STAGE	PROCESS STEP	DATES FOR TC	DATES FOR TCC
1	PRELIMINARY	1.0 Notification of intent to enter cycle	7/9/10	7/9/10
2	REPORT ON PROPOSALS (ROP)	2.1 Proposal closing date	11/23/10*	11/23/10*
		2.2 Final date for ROP meeting	2/25/11	2/24/11
		2.3 Final date for mailing TC ballots	3/18/11	2/18/11
		2.4 Receipt of (TC) ballots by staff liaison	4/22/11	3/11/11
		2.5 Receipt of TC recirculation ballots	5/6/11	3/18/11
		2.6 Final date for TCC meeting		4/15/11
		2.7 Final date for mailing TCC ballots		4/22/11
		2.8 Receipt of TCC ballots		5/13/11
		2.9 Receipt of TCC recirculation ballots		5/20/11
		2.10 Final copy (w/ ballot statements) to Secretary, Standards Council	5/13/11	5/27/11
		2.11 Completion of Reports	5/20/11	6/3/11
		2.12 ROP Published and Posted	6/24/11	6/24/11
3	REPORT ON COMMENTS (ROC)	3.1 Comment closing date	8/30/11	8/30/11
		3.2 Final date for ROC meeting	11/4/11	10/7/11
		3.3 Final date for mailing TC ballots	11/18/11	10/21/11
		3.4 Receipt of (TC) ballots by staff liaison	12/2/11	11/11/11
		3.5 Receipt of TC recirculation ballots	12/9/11	11/18/11
		3.6 Final date for TCC meeting		12/16/11
		3.7 Final date for mailing TCC ballots		12/23/11
		3.8 Receipt of TCC ballots		1/13/12
		3.9 Receipt of TCC recirculation ballots		1/20/12
		3.10 Final copy (w/ ballot statements) to Secretary, Standards Council	12/23/11	1/27/12
		3.11 Completion of Reports	1/13/12	2/3/12
		3.12 ROC Published and Posted	2/24/12	2/24/12
4	TECH SESSION PREPARATION & ISSUANCE OF CONSENT DOCUMENTS	4.1 Notice of Intent to Make a Motion (NITMAM) Closing Date	4/6/12	4/6/12
		4.2 Posting of Filed NITMAM	5/4/12	5/4/12
		4.3 Council Issuance Date for Consent Documents	5/29/12	5/29/12
		4.4 Appeal Closing Date for Consent Documents	6/13/12	6/13/12
5	TECHNICAL SESSION	5.0 Association Meeting for Documents with Certified Amending Motions	6/3-7/12	6/3-7/12
6	APPEALS & ISSUANCE OF DOCUMENTS W/CAMS	6.1 Appeal closing date for Documents with Certified Amending Motions	6/27/12	6/27/12
		6.2 Council issuance for Documents with Certified Amending Motions	7/26/12	7/26/12

* Proposal Closing Dates may vary according to documents and schedules for Revision Cycles may change. Please check the NFPA website (www.nfpa.org) for the most up-to-date information on proposals closing dates and schedules.

**PART 6 – NFPA 13 ANNUAL 2012 MASTER
SCHEDULE**

Technical Committees on Automatic Sprinkler Systems
Annual 2012 Revision Cycle Master Schedule

1. **Proposal Closing Date** - October 1, 2010

2. **PreROP Meetings:** Quincy Marriott, Quincy, MA
 - a. December 1-2, 2010 – Sprinkler System Installation (SSI)
 - b. December 1-2, 2010 – Sprinkler System Discharge (SSD)
 - c. December 2-3, 2010 – Residential Sprinkler Systems (RSS)

3. **ROP Meetings:** Savannah Riverfront Marriott, Savannah, GA
 - a. February 2-3, 2011 - Hanging and Bracing (HBS)
 - b. February 4, 2011 - Private Water Supply (PRI)
 - c. February 7-9, 2011 - Sprinkler System Installation (SSI)
 - d. February 10-11, 2011 - Sprinkler System Discharge (SSD)
 - e. February 14-15, 2011 - Residential Sprinkler Systems (RSS)

4. **TCC-ROP Meeting:** Savannah Riverfront Marriott, Savannah, GA, March 29-30, 2011

5. **ROC Meeting:** Newport Beach Marriott, Newport Beach, CA
 - a. September 19-20, 2011- Sprinkler System Installation (SSI)
 - b. September 22-23, 2011 - Sprinkler System Discharge (SSD)
 - c. September 26-27, 2011 - Residential Sprinkler Systems (RSS)
 - d. September 28, 2011 - Hanging and Bracing (HBS)
 - e. September 29, 2011 - Private Water Supply (PRI)

6. **TCC-ROC Meeting:** Conference Call - TBD

**PART 7 – ANNUAL 2012 PUBLIC COMMENTS
AUT-PRI**

13- Log #334 AUT-PRI
(10.2.2)

Final Action:

Submitter: Top Myers, Myers Risk Services

Comment on Proposal No: 13-61

Recommendation: Delete the wording from 10.2.2....., ~~including installation instructions~~

Substantiation: Much of the material included in installation instructions is beyond the Scope of this standard and it is wrong to include it as part of the standard. Much of this material is written by manufacturers and is not vetted by Listing/approval agencies and includes warranty and liability disclaimers that should not be made part of the standard. To do so would not be in the best interest of the AHJ, contractor, designer and owner users of this standard.

13- Log #114 AUT-PRI
(10.3.8)

Final Action:

Submitter: Technical Correlating Committee on Automatic Sprinkler Systems,

Comment on Proposal No: 13-574a

Recommendation: Where and when the TC's use the term "Readily Accessible", the TC's are directed to better define their intent on a case by case basis.

Substantiation: This is a direction from the Technical Correlating Committee on Automatic Sprinkler Systems in accordance with 3.4.2 and 3.4.3 of the Regulations Governing Committee Projects.

24- Log #3 AUT-PRI
(5.1.3)

Final Action:

Submitter: Kevin Kelly, Pine Bush, NY

Comment on Proposal No: 24-4

Recommendation: Revise text to read as follows:

Do not take the action in Proposal 24-4. Instead, revise section 5.1.3 and insert an annex note as follows:

5.1.3* Where the volume and pressure available from a water supply are determined through a waterflow test, an adjustment shall be made to the test data to account for daily and seasonal fluctuations.

A.5.1.3 Flow tests that are run during the middle of a business day often do not account for peak water demands at other times of the day or water use during other times of year. Under ideal circumstances, NFPA 24 would have a specific value to apply to all situations, but that is not practical given the wide variations of water supplies in use and the variations of when waterflow tests are conducted. Waterflow tests conducted close to peak water usage times would need less of an adjustment than waterflow tests conducted during low water usage times. Consultation with the water authority may be necessary to determine an appropriate adjustment factor. Use of 24 hour gages at a hydrant can be helpful in determining day to day fluctuations. In addition, the user should also consider other water usage factors such as simultaneous industrial use, the potential for future demand on the system in the area of the test (depending on how well developed the area already is) and other conditions that would affect the water supply.

Substantiation: While some of the material currently in section 5.1.3 is more appropriate in the annex, the basic concept of requiring some adjustment to the data is still needed in the body of the standard. It is completely irresponsible to conduct a waterflow test at a hydrant at a time of very low water demand and believe that you are going to have all of that flow and pressure available when a fire occurs a few hours later during a regular and known peak demand time.

As proposed, the rule would only apply in those situations where the waterflow test is being performed and would not apply to the development of water supply data from other sources.

The concept of evaluating the water supply for possible interruptions from flood or ice conditions has been intentionally dropped from the language because this does not have to do with the flow or pressure available. This concept should be a part of the determination as to whether the water supply is "reliable" enough to use at all, which is a completely different concept and should not be tied to evaluating data from a flow test.

24- Log #5 AUT-PRI
(5.1.3)

Final Action:

Submitter: David R. Hague, Liberty Mutual Commercial Markets

Comment on Proposal No: 24-4

Recommendation: Reject the proposal.

Substantiation: Modifications to waterflow test data should remain required in the body of the standard in order to ensure accurate data is used for design purposes. If they are moved to the annex, they will not be used and will not be enforceable.

24- Log #18 AUT-PRI
(5.1.3)

Final Action:

Submitter: John Chartier, Northeastern Regional Fire Code Development

Comment on Proposal No: 24-4

Recommendation: Restore text to language of the current edition

5.1.3 An adjustment to the waterflow test data to account for the following shall be made, as appropriate.

Substantiation: The requirement needs to remain in the body of the document. If it is moved to the annex material it is not enforceable and therefore, will not be used.

24- Log #6 AUT-PRI
(5.2.2(e))

Final Action:

Submitter: David R. Hague, Liberty Mutual Commercial Markets

Comment on Proposal No: 24-5

Recommendation: Reject the proposal.

Substantiation: Smaller mains are acceptable for Class II standpipes, however, given the required flow for Class I and III standpipes (typically a minimum of 750 gpm) a minimum 6 in. main should be provided to minimize pressure loss. Although NFPA 14 has been revised to require the calculation of standpipes, the standard still establishes minimum standpipe sizes for Class I & III standpipes (4 in.) and combined standpipes (6 in.). As such, the underground water supply pipe should not be smaller than these minimum sizes.

24- Log #14 AUT-PRI
(5.8)

Final Action:

Submitter: Scott Adams,

Comment on Proposal No: 24-7

Recommendation: Reconsider the original proposal and accept.

Revise text as follows: 5.8 Penstocks, Flumes, Rivers, Lakes, or Reservoirs. Water supply connections from approved penstocks, flumes, rivers, lakes, or reservoirs shall be arranged to avoid mud and sediment and shall be provided with approved, double, removable screens or approved strainers installed in an approved manner.

Substantiation: The AHJ should know the local water sources, and which ones are seasonal etc., better than the designer. The AHJ should be the one approving the water source before the design takes place saving the owner both time and money.

24- Log #15 AUT-PRI
(5.9.4)

Final Action:

Submitter: Scott Adams,

Comment on Proposal No: 24-13

Recommendation: Reconsider the original proposal and accept.

Add text as follows:

5.9.4 Drainage.

5.9.4.1 The pipe between the check valve and the outside hose coupling shall be equipped with an approved automatic drip.

5.9.4.2 The approved automatic drip where required shall be accessible for inspection and maintenance.

Substantiation: We agree with the negative of Ms Glumac. If you require valve or other components that require inspection, testing and maintenance they need to be accessible.

24- Log #7 AUT-PRI
(5.9.4.2 (New))

Final Action:

Submitter: David R. Hague, Liberty Mutual Commercial Markets

Comment on Proposal No: 24-13

Recommendation: Add new text to read as follows:

5.9.4.2 The automatic drip shall be installed in a location that permits inspection and testing as required by NFPA 25 and to reduce the likelihood of freezing.

Substantiation: Removes unenforceable language from the proposed text.

24- Log #8 AUT-PRI
(5.9.4.2 (New))

Final Action:

Submitter: Technical Correlating Committee on Automatic Sprinkler Systems,

Comment on Proposal No: 24-13

Recommendation: The TCC directs the TC to consider dropping the term "readily" or provide alternate language to better define "readily accessible" without using ambiguous wording.

Substantiation: This is a direction from the Technical Correlating Committee on Automatic Sprinkler Systems in accordance with 3.4.2 and 3.4.3 of the Regulations Governing Committee Projects.

24- Log #9 AUT-PRI
(6.2.1)

Final Action:

Submitter: Kenneth E. Isman, National Fire Sprinkler Association

Comment on Proposal No: 24-16

Recommendation: Reject Proposal 24-16.

Substantiation: The use of listed indicating valves is important. The non-indicating tapping sleeve and valve indicated in the substantiation of the proposal is usually not accessible and should not be relied upon as the method of isolating the underground pipe.

24- Log #1 AUT-PRI
(6.6.1)

Final Action:

Submitter: Peter T. Schwab, Wayne Automatic Fire Sprinklers, Inc

Comment on Proposal No: 24-20

Recommendation: Delete text to read as follows:

~~6.6.1 Large, private, fire service main systems shall have sectional controlling valves at appropriate points to permit sectionalizing the system in the event of a break or to make repairs or extensions.~~

Substantiation: This section is riddled with unenforceable text and does to provide any definable code language. This is a minimum standard and at best this is annex language.

24- Log #16 AUT-PRI
(6.6.1)

Final Action:

Submitter: Bill Galloway,

Comment on Proposal No: 24-20

Recommendation: Accept the proposal as originally submitted

Modify as follows:

6.6.1 ~~Large~~, Private, fire service main systems 500 ft or longer shall have sectional controlling valves ~~at appropriate points~~ to permit sectionalizing the system in the event of a break or to make repairs or extensions.

Substantiation: The current language is unenforceable and provides no guidance to the AHJ, designer or contractor. The current language also appears to clearly conflict with the Manual of Style section 2.2.3.1 in that “Codes and standards shall state specific criteria that minimize the judgment required by the users.” This is clearly not the case with the current language in that it requires judgment by the user. The proposed language would address the vague aspects of this section by providing guidance to the users of the code.

24- Log #19 AUT-PRI
(8.2.2)

Final Action:

Submitter: John Chartier, Northeastern Regional Fire Code Development

Comment on Proposal No: 24-24

Recommendation: Revise 8.2.2 by modifying the text as follows:

8.2.2 Hydrants within hose houses shall be located ~~as close to the front of the house as possible and still allow sufficient room in the back of the doors for~~ in a manner acceptable to the authority having jurisdiction that will allow room for stowing the hose gates and the attached hose.

Substantiation: “As close as possible” and “sufficient” are unenforceable terms and therefore could lead to inconsistent application. In its rejection of the proposal, the TC states in its Statement that this is “a decision to be made by the AHJ”.

24- Log #10 AUT-PRI
(10.1.4)

Final Action:

Submitter: Kenneth E. Isman, National Fire Sprinkler Association

Comment on Proposal No: 24-27

Recommendation: Reject Proposal 24-27.

Substantiation: There is no guidance on how to comply with this requirement. The requirement applies to non-metallic pipe, but the substantiation only mentions AWWA C900 and C905, which apply to PVC pipe. So, does this new requirement also apply to CPVC, which is manufactured to a completely different standard?

24- Log #4 AUT-PRI
(10.5.5 (New))

Final Action:

Submitter: Phillip A. Brown, American Fire Sprinkler Association, Inc.

Comment on Proposal No: 24-30

Recommendation: Add new text to read as follows:

10.5.5 Where underground pipe is installed aboveground, it shall be listed for exposed conditions and comply with the requirements of Chapter 12.

Substantiation: PVC pipe is not listed for aboveground installations nor for being installed in grated trenches. It is not uncommon for the underground PVC to be stubbed up through the floor as the transition piece for the sprinkler riser.

24- Log #17 AUT-PRI
(10.5.5 and 10.5.6)

Final Action:

Submitter: Brian Larkin, Tyco Thermal Controls

Comment on Proposal No: 24-30

Recommendation: Accept proposal 24-30:

10.5.5 Where underground piping must be installed in areas subject to freezing, listed heat tracing shall be permitted to be used for protection from freezing, provided that it is installed and insulated in accordance with the manufacturer's specifications.

10.5.6 Where listed heat tracing systems are used, they shall be supervised.

Substantiation: I respectfully request that the committee reconsider their decision and accept this proposal.

Self-regulating heating cables can be approved for buried pipe applications as shows in the attached UL test report and installation manuals.

This comment is being submitted by the Tyco Codes and Standards Task Group.

Note: Supporting material is available for review at NFPA Headquarters.

24- Log #20 AUT-PRI
(10.6.1)

Final Action:

Submitter: John Chartier, Northeastern Regional Fire Code Development

Comment on Proposal No: 24-31

Recommendation: Revise 10.6.1 by modifying the text as follows:

10.6.1 Pipe shall not be run under buildings, unless approved otherwise.

Substantiation: The special precautions outlined in 10.6.2. is not all inclusive. In fact, it states that the precautions are "not limited to" those mentioned. If pipe will be run under a building, it should only be done so in an approved manner.

24- Log #13 AUT-PRI
(10.6.3.1)

Final Action:

Submitter: Kenneth E. Isman, National Fire Sprinkler Association

Comment on Proposal No: 24-32

Recommendation: Revise section 10.6.3.1 to read as follows:

"10.6.3.1* The requirements of 10.6.2(2) and 10.6.2(3) shall not apply where fire service mains enter under the building no more than 10 ft as measured from the outside edge of the building to the center of the vertical pipe."

Then delete the first sentence of the proposed annex.

Substantiation: By reordering the text, it makes more sense. The information on how to measure the 10 ft is critical to enforcement, so it should be in the body of the standard, not the annex.

This was agreed to at the April 2011 meeting of the E&S Committee.

24- Log #11 AUT-PRI
(Figure 10.10.1)

Final Action:

Submitter: Kenneth E. Isman, National Fire Sprinkler Association

Comment on Proposal No: 24-35

Recommendation: Insert the information in the form as accepted in the ROP.

Substantiation: The form is not shown correctly in the ROP or in the preprint of NFPA 13 even though the proposal was accepted.

24- Log #12 AUT-PRI
(10.10.2.1.3)

Final Action:

Submitter: Kenneth E. Isman, National Fire Sprinkler Association

Comment on Proposal No: 24-37

Recommendation: Do not make the changes in proposal 24-37. Instead, make the following changes:

1. Revise 10.10.2.1.3(2) to read, "10.10.2.1.3(2)* Flow ~~necessary to provide a velocity of 10 ft/sec (3.1 m/sec.)~~ in accordance with Table 10.10.2.1.3."
2. Revise Table 10.10.2.1.3 to add the word "Nominal" before "Pipe Size" in the column heading.
3. Add 2 inch, 3 inch and 5 inch sizes to Table 10.10.2.1.3

****Insert Table 10.10.2.1.3 Here****

4. Insert an annex note to read, "A.10.10.2.1.3(2) The velocity of approximately 10 ft/sec (3.1 m/sec.) was used to develop Table 10.10.2.1.3 because this velocity has been shown to be sufficient for moving obstructive material out of the pipes. It is not important that the velocity equal exactly 10 ft/sec (3.1 m/sec.) so there is no reason to increase the flow during the test for slightly different internal pipe dimensions. Note that where underground pipe serves as suction pipe for a fire pump, NFPA 20 requires greater flows for flushing the pipe."

Substantiation: The committee placed too much attention to calculating a flow velocity of 10 ft/sec in the ROP, which is not a critical variable and cannot be measured with such accuracy in the field. The Table currently in NFPA 24 has served the industry well for a long time and does not need to be changed.

The reference to achieving a flow velocity of 10 ft/sec is evidently what some AHJ's are pointing to in wanting slightly higher flows for different inside diameters of pipe, so we should just remove that portion of the rule. It is not important to flow exactly enough water to achieve exactly 10 ft/sec. It is more important to flow a bunch of water through the pipe. The table can contain minimum values and the annex can explain how they were calculated.

A sentence was added to the annex note as a warning to the user because NFPA 20 does require higher flows to flush underground suction pipe.

This comment was agreed to at the April 2011 E&S Meeting.

24- Log #2 AUT-PRI
(A.10.3.2 (New))

Final Action:

Submitter: Peter T. Schwab, Wayne Automatic Fire Sprinklers, Inc

Comment on Proposal No: 24-40

Recommendation: Add new text to read as follows:

A.10.3.2 The fittings and couplings do not need to be listed specifically for underground use.

Substantiation: This comment reflects the committee's statement from the ROP.

Table 10.10.2.1.3			
<u>Nominal Pipe Size</u>		Flow Rate	
in.	mm	gpm	L/min
<u>2</u>	<u>51</u>	<u>100</u>	<u>379</u>
<u>2-1/2</u>	<u>63</u>	<u>150</u>	<u>568</u>
<u>3</u>	<u>76</u>	<u>220</u>	<u>833</u>
4	102	390	1476
<u>5</u>	<u>127</u>	<u>610</u>	<u>2309</u>
6	152	880	3331
8	203	1560	5905
10	254	2440	9235
12	305	3520	13323

291- Log #1 AUT-PRI
(4.13.1, 4.13.2, and A.4.13.1 (New))

Final Action:

Submitter: David R. Hague, Liberty Mutual Commercial Markets

Comment on Proposal No: 291-4

Recommendation: Add new text to read as follows:

4.13.1* Fire hydrants should be flow tested every five years to verify capacity and marking of the hydrant.

A.4.13.1 When flow test data is needed, such data should not be more than 5 years old since conditions in the piping and system demands can change. It is not the intent of this section to require routine 5 year testing of each hydrant if there is no immediate need for flow test data or if test data less than 5 years old is available from an adjacent hydrant on the same grid.

4.13.2 Fire hydrants should be flushed at least annually to verify operation, address repairs, and verify reliability.

Substantiation: Proposal 291-4 was written with mandatory language which is not appropriate for a recommended practice. However, the proposed language has merit. Consistent with ISO, as indicated in the technical substantiation of the proposal, Liberty Mutual engineering standards will not recognize flow test data older than 5 years and in some cases flow testing is required more often. Hydrants should be tested at least every five years to verify capacity and color coding only when flow test data is needed. It is not the intent of this

comment to require periodic 5 year flow testing unless such data is needed or if test data is available from a nearby hydrant on the same grid or loop. Water supply test results older than five years should not be trusted since the condition of the water supply can change drastically in that period of time.

Annual flushing of hydrants should be completed routinely to clear debris from the hydrant barrel and to verify that dry-barrel hydrants drain properly, particularly when located in cold climates.

The Technical Committee rejected the proposal stating that the proposed language falls under the scope of NFPA 25. NFPA 25 does not address public water supply systems. Chapter 7 (Private Fire Service Mains) of NFPA 25: states: "7.1 This chapter shall provide the minimum requirements for the routine inspection, testing and maintenance of private fire service mains and their appurtenances."

Chapter 7 of NFPA 25 is based on the systems installed under the scope of NFPA 24 "Standard for the Installation of Private Fire Service Mains and Their Appurtenances".

The proposed language, in non-mandatory form, is appropriate for inclusion in NFPA 291.

This is not original material; its reference/source is as follows:

Language was taken from the ROP, proposal 291-4.