Members are urged to review the following references:
- *Firefighting Procedures, Engines 1*, chapter 9, Standpipe Operations.
- Standpipe Systems--The Basics, by Battalion Chief Gerald Tracy and then-Lieutenant Thomas Meara, in the 2nd/ and 3rd/2000 issues of *WNYF*.
- FDNY DVDs, Fighting Wind-Driven Fires in High-Rise Multiple Dwellings, volumes I and II.
- AUC 273, Pilot Programs--Equipment/Apparatus and Addendum 345, Lightweight Standpipe Hose.
- *Basic Engine Operations*, chapter 7, section 7.21.

basement or cellar. To bypass the basement or cellar, FDNY members can isolate a standpipe riser using the riser control valve and supply the first-floor outlet directly.

2. When possible, the location of the first-floor outlet and riser control valve of the attack stairs should be sized up and the engine company chauffeurs should be prepared to isolate and supply it in the event of a water loss in the system.

- ***Exterior stretches***--In such cases, this is an unexpected failure of the standpipe system. Units already will be in the building, typically on the floor below with their hose, when the situation is realized. Lowering a line is a quick way of getting water on the fire. (See sidebar on outside standpipe stretch on page 17.) Photo #1 shows a 2 1/2-inch hose-line from the seventh-floor window. The hose was lowered from the front of the building (apartment 702). The fire apartment was in the back of the building (apartment 810). Photo #2 shows hose strap securing hose.
- When performing this operation, the area below the lowering point should be marked off as a *Danger Zone*. This becomes more important as the height increases. Seven lengths on the exterior of a building would weigh more than 1000 lbs. A length of charged 2 1/2-inch hose reveals a weight of 150 lbs., after the weight of the fittings is subtracted. (See Photos #3 and #4.)
- Depending on the height of the stretch, consider periodically bringing the hose in one window on an intermediate floor and then out another to relieve strain on it.
- An IC must be able to quickly change tactics as conditions dictate. In this case, the exterior 2 1/2-inch stretch extinguished the fire. From the time this line was ordered lowered, until the fire was extinguished, totaled approximately nine minutes.

Conclusion

This particular evolution assumes that members are ready at the point of operation. When it is determined that the standpipe is not functioning, FDNY members will innovate--using tools and equipment they have--to address the adverse situation.

About the Authors...

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Taking Up

January-March 2011

Battalion Chiefs

John J. McDonnell (2)	Battalion 11
Michael O'Brien (1)	Battalion 42
Thomas W. O'Neill	Battalion 47

Captains

Eugene J. Dauria	Division 3
Steven J. Dolan	ADMOP
Sean M. Giery	Division 6
Kevin J. Kalb	Ladder 107
David K. Malone	Engine 222
Dennis H. McSweeney	Engine 218
James M. Newman	Engine 247
Richard L. Quinn	Ladder 3
Philip C. Ruvolo (2)	Rescue 2

Supervising Fire Marshal

Bernard J. Santangelo	Brooklyn Base

Lieutenants

James K. Barrett	Ladder 25
Andrew F. Beck	Ladder 121
David C. Bengyak	Ladder 127
Kieran M. Brosnan	Engine 79
James P. Bruno	Battalion 10
Robert C. Crowe	Battalion 2
Gerard M. Curran	Ladder 147
Richard P. Doody	Ladder 84
John J. Eccleston	Ladder 79
John W. Hands	Ladder 55
Kevin G. Judge	Battalion 32
Peter M. Lusenskas	Ladder 162
Michael J. McMenemon	Ladder 41
Thomas E. McNamara	Engine 58
Joseph F. Neubauer	Ladder 107
David A. Pollock	Engine 94
Robert C. Speck	Ladder 127
Daniel R. Walker	Ladder 8

Fire Marshal

Kenneth E. Bohan	ADMBFI

Firefighters

Brian K. Ahr	Ladder 166
Richard Baratta	Engine 161
Albert F. Barry	Engine 65
Thomas B. Brennan	Ladder 164
Charles A. Buser	Ladder 176
Pasquale M. Caggiano	Ladder 129
Brian P. Carlstrom	Engine 304
Robert J. Casatelli	Ladder 148
Robert C. Castelli	Ladder 84
William Conlon, Jr.	Engine 303
Lawrence Cooke	Engine 313
Rocco F. Corrado	Engine 307
Brian M. Corrigan	Engine 14
Kevin M. Delehanty	Engine 273
Michael A. DePaola	Ladder 149
Stephen G. Duffy	Ladder 49
Thomas E. Dutton	Ladder 31
Philip Ercolano	Engine 273
Ralph S. Esposito	Engine 80
Donald A. Filete	Engine 221
David M. Forland	Engine 307
Giancarlo Gomez	Ladder 18
Scott F. Grubert	Ladder 46
Kenneth C. Gustavson	Ladder 30
Roger G. Hagan	Engine 79
John J. Helrigel	Marine Division
James P. Irving	Engine 326
Ciro V. Izzo	Engine 45
Thomas J. Jasinski	Ladder 173
Nathaniel Johnson	Ladder 130
Jeffrey A. Jones	Battalion 1
Robert G. Karnay	Ladder 151
Salvatore Lignore	Engine 38
Stephen C. Love	Engine 239
Robert E. Mahon	Engine 42
Charles C. Maloney	Ladder 18
Michael A. Marx	Ladder 144
Thomas J. May, Jr.	Engine 328
Hugh E. McCarron	Battalion 26
Kenneth McNiff	Ladder 30
Michael D. Moore	Ladder 39
James W. Morris	Haz-Mat 1
Dennis M. Pace	Ladder 102
Patrick A. Parisi	Engine 247
William R. Pedersen	Marine 6
Frederick S. Perry	Ladder 135
Michael J. Price	Engine 9
Michael L. Rehberg	Ladder 172
William J. Reid	Ladder 111
Christopher J. Rizzo	Engine 163
Richard J. Rocco	Engine 316
Edward J. Rzempoluch, Jr.	Ladder 15
Rudy J. SanFilippo, Jr.	Engine 258
Ralph J. Scerbo	Battalion 51
Thomas E. Schecker	Battalion 37
Christopher P. Schroeder	Ladder 34
Michael J. Schumacher	Engine 266
Richard D. Shannon	Ladder 111
Joseph L. Stavola	Battalion 39
Thomas F. Sullivan	Marine 1
Michael J. Toal	Ladder 20
Steven M. Tonrey	Ladder 149
Brian K. Watson	Engine 38
Derek S. Wilson	Ladder 12