



Subcommittee for Codes & Standards Liaison (SCCSL)

NFPA Working Group

Meeting Report – February 14, 2017

Present: Josh Greene (Working Group Leader), Paul Nordmeier, Jared Thibodaux, and Chris Jelenewicz (Staff).

The following was discussed:

- **Spreadsheet** – Since the last working group meeting code change proposals were issued SFPE Headquarters' for:
 - 1st drafts -- NFPA 14, 69, 551, & 914
 - 2nd Drafts -- NFPA 92, 101, 204, 259 & 5000
- **Scope for working group** – Josh reminded the working group that the purpose of the working group is to evaluate NFPA standards to determine what documents should reference SFPE technical documents. The working group will also look at finding ways to get the risk assessment performance-based design methodologies into the standards. Specifically, it was agreed that the working group will focus on standards that are scheduled in the near future for “first draft” comments.
- **Standards w/ first draft comments due 6/28/17** – It was noted that the following standards are soliciting first draft public input that are due June 28, 2017:
 - **NFPA 25 (Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems)** – Working group will determine if performance-based testing methodologies are established in the existing standard.
 - **NFPA 130 (Standard for Fixed Guideway Transit and Passenger Rail Systems)** – The spreadsheet needs to be updated. CJ will update based on comments from Josh.
 - **NFPA 502 (Standard for Road Tunnels, Bridges, and Other Limited Access Highways)** – It was noted that the document does not reference any SFPE

documents. The new edition of the SFPE handbook has good data on establishing fire scenarios for tunnels that should be referenced.

- **NFPA 556 (Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles)** – Nothing to report.
- **NFPA 557 (Standard for Determination of Fire Loads for Use in Structural Fire Protection Design)** -- The SFPE Standard S.01 (Fire Exposures to Structural Members) is looking at this standard and will submit any proposals as needed.
- **NFPA 654 (Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids)** – Nothing to report.

Working group members were asked to review the above listed standards and develop comments and suggestions related to SFPE technical document inclusion prior to the next meeting. Those comments/suggestions are requested to be sent to Josh & CJ prior to the next meeting and will form the basis for discussion.

- **Next Meeting** – The next Working Group meeting will be held in early March. CJ will schedule via a Doodle Poll.

End of Report

SFPE Technical Documents

Standards

????—Standard #3 – Standard on Design Fires (Under development)

2015 – Standard #2 -- Engineering Standard on Calculation Methods to Predict the Thermal Performance of Structural and Fire Resistive Assemblies

2011 – Standard #1 -- Standard on Calculating Fire Exposures to Structures (Currently Under Revision)

Guides

2013 – Engineering Guide: Fire Safety for Very Tall Buildings (Published by ICC)

2011 – Guide #6 -- Guidelines for Substantiating a Fire Model for a Given Application

2009 – Position Statement 03 -- Guidelines for Peer Review in the Fire Protection Design Process

2007 – Performance-Based Fire Protection, 2nd Edition (Published by NFPA)

2007 – Predicting Room of Origin Fire Hazards

2006 – Guide #4 -- Fire Risk Assessment (Currently Under Revision)

2004 – Fire Exposures to Structural Members

2004 – Code Officials Guide to Performance-Based Design Review (Published by ICC)

2003 – Human Behavior in Fire (Currently Under Revision)

2002 – Piloted Ignition of Solid Materials Under Radiant Exposure

2002 – Evaluation of the Computer Fire Model DETACT-QS

2000 – Engineering Guide to Predicting 1st and 2nd Degree Skin Burns

1999 – Engineering Guide to Assessing Flame Radiation to External Targets from Liquid Pool Fires

Other Documents

A current listing of other SFPE documents that are not standards/guides, can be found at: <https://sfpe.site-ym.com/?StandardsLibrary>.