

SFPE Standards-Making Committee on Design Fire Scenarios

Meeting Report -- November 5, 2014

Present: Beth Tubbs (Chair), Jason Butler, Charles Fleischmann, Jason Floyd, Craig Hofmeister, M.C. Hui, Brian Meacham, Collen Wade and Chris Jelenewicz (Staff).

The following was discussed:

The Task Group reviewed the work that was completed so far by the SFPE Human Behavior Task Group in regards to tenability. The Task Group agreed that the standard should not overlap with the new Human Behavior Guide. It was suggested that the tenability section be used as an annex in the standard.

It was suggested that some sort of group recommend the exposure limits that should be used in the standard. It was noted that a previous SFPE Task Group looked at exposure limits, however, the document was not approved by the SFPE Technical Steering Committee. Jelenewicz will see if he can find information about this document.

The Task Group also reviewed NRC report <http://www.nrc.gov/reading-rm/doc-collections/nuregs/contract/cr6850/>. It is an approach that was taken by a different organization that lays out a framework to assist the Task Group in developing design fire scenarios.

There was also a discussion about what should be in the standard and what should be in the annex. It was noted that the Task Group should ensure that the document is usable by the practicing engineer. It was recommended that direct discussion should be in the text but the details in the annex material. It was also suggested that the content in the annex could be provided as commentary in a separate document. However, the Task Group needs to make a priority of generating this commentary. It was decided that the Task Group would keep moving forward developing content and the decision of what goes in the standard would be decided later.

It was also recommended that the document be flexible so the designer does not get stuck with a single design fire.

The Task Group will move forward in drafting the design fire scenarios and design basis fire tables.

Fleischmann and his group will work on the Tables for hospitals and hotels. Beth Tubbs and her group will work on finishing the Table on Business Use.

Tubbs will start generating a list of occupancies/uses that will be used in the document.

Jason Floyd will start a draft on the framework that will be used to develop building specific design fire scenarios.

The different groups should aim to complete their work before December 12.

The next meeting will be scheduled for December 17/18.

- **End of Report** -