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AAMA SMOKE VENT TASK GROUP FIRE MODELING STUDY

AAMANet.work newsletter-Summer 2006:

"To concretely demonstrate the value of S&HV in terms of property protection, occupant safety, firefighter safety, and firefighter effectiveness, AAMA's Smoke Vent Task Group (SVTG) has inked a contract with Hughes and Associates to conduct Large Eddy Simulation (LES) and Computational Fluid Dynamics (CFD) studies in cooperation with the University of Maryland and the National Institute of Standards and Technology. Test results will provide data for an optimized S&HV design approach suitable for inclusion in Chapter 8 of NFPA 204, "Guide for Smoke and Heat Venting," or in model building codes."

AAMA Smoke Vent Task Group Conference Call Minutes-March 24, 2009:

"There is a concern regarding the inability of C. Beyler [Hughes Associates, Inc.] to defend the Modeling Study, and specifically, the Fire Dynamics Simulator (FDS), after it was attacked by R.Schulte as a tool that has not been validated."

"The concern remains that if C. Beyler is not willing to support the \$100K SVTG Modeling Study, then the study is worthless. The members questioned why no other groups, organizations, or Fire Protections Engineers have come forward to defend the FDS program, particularly, Kevin McGratten [McGrattan], from NIST, who wrote the original version of FDS, and has been intimately involved in it since its development. B.Sampson will contact K. McGratten [McGrattan] to obtain his thoughts on this."

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