



**Consideration of Public Comments**

**Project 5: Reconstruction of the Thermal  
Environment**

**Richard G. Gann  
William M. Pitts (Presenting)**

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**National Institute of Standards and Technology  
Technology Administration  
U.S. Department of Commerce**

# Nature of Comments

- ❑ Very few received
- ❑ Editorial
  - ❑ Label fire loads as “combustible fire loads”
  - ❑ Explain the “soffit” at the core in the Case B, D simulations
- ❑ Related Comments
  - How commenter did smoke plume calculations
  - How commenter did fire simulations
  - Add thickness requirements per ASTM E605 (none included in the standard)
  - Tabulation of smoke puffs, jet fuel fireballs

# Changes to Reports

- ❑ Multiple editorial changes
- ❑ Extended Case D (WTC 2, thinner SFRM than WTC 1, more severe fire) for 3 h, past burnout of fuel
  - Determine whether longer fire time resulted in larger area of overheated structural members in areas with intact SFRM
  - Result only modestly different from simulation that ended at the collapse time of WTC 2
  - Enabled strengthened statement that, if the insulation had not been displaced, the structure would not have been seriously heated by the severe fires