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75 FR 61521

(2)

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SUBJECT: Docket ID NRC-2010-0316RULES AND DIRECTIVES
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xv	Rename "Micro-Scale Calorimetry" to "Micro-Combustion Calorimetry" consistent with the acronym "MCC".
15	Seems as if Cable No. 701 was the only thermoplastic sample tested. Was there a reason for this?
90	The conclusion that typical thermoset cables burn at a rate of 150 kW/m ² and thermoplastics burn at a rate of approximately 250 kW/m ² does not seem to have good agreement with NUREG-6850 which presents data that averages to 350 kW/m ² for thermoplastic cables and 327 kW/m ² for thermoset cables. This is in contrast to the statement suggesting good agreement in Section 7.4.
126	Is there a reason why Cable #: 367 was not included in the first series of the multiple tray experiments?
143	Would it be appropriate to add the following assumptions to the FLASH-CAT model based on experimental observations: <ol style="list-style-type: none"> 1) Cable trays are stacked less than 18 inches from each other vertically. 2) Cable trays are not densely loaded. Experimental observations in the report have indicated that both of these variables have a significant impact on vertical fire spread. Page 163 of the report addresses some of these issues.
General	There are testing observations that could have a significant impact on the current fire scenario development for cable tray fire propagation. Specifically, the impact of cable tray loading (density) and spacing on vertical flame spread. The executive summary / abstract could benefit from highlighting some of these observations if they prove to be more than just an anomaly.

SONSI Review Complete
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