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To: ICC-ES Evaluation Committee
From: Brian Gerber
Date: June 10, 2010
Subject: Acceptance Criteria for Fiber-reinforced Polymer Composite Systems Used to Form a Lateral Force-resisting System for Wood- or Cold-Formed Steel Framed Shear Walls, Subject AC416-0610-R3 (BG/NH)

MEMO

In response to the request for public comments in our May 13, 2010, staff letter on the subject criteria, we received a letter from Rutherford and Chekene, dated June 1, 2010. The staff has reviewed the letter and offers the following observations:

1. The letter provided a detailed review of the proposed AC232 along with some revisions to improve compatibility with ASCE 41-06 and clarify certain sections. The proposed revisions are considered to be acceptable to the staff and public input is welcome on their possible inclusion in AC416.

In the comments on Section 3.4, it was noted that the Method C in ASTM E 2126 was originally not intended for evaluation of wall constructions in near-fault locations. It is not clear whether a testing protocol suitable for testing light frame wall performance in near-fault locations is readily available, or whether opinions have changed on the appropriateness of Method C for near-fault installations. Staff seeks public input on this issue.

The requests for clarification will need to be reviewed to determine whether revisions are needed to the acceptance criteria.