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To: ICC-ES Evaluation Committee

From: Jason Smart, ICC-ES Staff

Date: June 10, 2010

Subject: Proposed Revisions to the ICC-ES Acceptance Criteria for Structural Wood-based Products, Subject AC47-0610-R1 (JS/KS)

MEMO

In response to the request for public comments in the May 13, 2010, staff letter on the subject, a letter dated June 6, 2010, was received from Borjen ("B.J.") Yeh, Ph.D., P.E., Director, Technical Services Division, APA.

After considering the comment provided in the aforementioned correspondence, ICC-ES staff believes that the following additional revision should be made to the draft of AC47 proposed under cover of the May 13, 2010, staff letter:

- Add a new subsection to Section 3.7 as follows:

3.7.3 For thermally modified hardwood, tests shall be conducted to verify that the specified spacing of nails of various diameters is adequate to prevent splitting. Details of the testing shall be discussed with ICC-ES staff prior to the tests' being conducted.

This proposed new language is similar to the provisions currently given in Section 3.8.5 of AC47.

Additionally, staff believes a new subsection should be added regarding code requirements for decay and termite resistance, as follows:

3.7.4 If recognition is sought for use in applications requiring protection against decay and termites, the requirements of IBC Section 2304.11 and IRC Sections R317 and R318 shall be met. Details of the testing program shall be discussed with ICC-ES staff prior to the tests' being conducted. If recognition is not sought for use in such applications, the evaluation report shall include installation requirements and/or limitations on use, such that protection against decay and termites is not required in accordance with IBC Section 2304.11 and IRC Sections R317 and R318.

As noted in the staff letter dated May 13, 2010, a definition of "thermally modified wood" needs to be added to the criteria, along with the purpose for the treatment. Staff seeks input regarding appropriate language for this definition.