

Jim Long
Commissioner of Insurance
State Fire Marshal



MANUFACTURED BUILDING DIVISION

January 5, 2000

Mr. Lon Larson
Manufactured Housing Foundation Systems
562 Glenheather Dr.
San Marcos, CA 92069

re: Adjustable Outrigger and Adjustable Mating Line Floor Brace

Dear Mr. Larson:

Thank you for submitting information and Test Reports (Project #'s 99-014-01, 99-014-03, and 99-014-04) by Edward M. Salisbury, P.E. on the Adjustable Outrigger and Adjustable Mating Line Floor Brace. After review of this data, the NC Department of Insurance, Manufactured Building Division will allow use of the Adjustable Outrigger *in addition* to the manufacturer's required pier support in all cases. However, on Page 2 of the Test Report for Project # 99-014-03, Mr. Salibury states:

"If a manufacturer wishes to allow the adjustable outrigger in lieu of a required pier for vertical load support, the manufacturer may do so and should consider the effect of any change in the loading of the main rail by this substitution in its installation instructions." (italics added)

For use of the Adjustable Outrigger *in lieu* of required pier support, the manufacturer must indicate acceptance of this substitution as part of the official installation instructions. Otherwise, use of the Adjustable Outrigger will not be permitted.

Similarly, for the Adjustable Mating Line Floor Brace, on Page 3 of the Test Report for Project # 99-014-04, Mr. Salisbury states:

"This Adjustable Floor Brace system could change the loading on the main rail near the mating line. The home manufacturer should consider the effect of any change in the loading of the main rail by this substitution of an Adjustable Floor Brace for a ground pier in its home installation instructions." (italics added)

Therefore, it is the position of the Manufactured Building Division that any use of the Adjustable Floor Brace system *in lieu* of mating line piers will be acceptable *only if substantiated in the manufacturer's installation instructions.*