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September 14, 2007

Mr. Michael Khalil
Krannich Solar USA
Hainesport Business Complex
3226 Sylon Boulevard
Hainesport, NJ 08036

RE: Krannich Solar USA
Calculation for K2 Mounting System
H4611.02

Dear Mr. Khalil,

Attached is the Krannich Solar K2 Mounting System and Light Rail worksheet.

We have calculated the design wind uplift pressures for a solar panel array (with a single solar panel dimension of three feet by five feet), based upon a range of parameters typically associated with low-rise residential structures. From these wind pressures, we have calculated the maximum connector spacing of the K2 mounting and light rail system, based upon the strength of the rail and the capacity of the rail anchorage into conventional wood roof framing.

The calculations are based upon:

1. "International Building Code, 2006 Edition" and ASCE/SEI 7-05 "Minimum Design Loads for Buildings and other Structures."
2. "National Design Specification for Wood Construction, 1997 Edition" and the "National Design Specifications for Wood Construction Supplement, 1997 Edition."
3. "Specifications for Aluminum Structures", the Aluminum Association.

With this letter, we certify that the Krannich Solar K2 Mounting System and Light Rail will meet the requirements of the Building Code when fastened at the spacings shown in the attached worksheet. Please note that our analysis does not extend to the structure onto which the rail is attached, and therefore we recommend that the existing structure be evaluated on a case-by-case basis.

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