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ROHN Industries, Inc.

7th of February 2002

Thomas E. Nelson
24 Stickney Hill Road
Union, CT 06076

Reference: Guyed Tower Design

Dear Mr. Nelson,

Guyed towers provided by ROHN are designed in accordance with ANSI/TIA/EIA-222-F Standards for specified wind and/or ice loads.

In the event an extreme wind speed were to occur, a failure would not be expected to occur the instant the design wind speed was exceeded. All tower members would be designed to support a minimum of 1.25 times their design load without permanent deformation.

Many concerned authorities and citizens have asked the question, "within what distance from the base of the tower (fall radius) would the structure fall under a catastrophic wind or ice loading?" As with any structure, the final position after collapse would be impossible to predict. However, within a reasonable degree of engineering certainty, assuming all guys remain intact, the referenced tower would most likely fail by buckling. A collapse due to such failure would most likely fall within a distance from the base equal to one-third to one-half the height of the structure.

Please contact us at your convenience should you have further questions concerning the safety of tower or other aspects of tower design.

Sincerely,

Thomas W. Schepke, P.E.
Engineering Administrator

cc: ATC – Salem, OR
Tim Rohn