N E L L O

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June 26, 2026

Horvath Communications, Inc.
312 W. Colfax Ave.
South Bend, IN 46601

Re: Nello Tower Fall Radius - Nello 170', NTP Tower
Project Name: HV1768 Lincoln Street (43.000042, -85.84309)
Nello Job #: RFQ 105456

To Whom It May Concern:

This letter is regarding your inquiry about the expected performance of your proposed tower that will be quoted by Nello based on site-specific criteria.

Our towers are designed to meet or exceed industry standards defined by TIA-222-H, "Structural Standards for Antenna Supporting Structures and Antennas" (TIA Standard). It is our opinion that the possibility of a tower collapse is very unlikely. The tower is designed using extreme wind and ice conditions. In fact, wind speeds specified by the TIA Standard are 50-year wind speeds. That is, they have only a 2% statistical chance of occurring in any given year.

This tower will be designed using the following wind conditions as a minimum: a 106 mph 3-second gust wind speed with no ice and a 40 mph 3-second gust wind with 1.5" ice. The TIA Standard specifies 106 mph as the wind speed required for Ottawa County, MI. The "3-second gust wind speed" refers to a wind measured at 33 feet above the ground. Equations in the TIA Standard take into account that wind speed escalates with increasing height of the tower.

Although we cannot guarantee exactly how a tower would fall if it were to fail, the most likely mode of failure would be a buckling failure of one of the tower sections due to excessive wind loading. Nello will design the tower to stay within a fall radius of 0 feet based on design stress levels in accordance with the TIA-222-H Standard and the currently adopted IBC.

The fall radius statement above assumes proper foundation construction and tower installation. The foundation design should be reviewed to ensure that no foundation limit state governs the entire structural system and negates the fall radius design. The fall radius expectancy requires that the foundation be designed with a capacity greater than that of the tower capacity. If the foundation design used in association with this tower is performed by a third party, then Nello must be provided the opportunity to review the design in order to confirm that the fall radius remains satisfactory. If for some reason Nello does not provide the tower design or is not given the opportunity to design or review the foundation for this specific project then the content of this letter becomes void.

We hope this has given you a greater degree of comfort regarding the design of your structure. If you have any other questions or concerns regarding the design of your site-specific tower, please contact our engineering or sales department.

Sincerely,

Jason Lambert

Jason M. Lambert, PE
Vice President of Engineering
Nello