## ROBINSON & COLELLP

KENNETH C. BALDWIN

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## CONNECTICUT SITING COUNCIL

January 14, 2011

David Martin Siting Analyst Connecticut Siting Council 10 Franklin Square New Britain, CT 06051 ORIGINAL

Re:

EM-VER-008-100222— Cellco Partnership d/b/a Verizon Wireless 93 Old Amity Road, Bethany, Connecticut

Dear Mr. Martin:

On April 5, 2010, the Siting Council acknowledged receipt of Cellco's notice of intent to modify the above-referenced telecommunications facility. This modification involved the replacement of six of Cellco's existing antennas with six newer model antennas.

As a condition of this acknowledgement, Cellco was required to provide the Council with a signed letter from a Professional Engineer certifying that the tower reinforcement was completed in accordance with the modification plans and that the tower does not exceed 100% of its post-construction structural rating. Attached is a Tower Modification Certification Letter verifying these facts.

RC

If you have any questions regarding any of these materials, please do not hesitate to contact me or Rachel Mayo.

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Sincerely,

Kenneth C. Baldwin

Attachment Copy to:

Sandy M. Carter

Brian Ragozzine

Mark Gauger



## STATE OF CONNECTICUT

Bethany

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051 Phone: (860) 827-2935 Fax: (860) 827-2950 E-Mail: siting.council@ct.gov Internet: ct.gov/csc

April 5, 2010

Kenneth C. Baldwin, Esq. Robinson & Cole LLP 280 Trumbull Street Hartford, CT 06103-3597

RE: EM-VER-008-100222- Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 93 Old Amity Road, Bethany, Connecticut.

## Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- The tower shall be reinforced per page 2 of the structural analysis report dated December 1, 2009 and sealed by Raphael Mohamed, P.E.;
- The tower shall not exceed 100 percent of its post-construction structural rating; and
- Not more than 45 days after completion of construction, a signed letter from a Professional Engineer duly licensed in the State of Connecticut shall be submitted to the Council to certify that the reinforcements have been properly completed and the tower does not exceed 100 percent of its post-construction structural rating.

The proposed modifications are to be implemented as specified here and in your notice dated February 22, 2010, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure



and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

S. Derek Phelps

Executive Director

SDP/MP/laf

c: The Honorable Derrylyn Gorski, First Selectman, Town of Bethany Robert H. Brinton, Zoning Enforcement Officer, Town of Bethany American Tower Corporation



Centered on Solutions™

January 11, 2011

Mr. Mark Gauger Verizon Wireless 99 East River Drive East Hartford, Connecticut 06108

Re: Existing Telecommunications Facility Tower Modification Certification Letter

Project:

Verizon ~ Bethany

93 Old Amity Road Bethany, Connecticut

Tower Owner:

**American Towers** 

400 Regency Forest Drive Cary, North Carolina 27518

Engineer:

American Tower Engineering Services

400 Regency Forest Drive Cary, North Carolina 27518

Contractor:

Construction Services of Branford

63-3 North Branford Road, Branford, CT 06405

Centek Project No.: 10179.006

Dear Mr. Gauger,

We are providing this "Existing Telecommunications Facility Tower Modification Certification Letter" with regard to the antenna upgrade by Verizon Wireless at the above referenced project.

The following are the basis for substantiating compliance with the design documents prepared by American Towers Engineering Services:

- Review of the structural analysis report prepared by American Towers Engineering Services dated 12/1/2009.
- Review of the American Towers Engineering Services design documents dated 1/6/2010.
- Field observations by Centek personnel of coax cable installation on 1/5/2011 confirming compliance with the above referenced documents.
- Field observations by Centek personnel of tower reinforcement on 1/5/2011 confirming compliance with page 2 of structural analysis dated 12/1/09.
- With the implemented reinforcements the tower does not exceed 100 percent of its post-construction structural rating.

The work under this Contract has been reviewed and found, to the Engineer's best knowledge, information and belief, to be completed in general compliance with the documents referenced above.

Sincerely

Carlo F. Centore, PE

Principal ~Structural Engineer

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