

STATE OF CONNECTICUT

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

Daniel F. Caruso
Chairman

May 23, 2007

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

RE: **EM-VER-037-070508** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 71 Pleasant View Road, Derby, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on May 22, 2007, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated May 8, 2007, 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.

Very truly yours,

Daniel F. Caruso
Chairman

DFC/MP/laf

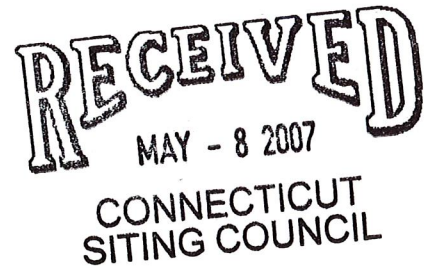
c: The Honorable Anthony Staffieri, Mayor, City of Derby
David Kopjanski, Building Official, City of Derby
National Grid Communications, Inc.
Christine Farrell, T-Mobile Inc.

EM-VER-037-070508

May 8, 2007

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051



Re: **Notice of Exempt Modification**
71 Pleasant View Road, Derby, Connecticut

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") intends to install antennas inside the existing 120-foot self-supporting flag pole tower owned by National Grid Communications ("National Grid") at 71 Pleasant View Road in Derby, Connecticut. Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, and pursuant to Siting Council directive a copy of this letter is being sent to Derby Mayor, Tony Staffieri and to St. Jude Roman Catholic Parish Church, owner of the property on which the tower is located.

The National Grid facility consists of a 120-foot self-supporting flag pole tower capable of supporting multiple carriers within a fenced compound at 71 Pleasant View Road in Derby. This tower is currently shared by T-Mobile at the 117-foot level. Cellco intends to install three (3) panel-type antennas at the 107-foot level on the tower and place a 12' x 30' equipment shelter at the base of the tower within the existing fenced compound. Attached behind Tab 1 are Project Plans for the proposed Cellco facility.

The planned modifications to the Derby facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).



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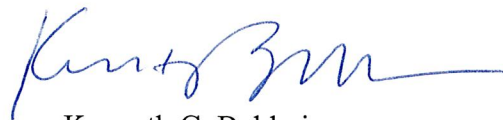
S. Derek Phelps
May 8, 2007
Page 2

1. The proposed modification will not increase the overall height of the existing tower. Cellco's antennas will be mounted with their centerline at the 107-foot level on the 120-foot tower.
2. The proposed installation of a 12' x 30' equipment shelter will not require an extension of the fenced compound or leased area.
3. The proposed installation will not increase the noise levels at the facility by six decibels or more.
4. The operation of the antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. The cumulative worst-case RF power density calculations for the T-Mobile and Cellco antennas would be 19.93% of the FCC standard. A copy of cumulative power density calculations table is attached behind Tab 2.

Also attached, behind Tab 3, is a Structural Letter confirming that the existing tower can support the existing and proposed antennas and associated equipment.

For the foregoing reasons, Cellco respectfully submits that the proposed antenna installation at the facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Attachments

Copy to:

Tony Staffieri, Derby Mayor
St. Jude Roman Catholic Parish Church
Sandy M. Carter



CELLCO PARTNERSHIP

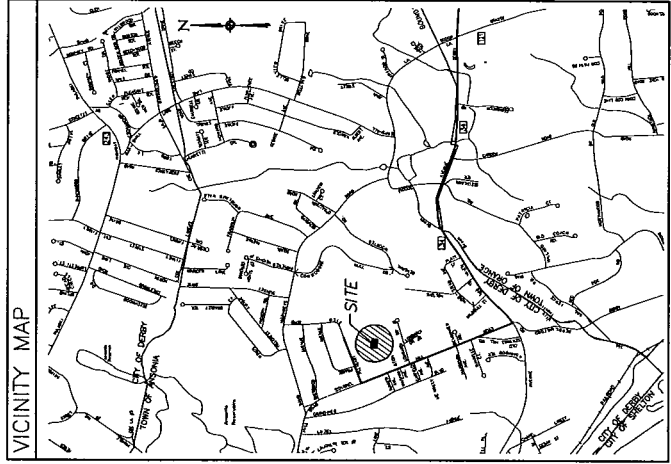
DBA



verizon wireless

SAINT JUDE'S CHURCH

71 PLEASANT VIEW ROAD
DERBY, CONNECTICUT 06418



PROJECT SUMMARY

SITE NAME: SAINT JUDE'S CHURCH
SITE ADDRESS: 71 PLEASANT VIEW ROAD
 DERBY, CONNECTICUT 06418
CONTACT PERSON: CELLCO PARTNERSHIP DBA
 VERIZON WIRELESS
 1000 FORT STREET
 (603) 800-8219
PROPERTY OWNER: SAINT JUDE'S CHURCH
 71 PLEASANT VIEW ROAD
 DERBY, CONNECTICUT 06418
JURISDICTION: CONNECTICUT SITING COUNCIL
ARCHITECT: URS CORPORATION A/E/S
 500 ENTERPRISE DRIVE, SUITE 300
 ROCKY HILL, CT 06067
M/Z/P ENGINEER: URS CORPORATION A/E/S
 500 ENTERPRISE DRIVE, SUITE 300
 ROCKY HILL, CT 06067

LEGEND

SYMBOL	DESCRIPTION
	SECTION OR DETAIL NUMBER
	SHEET WHERE DETAIL/SECTION OCCURS
	ELEVATION NUMBER
	SHEET WHERE ELEVATION OCCURS

ABBREVIATIONS

MIL.	MINIMUM
V.I.F.	VOIDS IN FIELD
O.C.	ON CENTER
PSF	POUNDS/SQUARE FOOT
IN.	INCHES
TOP OF	TOP OF CONCRETE
TOW.	TOP OF WALL
FT.	FEET
SQ.FT.	SQUARE FEET
N/A	NOT APPLICABLE

SHEET INDEX

SHEET NO.	DESCRIPTION
T-1	TITLE SHEET - GENERAL NOTES AND LEGENDS
SC-1	COMPOUND PLAN AND MONUMENT ELEVATION

CELLCO PARTNERSHIP
DBA

URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-860-524-8882

AME SEA

PROJECT NO.: 38931083
JOB NO.: VZ1-238
DRAWN BY: RRH
CHECKED BY:

ISSUED FOR
(DATE) (REV)

THE INFORMATION CONTAINED
IN THIS SET OF DOCUMENTS
IS PROPRIETARY BY NATURE.
NO PART OF THIS WORK
OTHER THAN THAT WHICH
RELATES TO VERIZON WIRELESS
IS STRICTLY PROHIBITED.

SAINT JUDE'S
CHURCH

71 PLEASANT VIEW ROAD
DERBY, CONNECTICUT 06418

SCALE: AS NOTED

TITLE SHEET -
PROJECT SUMMARY
AND LEGENDS

T-1

		General		Power	Density	
Site Name: Derby N						
Tower Height: Verizon @ 107Ft.						
		ERP				
Carrier	channels	watt/ch	distance (feet)	S (mW/cm^2)	f (MHz)	Percent MPE
T-Mobile*	8	121	120	0.02419	1935	2.42
Verizon	9	285	107	0.08061	880	13.74
Verizon	3	400	107	0.03771	1900	3.77
*Source: Siting Council Records						Total %MPE
						19.93

CHI S. LEE, P.E., S.E.

*** Specializing in Communications Structure Design & Analysis ***

5801 Lorraine Ave.

Sioux City, IA 51106

FAX & Phone No. (712) 276-2142

e-mail: chislee-pe@juno.com

April 5, 2007

Nicole McGowan
Project Manager
National Grid Wireless
80 Central Street
Boxborough, MA 01719

Re: 119' Flag Pole for Site: Derby, New Haven Co., CT
(National Grid Wireless #CT-05001 Derby)
(CSL Job #2007J-20-17)

Dear Ms. McGowan:

This letter is to confirm that the existing 119' Flag Pole supplied by PennSummit Tubular, LLC of West Hazleton, PA and located at the Derby, New Haven Co., CT site is structurally adequate for supporting the following antennas at 115 mph 3-second gust wind speed with no ice and 50 mph 3-second gust wind speed with 3/4" radial ice per the TIA/EIA-222-G-2005 Standard, the International Building Code (IBC) 2003 and the current Connecticut Building Code:

Existing antennas:

(3) EMS DR65-19XXDPQ with (12) 1-5/8" lines inside the pole at 117' for T-Mobile

Proposed antennas:

(3) TGA D3-400TV with (6) 1-5/8" lines inside the pole at 107' for Verizon

The original antennas and equipment in accordance with Paul J. Ford and Company of Columbus, OH Job #29206-0266 dated 8-17-06 are as follows:

- (1) 12' x 18' flag at 113'
- (1) 4 carrier, 40' antenna concealment cylinder at 99'

Since the sum of the existing and proposed antenna loading is less than the original antenna and equipment loading designed by Paul J. Ford and Company in 2006, the existing monopole and foundation are structurally safe.

If you have any questions, please feel free to contact me.

Sincerely,



Chi S. Lee, P.E., S.E.
Connecticut P.E. Reg. No. 19283

