Daniel F. Caruso Chairman

February 10, 2009

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

Steven L. Levine Real Estate Consultant New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, CT 06067-3900

RE: EM-CING-003-090121 - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 20 Seles Road, Ashford, Connecticut.

Dear Mr. Levine:

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.

The proposed modifications are to be implemented as specified here and in your notice dated January 21, 2009, 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. Deule Phelpe

S. Derek Phelps Executive Director

SDP/MP/laf

c: The Honorable Ralph H. Fletcher, First Selectman, Town of Ashford Richard Dziadus, Zoning Enforcement Officer, Town of Ashford Cordless Data Transfer Inc.

EM-CING-003-090121



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ew Cingular Wireless PCS, LLC 500 Enterprise Drive

Rocky Hill, Connecticut 06067-3900 Phone: (860) 513-7636

Fax: (860) 513-7190

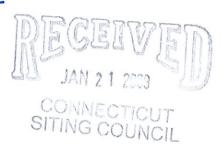
Steven L. Levine Real Estate Consultant

HAND DELIVERED

ORIGINAL

January 21, 2009

Honorable Daniel F. Caruso, Chairman, and Members of the Connecticut Siting Council Connecticut Siting Council 10 Franklin Square New Britain, Connecticut 06051



Re: New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 20 Seles Rd, Ashford (owner, CDT)

Dear Chairman Caruso and Members of the Council:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the chief elected official of the municipality in which the affected cell site is located.

UMTS technology offers services to mobile computer and phone users anywhere in the world. Based on the Global System for Mobile (GSM) communication standard, UMTS is the planned worldwide standard for mobile users. UMTS, fully implemented, gives computer and phone users high-speed access to the Internet as they travel. They have the same capabilities even when they roam, through both terrestrial wireless and satellite transmissions.

Attached is a summary of the planned modifications, including power density calculations reflecting the change in AT&T's operations at the site. Also included is documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modifications as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b)(2).

- 1. The height of the overall structure will be unaffected.
- 2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound other than some enlarged equipment pads as may be noted in the attachments.
- 3. The proposed changes will not increase the noise level at the existing facility by six decibels or more.
- 4. Radio frequency power density may increase due to use of one or more GSM channel for UMTS transmissions. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, New Cingular Wireless respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (860) 513-7636 with questions concerning this matter. Thank you for your consideration.

Sincerely,

Steven L. Levine

Real Estate Consultant

Attachments

NEW CINGULAR WIRELESS Equipment Modification

20 Seles Road, Ashford Site Number 5701 Former AT&T cell site

Exempt Modification approved 9/02

Tower Owner/Manager:

CDT

Equipment Configuration:

Guyed Lattice Tower

Current and/or Approved: Three Allgon 7250 panel antennas @ 140 ft AGL

Six runs 11/4 inch coax cable

Concrete pad with outdoor equipment cabinets

Planned Modifications:

Remove all existing antennas

Install gate antenna mounts @ 140 ft

Install six Powerwave 7770 antennas (or equivalent) @ 140 ft

Install six TMA's and six diplexers @ 140 ft Install six additional lines 11/4 inch coax

Remove one outdoor cabinet

Install one new outdoor cabinet for UMTS Install one new gate on compound fence

Power Density:

Worst-case calculations for existing wireless operations at the site indicate a radio frequency electromagnetic radiation power density, measured at ground level beside the tower, of approximately 13.1 % of the standard adopted by the FCC. As depicted in the second table below, the total radio frequency electromagnetic radiation power density following proposed modifications would be approximately 13.4 % of the standard.

Note that Council records include Cingular Wireless at 157 ft AGL. The Cingular lease has been terminated, and all Cingular equipment that was installed has been decommissioned and removed.

Existing

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm²)	Standard Limits (mW/cm²)	Percent of Limit
Other Users *							6.52
Cingular *	157	880 - 894	19	100	0.0277	0.5867	4.72
AT&T GSM *	140	1900 Band	4	250	0.0183	1.0000	1.83
Total							13:1%

^{*} Per CSC records

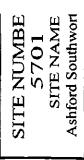
Proposed

Company	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm²)	Standard Limits (mW/cm²)	Percent of Limit
Other Users *							6.52
AT&T UMTS	140	880 - 894	1	500	0.0092	0.5867	1.56
AT&T GSM	140	1900 Band	2	427	0.0157	1.0000	1.57
AT&T GSM	140	880 - 894	4	296	0.0217	0.5867	3.70
Total							13.4%
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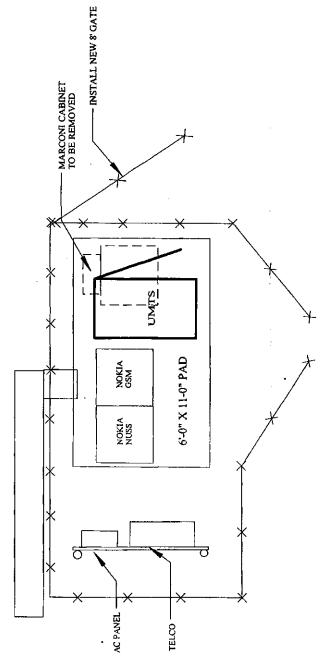
Structural information:

The attached structural analysis demonstrates that the tower and foundation have adequate structural capacity to accommodate the proposed equipment modifications. (Fred A. Nudd Corporation, 1/12/09)





TITLE:	EQUIPMENT PL
MISC. INFO:	
DWG, BY:	SGB
DATE:	07/07/08
SCALE:	N.T.S.
CHEET	1 40 7







New Cingular Wireless PCS, LLC 500 Enterprise Drive Rocky Hill, Connecticut 06067-3900

Phone: (860) 513-7636 Fax: (860) 513-7190

Steven L. Levine Real Estate Consultant

January 21, 2009

Ralph H. Fletcher, 1st Selectman Town of Ashford Town Office Bldg. 5 Town

5 Town Hall Road

Ashford, CT 06278

Re: Telecommunications Facility - Seles Road

Dear Mr. Fletcher:

In order to accommodate technological changes, implement Uniform Mobile Telecommunications System ("UMTS") capability, and enhance system performance in the State of Connecticut, New Cingular Wireless PCS, LLC ("AT&T") will be changing its equipment configuration at certain cell sites.

As required by Regulations of Connecticut State Agencies ("R.C.S.A.") Section 16-50j-73, the Connecticut Siting Council has been notified of the changes and will review AT&T's proposal. Please accept this letter as notification under Section 16-50j-73 of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2).

The accompanying letter to the Siting Council fully describes AT&T's proposal for the referenced cell site. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please call me at (860) 513-7636 or Mr. Derek Phelps, Executive Director, Connecticut Siting Council at (860) 827-2935.

Sincerely,

Steven L. Levine

Real Estate Consultant

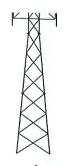
Enclosure



FRED A. NUDD CORPORATION

1743 ROUTE 104, BOX 577 ONTARIO, NY 14519 (315) 524-2531 FAX (315) 524-4249

www.nuddtowers.com



January 12, 2009

Mark LeGault Cordless Data Transfer, Inc.

Subject: Structural Analysis of a 190 ft Guyed Tower (Lat. 41-51-48 Long. 72-10-57, 20 Seles Road, Ashford, CT 06258)

Mr. LeGault,

Fred A. Nudd Corporation has completed a three-dimensional, finite element model structural analysis of the above noted guyed tower. This tower was analyzed considered appurtenance loads noted in the appurtenance loading table on the following page. The design loading criteria and strength design are per the TIA/EIA-222-F standard, which is the recommended design standard per the 2003 International Building Code (Sec. 1609 & 3108), including 2005 Connecticut Building Code Amendments and the 2008 Connecticut Supplement. Additional standards used in this analysis include the AISC Manual for Steel Construction, Allowable Stress Design, 9th Ed. and ACI 318-05, Building Code Requirements for Structural Concrete and Commentary. Tower and foundation dimensions have been taken from original design drawings by Fred A. Nudd Corporation (Drawing Number 00-6111A-1 & 98-6111-2, dated July 28, 2000 & June 19, 1998).

The purpose of this analysis is to determine the structure's ability to support new AT&T equipment installed at a rad center of 138 ft above ground level (AGL). The new equipment to be installed, which included antennas, coax, mounts and associated hardware are listed on the following page in the appurtenance loading table. All existing AT&T equipment is to be removed prior to installation of the new AT&T equipment.

Results of the analysis indicate the tower will be able to the support the design loads noted in the appurtenance loading table on the following page. Specific section design loads, capacities and stress ratios are provided on the following pages. Maximum member usage was found to be 97.7%.

The tower base foundation and anchors were analyzed using conservative soil properties and assuming that all groundwater is below the anchors. Based on this analysis, the base foundation and anchors should be capable of supporting the existing and proposed equipment

In conclusion, the tower superstructure can support the proposed AT&T equipment in addition to the existing equipment. The tower substructure should also be capable of supporting the proposed AT&T equipment in addition to the existing equipment.

We trust this report satisfies your needs. Please contact us with any questions or concerns regarding this report.

Best Regards,



C.H. David Tan, P.E. (CT PE No. 22092) Senior Engineer, Morrison Hershfield

Bryan Lanier, P.E., S.E. Fred A. Nudd Corporation

Appurtenance Loading

Height (ft)	Carrier	Appurtenance	Mount	Coax (in)
190	Verizon	(6) Decibel DB844H90 (6) Decibel DB948F85T2E (6) TMA (6) Diplexors	(3) 12 ft Boom / Frame	(12) 1-5/8
178	Nextel	(9) Swedcom ALP-E-9011	(3) 12 ft Boom / Frame	(9) 1-1/4
167	Sprint	(9) Decibel DB980H90	(3) 12 ft Boom / Frame	(9) 1-5/8
150	•	-	(3) 12 ft Boom / Frame	•
138	AT&T	(6) Powerwave 7770 (6) TMA (6) Diplexors	(3) 12 ft Boom / Frame	(12) 1-5/8

- New AT&T coax is to be double-stacked on the exterior leg hanger
- Height measurement taken as distance from top of base foundation to center of appurtenance

Foundation Reaction Usage

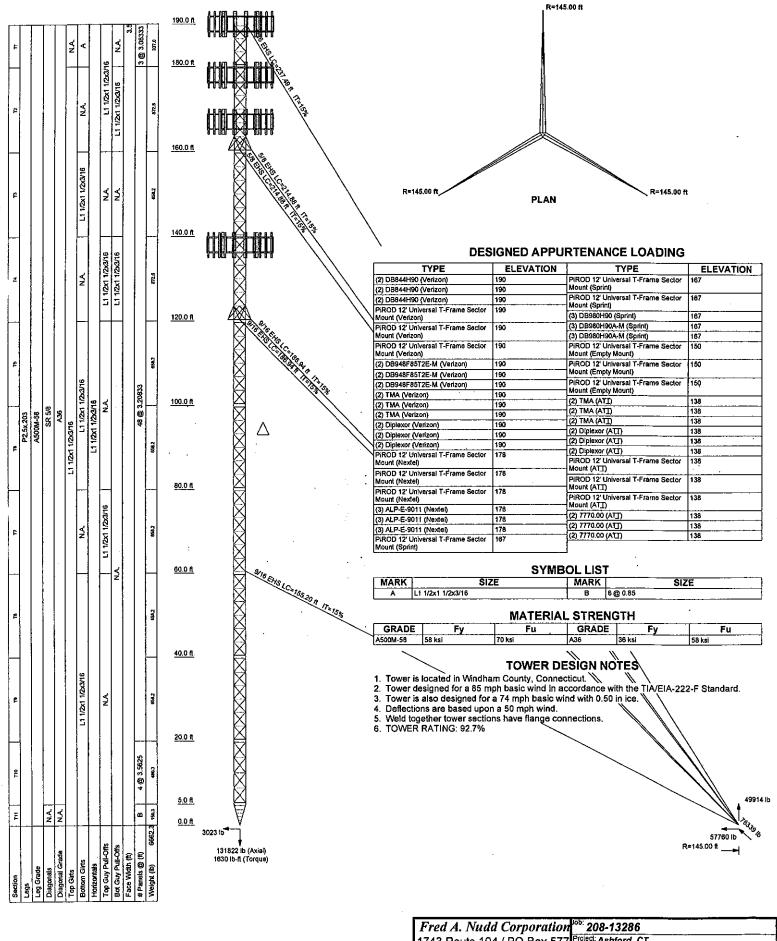
Design Load	Capacity (kips)	Analysis (kips)	Percentage
Base Axial	161.3	131.8	87.6
Base Shear	29.7	3.0	10.1
Anchor Uplift	52.3	49.9	95.4
Anchor Shear	61.0	57.8	94.8

- Percentage equal to or less than 100% denote foundation is satisfactory for loading
- Percentage greater than 100% indicates foundation strengthening is required

Maximum Member Usage

Member	Percentage	
Leg	92.7	
Diagonal	77.4	
Horizontal	60.0	
Anchor Rod	97.7	
Splice Bolts	0.0	
Guys	78.6	

- Percentage equal to or less than 100% denote member stress levels are satisfactory for loading
- Percentage greater than 100% indicates member strengthening is required



Fred A. Nudd Corporation 208-13286

1743 Route 104 / PO Box 577
Ontario, NY 14519
Phone: (315) 524-2531
FAX: (315) 524-4249

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Daniel F. Caruso Chairman

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

January 23, 2009

The Honorable Ralph H. Fletcher First Selectman Town of Ashford Knowlton Memorial Town Hall 5 Town Hall Road Ashford, CT 06278

RE: **EM-CING-003-090121** - New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 20 Seles Road, Ashford, Connecticut.

Dear Mr. Fletcher:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by February 6, 2009.

Thank you for your cooperation and consideration.

SDP/jb

Executive Director

Enclosure: Notice of Intent

c: Richard Dziadus, Zoning Enforcement Officer, Town of Ashford

