



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, Connecticut 06051
Phone: (860) 827-2935
Fax: (860) 827-2950

March 19, 1998

Ronald Clark
Nextel Communications
100 Corporate Park
Rocky Hill, CT 06067

Re: Nextel Communications notice of intent to modify an existing telecommunications facility located at 93 Old Amity Road in Bethany, Connecticut.

Dear Mr. Clark:

At a public meeting held on March 16, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Bethany, Connecticut, 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 February 27, 1998. 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 frequency 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 been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. 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 No. 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,

A handwritten signature in black ink that reads "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable John E. Ford, III, First Selectman, Town of Bethany



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March 9, 1998

Honorable John E. Ford, III
First Selectman
Town of Bethany
Town Hall, 40 Peck Road
Bethany, CT 06524

RE: Nextel Communications notice of intent to modify an existing telecommunications facility located at 93 Old Amity Road in Bethany, Connecticut.

Dear Mr. Ford:

On February 27, 1998, the Connecticut Siting Council (Council) received a request from Nextel Communications to modify an existing telecommunications facility located at 93 Old Amity Road in Bethany, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Monday, March 16, 1998, at 1:30 p.m. in Hearing Room Two, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this modification of an existing facility.

Thank you for your cooperation and consideration.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Joel M. Rinebold', written over a horizontal line.

Joel M. Rinebold
Executive Director

JMR/sg

Enclosure: Notice of Intent

Ronald C. Clark
Manager Real Estate Operations

Nextel Communications
100 Corporate Place, Rocky Hill, CT 06067
860 883-2112 FAX 860 513-5444

NEXTEL®

February 27, 1998

RECEIVED

FEB 27 1998

CONNECTICUT
SITING COUNCIL

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Dear Chairman Gelston:

Enclosed please find one original and twenty copies of a Notice of Intent to Modify an Exempt Tower and Associated Equipment for an existing telecommunications facility owned by AT&T Communications ("AT&T"). The enclosed notice is submitted pursuant to a lease with AT&T which permits Nextel of the Mid-Atlantic, Inc. d/b/a Nextel Communications ("Nextel") the shared use of the existing tower located at 93 Old Amity Road, Bethany, CT.

The enclosed notice and attached materials detail how the addition of Nextel's antennas and other equipment at the tower site meet all of the criteria set forth in Section 16-50j-72(b)(2) of the Regulations of Connecticut State Agencies and therefore is an exempt modification pursuant to Section 16-50j-73 of the regulations.

Thank you in advance for your consideration of the enclosed.



enc.

cc: Honorable John E. Ford, III, First Selectman of Bethany

93 Old Amity Road, Bethany, CT

Pursuant to Section 16-50I(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Nextel of the Mid-Atlantic, Inc. d./b/a Nextel Communications ("Nextel") hereby notifies the Connecticut Siting Council of its intent to modify an existing communications facility located at 93 Old Amity Road, Bethany, CT which is owned and operated by AT&T Long Lines ("AT&T"), an intrastate telecommunications carrier within the State of Connecticut. This notice is being provided by Nextel, as lessee, on behalf of and pursuant to a lease with AT&T. AT&T plans to permit shared use of the facility with Nextel by making tower space and space within their existing equipment building available for Nextel's equipment. The Connecticut Siting Council in September 1993 had acknowledged for this site a Notice of Modification which had never been acted upon.

Background

The Old Amity Road facility is the site of a 338 foot lattice tower that is currently being used by AT&T, Sprint Spectrum and IDC to provide telecommunications service. AT&T has an equipment building located within the compound.

Discussion

Nextel plans to install at the present time six (6) panel antennas on the tower, center mounted at the 250 foot level, with three (3) more panel antennas to be installed at the same 250 foot level at a future date. Nextel also plans on installing their associated radio equipment in the existing AT&T equipment building located within the compound. The power density information and related calculations for the current and proposed future installation are presented on the following page.

Conclusion

The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50I(d). The addition of Nextel's equipment to the tower will not result in an increase in the tower's height or extend the boundaries of the site. Further, there will be no increase in noise levels by six (6) decibels or more at the site's boundaries and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22 (a) - 162 of the Connecticut General Statutes. This addition will also not have a substantially adverse environmental effect.

For the reasons discussed above, Nextel requests that the Connecticut Siting Council acknowledge that this Notice of Modification meets the Council's exemption criteria.

Bethany, CT - Co-location on an Existing AT&T Tower		Power Density Calculations					
Transmitter:	Frequency In Mhz	CT Standard mW/cm ²	Power density calculated at the tower base	Power density calculated at 10' from the base	Power density calculated at 100' from the base	Power density calculated at 1000' from Tower Base	Power density calculated at 10000' from Tower Base
AT&T Omni Antenna Repeater System - 451 Mhz at center line 347' AGL - Existing	451	0.300666667	0.000298483	0.000298235	0.000275594	0.0000321	0.0000004
Industrial Communications Omni SMR - 855 Mhz at center line 345' AGL - Existing	855	0.57	0.009058601	0.0992%	0.0917%	0.0107%	0.0001%
Sprint Spectrum Direction Antenna PCS - 1900 Mhz at center line 240' AGL - Existing	1900	1	0.008373521	0.8359%	0.007134634	0.0004560	0.0000048
Nextel Directional Antennas ESMR - 851 Mhz at center line 250' AGL - Proposed	851	0.567333333	0.00517536	0.9122%	0.004461517	0.0003044	0.0000032
Total % of CT Standard			3.4381%	3.4338%	3.0576%	0.2790%	0.0031%
Note: Power densities are in mW/cm ²							