



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

June 12, 1998

Ronald C. Clark
Manager, Real Estate Operations
Nextel Communications
One Corporate Place
Rocky Hill, CT 06067

RE: Nextel Communications notice of intent to modify an existing telecommunications facility located at 864 Opening Hill Road, Madison, Connecticut.

Dear Mr. Clark:

At a public meeting held on June 11, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Madison, 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 May 28, 1998 and errata submitted June 11, 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 cursive script that reads "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/RKE/jlh

c: Honorable Thomas R. Rylander, First Selectman, Town of Madison



STATE OF CONNECTICUT

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May 29, 1998

Honorable Thomas R. Rylander
First Selectman
Town of Madison
Madison Town Campus
8 Campus Drive
Madison, CT 06443

RE: Nextel Communications notice of intent to modify an existing telecommunications facility located at 864 Opening Hill Road, Madison, Connecticut.

Dear Mr. Rylander:

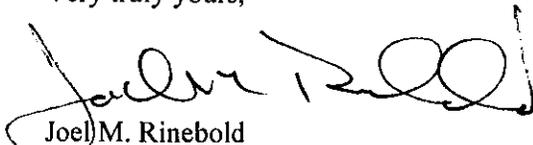
On May 28, 1998, the Connecticut Siting Council (Council) received a request from Nextel Communications to modify an existing telecommunications facility located at 864 Opening Hill Road, Madison, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for June 11, 1998, at 1:30 p.m. in Hearing Room 3, 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,



Joel M. Rinebold
Executive Director

JMR/jlh

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

May 28, 1998

RECEIVED

MAY 28 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 Nextel's Notice of Intent to Modify an Exempt Tower and Associated Equipment for an existing telecommunications facility located at 864 Opening Hill Road in Madison on a tower and land owned by the North Madison Volunteer Fire Company.

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 for your consideration in the matter.



enc.

cc: Honorable Thomas R. Rylander, Town of Madison First Selectman

864 Opening Hill Road, Madison, Connecticut

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 864 Opening Hill Road, Madison, Connecticut on land and a tower owned by the North Madison Volunteer Fire Company (the "Fire Company")

Background

On April 17, 1997 as part of a planned expansion of its communications network, the North Madison Volunteer Fire Company received the approval of the Madison Planning & Zoning Commission to construct a new 180-foot self-supporting lattice tower on its property at 864 Opening Hill Road. This will replace the existing 150-foot communications tower on the site. Once constructed, the new tower will support emergency service antennas for the Fire Company and the Madison Police Department, and cellular antennas from Springwich Cellular Limited Partnership, Cellco Partnership d/b/a Bell Atlantic Mobile and Nextel. Bell Atlantic Mobile filed for use of the site with the Siting Council on June 16, 1997.

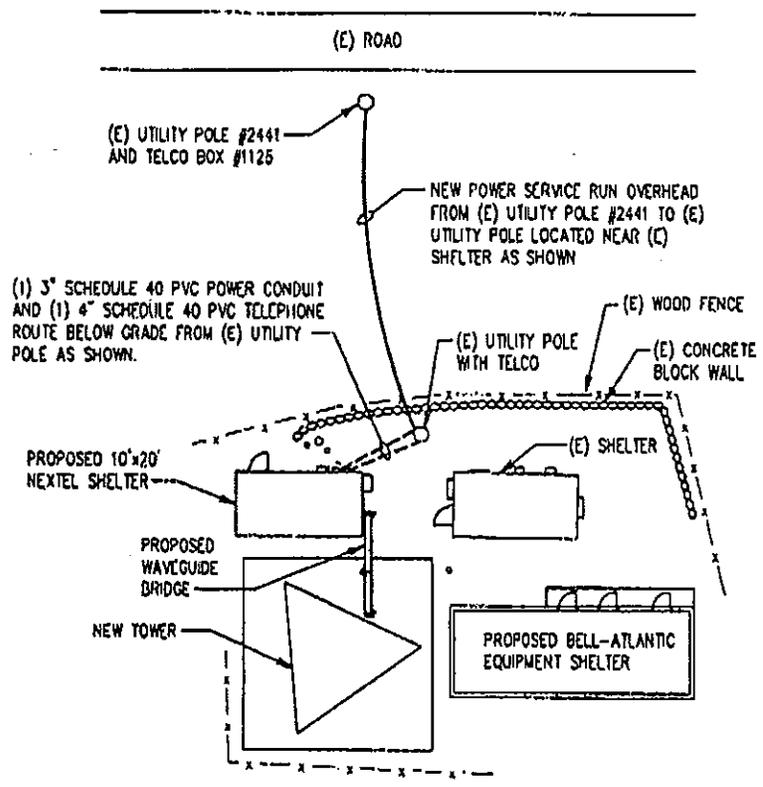
Discussion

Nextel plans to install nine (9) panel antennas on the tower, center mounted at the 160-foot level. Nextel also plans on installing a ten (10) foot by twenty (20) foot equipment shelter at the base of the existing tower (see attached site plan). The power density information and related calculations are presented on the attached page.

Conclusion

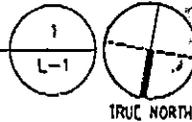
The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50I(d). The addition of Nextel's equipment to the tower will not result in an increase in the tower's height or extend the boundaries of the site. Further, there will 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 respectfully requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.



SITE PLAN

SCALE: 1"=20'



SUBMITTALS			SITE 10: CT-0935, NORTH MADISON FIRE DEPT.	URS Greiner 2020 K Street, N.W. Suite 310 WASHINGTON, D.C. 20006 PHONE (202) 788-3147 FAX (202) 786-3171	SHEET NUMBER:
DATE	DESCRIPTION	REV.	TITLE: LEASE EXHIBIT		L-1
05-21-98	LEASE EXHIBIT		JOB NO: 1690478.04		
			DRAWN: J.D.S.		
			CHECKED: J.S.		



Madison, CT - North Madison Volunteer Fire Company's Tower	Power Density Calculations
BANM - 870-880 MHz at 150' AGL	
Springwich Cellular - 880 MHz at 140' AGL	
Fire Company	
Police Department	
Nextel Communications ESMR Antennas - 18 channels at 851 MHz, 160' AGL (Proposed)	
	Note: Power densities are in mW/cm2
Transmitter:	Power Density at 25' from base of tower
BANM Cellular	0.583
BANM - % of CT standard	0.0564 9.7%
Springwich Cellular	0.5867
Springwich - % of CT standard	0.1493 25.45%
Fire Company	0.2
Fire Company - % of CT standard	0.0109 5.45%
Police Department	0.3023
Police Department - % of CT standard	0.0110 3.64%
Nextel Directional ESMR Antennas	0.56733
Nextel Directional Antennas - % of CT Standard	0.00335 0.59%
Total % of CT Standard	44.83%
NOTE: The Fire Company and Police Department antennas will be located at the top of the new 180' tower, but the exact location and configuration of these antennas has not yet been determined. The power density calculations for the fire and police antennas are for the existing fire and police antennas on the 150' tower and were submitted to the Siting Council with Springwich's and BANM's prior filings. These power density levels will decrease with an increase in height of the antennas on the new 180' tower.	