



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

November 17, 1997

Sharon Burrows
Project Director
Omnipoint Communications, Inc.
1515 Summer Street, 4th Floor
Stamford, CT 06905-5111

Re: Omnipoint Communications, Inc. notice of intent to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut.

Dear Ms. Burrows:

At a public meeting held on November 12, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Norwalk, 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 October 14, 1997. 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, appearing to read "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable Frank J. Esposito, Mayor, City of Norwalk



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October 27, 1997

Honorable Frank J. Esposito
Mayor
City of Norwalk
City Hall, 125 East Avenue
P.O. Box 5125
Norwalk, CT 06856

RE: Omnipoint Communications, Inc. notice of intent to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut.

Dear Mayor Esposito:

On October 21, 1997, the Connecticut Siting Council (Council) received a request from Omnipoint Communications, Inc. to modify an existing telecommunications facility located on Willard Road in Norwalk, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting scheduled for Wednesday, November 12, 1997, at 2:00 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 printed name and title.

Joel M. Rinebold
Executive Director

JMR/sg

Enclosure: Notice of Intent



OMNIPPOINT

COMMUNICATIONS INC.

1515 SUMMER ST. 4TH FLOOR, STAMFORD CT 06905 - 5111 FAX: (203) 359 2380

October 14, 1997

Mr. Mortimer A. Gelston, Chairman
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, CT 06051

Dear Chairman Gelston,

Enclosed is a notice of intent to Modify and Exempt the telecommunications tower and associated equipment for facilities owned and operated by the Southern New England Telephone Company (SNET) on Willard Road in Norwalk, Connecticut.

The proposed modification can be generally described as the addition of a "cellular type" PCS antenna array for OmniPoint Communications, consisting of three (3) dual pole antennas and base station equipment. OmniPoint Communications holds the "A Block" 1900 MHz "Wideband" PCS license for the entire State of Connecticut. The OmniPoint PCS wireless service is a voice-data system which will provide paging, data and voice communications services.

The top of the proposed antennas will be below the top of the existing tower. No changes will be made to the tower structure. The base station equipment will be housed inside the existing equipment building.

The attached pages detail the required information for this location. As shown in the attachments, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72 (b) (2), and is an exempt facility pursuant to Section 16-50j-73.

Please record me as the contact for OmniPoint Communications in this matter and in all correspondence from the Council, except technical questions which may be directed to Mike Clarson of RCC Consulting, ph 732-404-2467.

Thank you in advance for your cooperation.

Sincerely,

Sharon Burrows
Project Director
Omnipoint Communications Inc.

cc: The Honorable Frank J. Esposito
Chandler Montgomery, SNET Real Estate
Jeff Randolph, Trammell Crow
Mike Clarson, RCC Consultants

OCT 21 1997

CONNECTICUT
SITING COUNCIL

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, the Southern New England Telephone Company (SNET) and Omnipoint Communications, Inc. hereby notifies the Connecticut Siting Council that it intends to modify an existing communications facility by adding three (3) dual pole receive and transmitting antenna units and associated equipment to be operated in the Wideband Personal Communications Services (PCS). These antennas and associated equipment will be owned, operated and maintained by Omnipoint, Inc. The associated communications hardware will be located in SNET's equipment shelter located at the base of the tower. The site is located on 10 Willard Road in Norwalk, Connecticut (C.S.C. site C377).

Background

The proposed modifications are at the site of a self-supporting 373 foot lattice communications tower. Both the shelter and the tower are owned and operated by SNET. The tower was formally used for SNET's microwave telecommunications network and is currently used by SNET Mobility, PageNet, Destineer, RAM Mobile Data USA, and SNET's internal Mobile Radio System. There is also a CSC approved and a currently under construction installation by Sprint PCS.

Discussion

Omnipoint proposes to install up to three (3) electrical antennas enclosed in three (3) panel style radomes. These three radomes highest point, at the tip, will be 200 feet above ground level at the site. The antenna base will be at 195 feet above ground. The power density these antennas contribute at this site is tabulated below. The purpose of these antennas are to serve the Personal Communications Service requirements of the Norwalk area. The make and model number of the 1900 Mhz. antennas are EMS. model RR 90-17-00DP. Transmit frequencies of operation will be in the 1900 Mhz. PCS band .8

Below is a chart which represents the existing and proposed contributors to the power density from this site. The levels shown indicate the total power density in milliwatts per square centimeter at the tower base.

Operator	Power Density at Support Structure Base mW/cm ²	Antenna Height, ft	Maximum Permissible Exposure, CT/IEEE Standard	% of Standard
SNET Mobility	0.0047	280	0.5667	0.82%
Pagenet	0.0033	350	0.621	0.53%
SNET TMRS	0.002	350	0.313	0.64%
Sprint (under construction)	0.0084	240	1.0	0.84%
Destineer/SkyTel	0.007	355	0.621	1.12%
RAM Mobile Data	0.0006	355	0.6267	0.098%
PageNet 900 MHz upper antennas	0.0294	306	0.621	4.71%
PageNet 900 MHz lower antennas	0.0306	300	0.621	4.9%
PageNet 1.2 M dish	0	20	N/A	0%
Omnipoint (Proposed)	0.0027	195	1.0	0.27%
TOTALS, ALL USERS	0.0887	N/A	N/A	13.928%

The more stringent of either the current Connecticut (and IEEE/ANSI) or FCC power density level standards for non-ionizing radiation are shown above. The levels identified in this case are below the maximum permissible casual exposure standard, and have been calculated at the tower base using methodology described by FCC OET Bulletin 65, revised 1997, and this represents the

maximum exposure for the operation of these facilities at the closest (or any) publicly accessible point. At this site, the tower base and the fence are close enough to consider the exposure the same at the property boundary and the tower base. A ground reflection coefficient of 1.6 was used for the proposed Omnipoint power density calculation.

The installation of these three antenna units on this 373 foot structure will not present any structural issues.

Conclusion

The proposed additions do not constitute a "modification" of an existing facility as defined in the Connecticut General Statutes Section 16-50i(d). There will be no change to the tower height or extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six (6) decibels or more 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 not have a substantially adverse environment effect.

For these reasons, SNET and Omnipoint requests that the Council acknowledge that this Notice of Modification meets the Council's exemption criteria.