



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051-4225
Phone: 827-7682

FILE
COPY

May 24, 1994

David S. Malko, P.E.
Manager-Engineering & Reg. Serv.
Bell Atlantic Mobile
20 Alexander Dr., P.O. Box 5029
Wallingford, CT 06492

RE: Metro Mobile CTS of New Haven, Inc. and Metro Mobile CTS of Fairfield County, Inc., notice of intent to modify existing telecommunications towers and associated equipment at the intersection of Meriden Road and Route 322 in Wolcott; Video Lane in Trumbull; and 50 Rockland Road in Norwalk, Connecticut.

Dear Mr. Malko:


At a meeting held May 23, 1994, the Connecticut Siting Council (Council) acknowledged your notice of an exempt modification at existing tower sites at the intersection of Meriden Road and Route 322 in Wolcott; Video Lane in Trumbull; and 50 Rockland Road in Norwalk, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modifications are to be implemented as specified in your notice dated May 9, 1994. The modifications are in compliance with the exception criteria in RSA section 16-50j-72(b) as changes to existing facility sites that would not increase tower height, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by 6 decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of existing towers serves the Council's long-term goal of protecting the public interest and avoiding proliferation of additional unnecessary tower structures.

Please notify the Council when all work is complete.

Very truly yours,


Mortimer A. Gelston
Chairman

MAG:RKE:mmb

cc: Hon. Eugene Migliaro, Jr., Mayor, Town of Wolcott
Hon. David Wilson, First Selectman, Town of Trumbull
Hon. Frank Esposito, Mayor, City of Norwalk

7901E

Bell Atlantic Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492
203 269-8858

David S. Malko, P.E.
General Manager - Engineering

May 9, 1994

Mr. Joel M. Rinebold, Executive Director
Connecticut Siting Council
136 Main Street
Suite 401
New Britain, Connecticut 06051

RECEIVED
MAY - 9 1994

**CONNECTICUT
SITING COUNCIL**

Re: Metro Mobile CTS of New Haven, Inc. and Metro Mobile CTS of
Fairfield County, Inc. - Wolcott, Trumbull and Norwalk Cell
Sites

Dear Mr. Rinebold:

Metro Mobile CTS of New Haven, Inc. and Metro Mobile CTS of Fairfield County, Inc., ("Metro Mobile" or the "Company") plans to add microwave antennas and transmitting equipment at its existing tower facilities in Wolcott, Trumbull, and Norwalk, Connecticut. The addition of these antennas will enable the Company to establish a high capacity microwave connection between the Wallingford and Norwalk MTSOs. Please accept this letter as notice of intent, 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). In further compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the chief elected officials of the municipalities involved.

The existing facility in Wolcott is a 180' self-supporting lattice tower and equipment shelter and was approved by the Council on April 14, 1986 in Docket No. 56. The facility is owned by Metro Mobile and is located at the intersection of Meriden Road and Route 322. Metro Mobile plans to add one six foot diameter, solid microwave dish at the 70' above ground level (AGL). There will be no changes to the existing building.

The existing facility in Trumbull consists of a 486' guyed tower and equipment shelter and was approved as a cellular facility on August 4, 1987 in Docket No. 77. The tower is owned by Hi-Ho Tower, Inc. and is located at the end of Video Lane in Trumbull near the Shelton town line. Metro Mobile plans to add two solid microwave dishes to this tower. One dish will be eight foot in diameter and mounted at 150' AGL, and one dish will be ten foot in diameter and located at 100' AGL. There will be no change to the existing equipment shelter.

The existing facility in Norwalk consists of a 180' self-supporting lattice tower and building housing the cell site equipment, MTSO and administrative offices and was approved by the Council on April 1, 1987 in Docket No. 73. The facility is owned by Metro Mobile and is located at 50 Rockland Road in Norwalk. The Company plans to add one eight foot diameter, solid microwave dish at 150' AGL. There will be no changes to the existing building.

The addition of Metro Mobile's microwave antennas and equipment at the sites does not constitute a modification as defined in C.G.S. Section 16-50i(d) because the general physical characteristics of the facilities will not be significantly changed or altered. Rather, the planned additions fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b).

First, the height of the existing towers will be unaffected. All of the dishes are proposed to be mounted below the tops of the towers.

Second, the proposed additions will not extend the site boundaries. The microwave electronics will be installed in the existing structures at the sites. No strengthening of the towers is necessary to support the additional loading. At the Trumbull tower, however, additional stabilizing arms and associated guying will be installed at the 125' level of the tower to minimize rotational deflection which could affect path reliability.

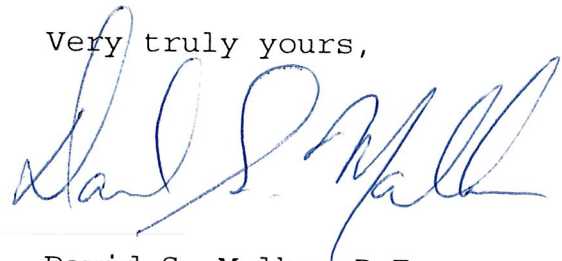
Third, the proposed additions will not increase the noise levels at the existing facilities by six decibels or more. The only noise associated with the operation of the sites will be from air conditioning and emergency power equipment, when in use, and will be comparable to what is at the sites today.

Fourth, operation of the proposed antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the base of the towers, to a level at or above the ANSI standard. The standard for the proposed microwave frequencies to be used (approximately 6200 MHz) is

4.133 mw/cm². A conservative "worst-case" calculation for a point at the base of the tower indicates that the operation of the proposed microwave system will add 0.000634 mw/cm² (0.0153%) to the Wolcott site, 0.000287 mw/cm² (0.0069%) to the Trumbull site, and 0.000364 mw/cm² (0.0088%) to the Norwalk site. Since all sites are currently operating at levels well below the applicable standards, the addition of less than one-tenth of one percent of the ANSI standard does not result in any measurable change at the sites and does not cause the site to exceed the standards as calculated for a mixed frequency site.

For the foregoing reasons, Metro Mobile respectfully submits that the planned additions of antennas and associated equipment at the Wolcott, Trumbull and Norwalk facilities constitute exempt modifications under R.C.S.A. Section 16-50j-72(b).

Very truly yours,

A handwritten signature in blue ink, appearing to read "David S. Malko". The signature is fluid and cursive, with a long horizontal stroke at the end.

David S. Malko, P.E.
General Manager - Engineering

Attachments

cc: Honorable Eugene Migliaro, Jr., Mayor, Town of Wolcott
Honorable David Wilson, First Selectman, Town of Trumbull
Honorable Frank Esposito, Mayor, City of Norwalk

Bell Atlantic Mobile
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492
203 269-8858

David S. Malko, P.E.
General Manager - Engineering

May 9, 1994

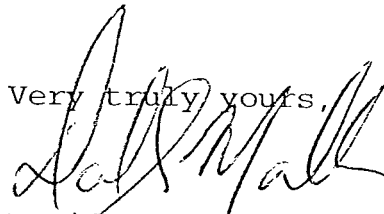
The Honorable Eugene Migliaro, Jr., Mayor
Town of Wolcott
City Hall
10 Kenea Avenue
Wolcott, CT 06716

Dear Mayor Migliaro:

Metro Mobile CTS of New Haven, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in Wolcott. As required by Section 16-50j-73 of the Regulations of Connecticut State Agencies (R.C.S.A.), please accept this letter and the attached letter to the Connecticut Siting Council dated May 9, 1994, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72(b).

The attached letter fully sets forth the Company's proposal. However, if you have any questions or require any further information on our plans or the Siting Council's procedures, please contact the undersigned or Mr. Joel M. Rinebold, Executive Director, Connecticut Siting Council at 827-7682.

Very truly yours,



David S. Malko, P.E.
General Manager - Engineering

Attachment

Bell Atlantic Mobile
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General Manager - Engineering

May 9, 1994

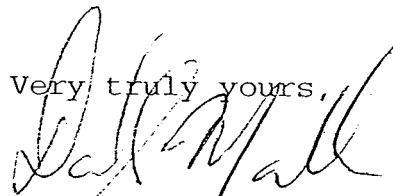
The Honorable David Wilson, First Selectman
Town of Trumbull
Town Hall
5866 Main Street
Trumbull, CT 06611

Dear Selectman Wilson:

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in Norwalk. As required by Section 16-50j-73 of the Regulations of Connecticut State Agencies (R.C.S.A.), please accept this letter and the attached letter to the Connecticut Siting Council dated May 9, 1994, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72(b).

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General Manager - Engineering

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May 9, 1994

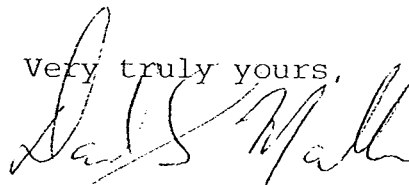
The Honorable Frank Esposito, Mayor
City Of Norwalk
City Hall
P.O.Box 5125
Norwalk, CT 06856-5125

Dear Mayor Esposito:

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in Norwalk. As required by Section 16-50j-73 of the Regulations of Connecticut State Agencies (R.C.S.A.), please accept this letter and the attached letter to the Connecticut Siting Council dated May 9, 1994, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72(b).

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General Manager - Engineering

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