



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

March 13, 1997

Jennifer Young Gaudet
Regulatory Manager
Bell Atlantic NYNEX Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

Re: **DOCKET NO. 56** - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for telecommunications facilities in New Haven County. Notice of Intent to Modify Guilford & Milford Facilities.

DOCKET NO. 58 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of Glastonbury, Haddam, Hartford, Portland, Rocky Hill, Somers, Willington, Vernon, and Windsor Connecticut. Notice of Intent to Modify Rocky Hill, Vernon, Willington, and Windsor Facilities.

DOCKET NO. 86 - Bell Atlantic NYNEX Mobile, Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of Greenwich and Fairfield. Notice of Intent to Modify Fairfield Facility.

DOCKET NO. 117 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of North Haven, Connecticut. Notice of Intent to Modify Facility.

DOCKET NO. 122 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of Branford, Connecticut. Notice of Intent to Modify Facility.

DOCKET NO. 155 - Bell Atlantic NYNEX Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility located in the Town of Darien, Connecticut. Notice of Intent to Modify Facility.

Dear Ms. Gaudet:

At a public meeting held on March 12, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify existing telecommunications facilities in Guilford, Milford, Rocky Hill, Vernon, Willington, Windsor, Fairfield, North Haven, Branford, and Darien, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified in your notice dated February 25, 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. These facilities have 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 these facilities 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 Science 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

Jennifer Young Gaudet

Page 2

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/ss

- c: Honorable Francis J. Brady, Mayor of Windsor
- Honorable Tony Muro, Mayor of Vernon
- Honorable John Patton, First Selectman of Willington
- Honorable Donald W. Unwin, Mayor of Rocky Hill
- Honorable Dominic A. Buonocore, First Selectman of Branford
- Honorable Frederick L. Lisman, Mayor of Milford
- Honorable Henry M. Sanders, First Selectman of Darien
- Honorable Paul A. Audley, First Selectman of Fairfield
- Honorable Edward J. Lynch, First Selectman of Guilford
- Honorable Anthony P. Rescigno, First Selectman of North Haven

Bell Atlantic NYNEX Mobile

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

Jennifer Young Gaudet
Manager - Regulatory

February 25, 1997

RECEIVED

FEB 25 1997

CONNECTICUT
SITING COUNCIL

HAND DELIVERED

Mr. Joel M. Rinebold, Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: Bell Atlantic NYNEX Mobile - GPS Antennas - Windsor, Vernon, Willington, Rocky Hill, Branford, Milford, Darien, Fairfield, Guilford and North Haven Cell Sites

Dear Mr. Rinebold:

Bell Atlantic NYNEX Mobile ("BANM" or the "Company") plans to mount a small Global Positioning Satellite System ("GPS") receive-only antenna on its towers at the existing BANM facilities referenced above. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification to each facility pursuant to R.C.S.A. § 16-50j-72(b). In compliance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the chief elected official of each town in which a referenced facility is located, as shown on the attached Appendix A.

The addition of BANM's GPS antenna to each tower site does not constitute a modification as defined in C.G.S. § 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. The addition of the GPS antenna will have no effect on any of the sites.

The planned change to each facility falls squarely within those activities provided for in R.C.S.A. § 16-50j-72(b). The height of the tower will be unaffected. In the case of monopoles, the GPS antenna will be placed on the top platform, where BANM's other antennas are located, and will not extend above the existing antennas. In the case of lattice towers, the GPS antenna will be placed on an approximately 2' sidearm at the 60' level of the tower. Attached as Appendix B is relevant tower and site data for each of the sites. The addition of the GPS antenna will have no effect on the site boundary or noise levels at any of the sites. Nor will there be any effect on the total radio frequency electromagnetic radiation power density at any of the sites, because the GPS antennas are receive-only antennas.

BANM therefore respectfully requests the Council's acknowledgment under R.C.S.A. § 16-50j-72(b) of the addition of the GPS antennas at the referenced facilities.

Respectfully yours,

Jennifer Young Gaudet
Jennifer Young Gaudet
Manager - Regulatory

Enclosures

Chief Elected Officials

Honorable Francis J. Brady, Mayor, Town of Windsor
Honorable Tony Muro, Mayor, Town of Vernon
Honorable John Patton, First Selectman, Town of Willington
Honorable Donald W. Unwin, Mayor, Town of Rocky Hill
Honorable Dominic A. Buonocore, First Selectman, Town of Branford
Honorable Frederick L. Lisman, Mayor, Town of Milford
Honorable Henry M. Sanders, First Selectman, Town of Darien
Honorable Paul A. Audley, First Selectman, Town of Fairfield
Honorable Edward J. Lynch, First Selectman, Town of Guilford
Honorable Anthony P. Rescigno, First Selectman, Town of North Haven

Site	Address	Type of Tower	Tower Height	Docket
Windsor	482 Pigeon Hill Road	lattice	160'	58
Vernon	South Street	lattice	130'	58
Willington	Cosgrove Road	lattice	140'	58
Rocky Hill	France Street	monopole	140'	58
Branford	1801 North Main Street	monopole	110'	122
Milford	423 Oronoque Road	monopole	100'	56
Darien	Ledge Road	monopole	100'	155
Fairfield	281 Woodhouse Road	monopole	160'	86
Guilford	131 Manor Road	monopole	150'	56
North Haven	117 Washington Avenue	monopole	120'	117



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

**FILE
COPY**

December 28, 1994

David S. Malko, P.E.
General Manager - Engineering
Bell Atlantic Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

RE: Metro Mobile CTS of Fairfield County, Inc., notice of intent to modify an existing telecommunications facility and associated equipment located at Ledge Road in Darien, Connecticut.

Dear Mr. Malko:

At a meeting held December 28, 1994, the Connecticut Siting Council (Council) acknowledged your notice of intent to modify an existing tower site on Ledge Road in Darien, Connecticut, pursuant to section 16-50j-73 of the Regulations of Connecticut State Agencies (RCSA).

The proposed modifications are to be implemented as specified in your notice dated December 19, 1994. The modifications are in compliance with the exception criteria in RCSA section 16-50j-72(b) as changes in 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 6 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 section 22a-162 of the Connecticut General Statutes.

This shared use of an existing tower serves the public interest by 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/ss

cc: Honorable Henry Sanders, First Selectman, Town of Darien

Bell Atlantic Mobile
20 Alexander Drive
Wallingford, CT 06492
269-8858

RECEIVED

DEC 20 1994

CONNECTICUT
SITING COUNCIL

December 19, 1994

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

Re: Metro Mobile CTS of Fairfield County, Inc. - Darien Cell Site

Dear Mr. Rinebold:

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to allow Springwich Cellular Limited Partnership (SCLP) to install antennas and related equipment at the existing Metro Mobile facility in Darien, Connecticut. Please accept this letter 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). In further compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the First Selectman of Darien.

The existing facility consists of a 100' monopole tower and a 14 x 40 equipment shelter located at 55 Ledge Road in Darien. This facility was approved by the Connecticut Siting Council in its December 30, 1992 Decision and Order in Docket No. 155. SCLP plans to lease a 14 x 14 area within our equipment shelter and attach twelve antennas to the existing tower.

The addition of SCLP's antennas, equipment and sharing of our shelter to the tower site does not constitute a modification as defined in 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 R.C.S.A. Section 16-50j-72(b).

First, the height of the tower will be unaffected. Twelve panel type antennas, Model ALP 110 11-N, will be mounted on a new platform at the 86' level of the tower. The antennas will extend upward approximately 4' from the 86' level. Thus, SCLP's antennas will extend no higher than the 90' level of the 100' tower (total structure height including Metro Mobile's top mounted antennas is currently 102'). The tower will not require any strengthening to support the proposed attachments.

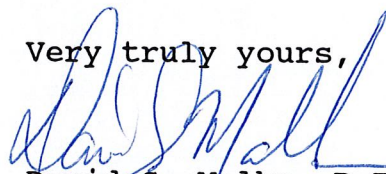
Second, the proposed addition will not extend the site boundaries. The proposed equipment shelter will be shared and the existing fencing will remain the same. The gravel area will not be enlarged and all activity will occur on the existing leased parcel.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. The only noise will be from additional air conditioners, when in use, to cool the SCLP shelter.

Fourth, operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to a level at or above the ANSI standard. A "worst-case" calculation for a point at the base of the tower indicates that SCLP's antennas would add 0.088mW/cm² to the Metro Mobile level of 0.068mW/cm² for a total of 0.156mW/cm² for the combined operation of the two companies at the site. This power density level is 26.8% of the ANSI standard for uncontrolled environments at cellular frequencies of approximately 0.583mW/cm².

For the foregoing reasons, Metro Mobile respectfully submits that the proposed additions of antennas and associated equipment at the Darien facility constitutes an exempt modification under R.C.S.A. Section 16-50j-72(b).

Very truly yours,



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

Attachments

cc: Honorable Henry Sanders, First Selectman, Town of Darien

Bell Atlantic Mobile
20 Alexander Drive
Wallingford, CT 06492
269-8858

December 19, 1994

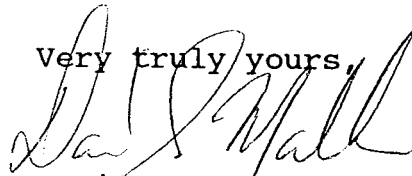
The Honorable Henry Sanders, First Selectman
Town of Darien
2 Renshaw Road
Darien, Connecticut 06820

Dear Selectman Sanders:

Metro Mobile CTS of Fairfield County, Inc. ("Metro Mobile" or the "Company") plans to allow Springwich Cellular Limited Partnership to add antennas and share space within the equipment shelter at the existing Metro Mobile tower facility located on Ledge Road in Darien. 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 December 19, 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