



# 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. 139** - Bell Atlantic NYNEX Mobile, Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of Enfield, East Hartford, and Wethersfield, Connecticut. Notice of Intent to Modify East Hartford Facility.

Dear Ms. Gaudet:

At a public meeting held on March 12, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing telecommunications facility in East Hartford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modification is to be implemented as specified in your notice dated February 13, 1997. The modification is 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 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 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/JMR/ss

c: Honorable Robert M. DeCrescenzo, Mayor of East Hartford

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

Jennifer Young Gaudet  
Manager - Regulatory

February 13, 1997

**RECEIVED**

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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 - East Hartford Cell Site

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 tower at the existing BANM facility in East Hartford, Connecticut. Please accept this letter as notification, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification 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 Mayor of East Hartford.

The existing facility consists of a <sup>116'</sup>120' monopole and related equipment building located off of Forbes Street in East Hartford. This facility was approved by the Connecticut Siting Council in its September 18, 1991 Decision and Order in Docket No. 139.

The addition of BANM's GPS antenna to the 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 the site.

The planned changes to the facility fall squarely within those activities provided for in R.C.S.A. § 16-50j-72(b). The height of the tower will be unaffected. 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. The addition of the GPS antenna will have no effect on the site boundary or noise levels at the site. Nor will there be any effect on the total radio frequency electromagnetic radiation power density at the site, because the GPS antenna is a receive-only antenna.

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

Respectfully yours,



Jennifer Young Gaudet  
Manager - Regulatory

Enclosure

cc: Honorable Robert M. DeCrescenzo, Mayor

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

Jennifer Young Gaudet  
Manager - Regulatory

February 13, 1997

Honorable Robert M. DeCrescenzo, Mayor  
Town Hall  
740 Main Street  
East Hartford, Connecticut 06108

Dear Mayor DeCrescenzo:

Bell Atlantic NYNEX Mobile intends to make a minor change to its site located off of Forbes Street to improve its service in the area. 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 as notice of intent to construct an "exempt modification" 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 at (203) 949-2805 or Mr. Joel M. Rinebold, Executive Director of the Connecticut Siting Council at (860) 827-2935.

Sincerely,



Jennifer Young Gaudet  
Manager - Regulatory

Enclosure



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

FILE  
COPY

October 13, 1995

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

RE: Bell Atlantic NYNEX Mobile, Inc. notice of intent to modify antenna configurations at its cell sites located on Burnham Street, South Windsor and Forbes Street, East Hartford.

Dear Ms. Gaudet:

At a meeting held October 10, 1995, the Connecticut Siting Council (Council) acknowledged your notice of exempt modifications at existing facilities located off Burnham Street, South Windsor and Forbes Street, East Hartford, 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 September 21, 1995. These modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to existing facility sites 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.

Please notify the Council when all work is complete.

Very truly yours,

Mortimer A. Gelston  
Chairman

MAG/FOC/ss

cc: The Hon. Robert M. DeCrescenzo, Mayor, Town of East Hartford  
The Hon. Richard Ryan, Mayor, Town of South Windsor



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

Jennifer Young Gaudet  
Manager - Regulatory

September 21, 1995

RECEIVED

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CONNECTICUT  
SITING COUNCIL

HAND DELIVERED

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

Re: Bell Atlantic NYNEX Mobile - South Windsor and East Hartford Cell Sites

Dear Mr. Rinebold:

Bell Atlantic NYNEX Mobile ("BANM" or the "Company") plans to make certain changes to the antenna configurations at its cell sites located on Burnham Street, South Windsor and Forbes Street, East Hartford. Please accept this letter as notice of intent, pursuant to R.C.S.A. § 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to Mayors of South Windsor and East Hartford.

The existing South Windsor facility consists of a 110' monopole tower and an equipment shelter located at 190 Burnham Street in South Windsor. This facility was approved by the Connecticut Siting Council in its November 14, 1990 Decision and Order in Docket No. 137. The existing East Hartford facility consists of a 110' monopole tower and an equipment shelter located at 1455 Forbes Street in East Hartford. This facility was approved by the Connecticut Siting Council in its September 11, 1991 Decision and Order in Docket No. 139.

At each site, the Company intends to replace all existing antennas with twelve panel type antennas. The change in antenna configuration at each of the tower sites 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 facilities fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b).

First, the height of the tower at each location will not be increased. Twelve panel type antennas, Swedcom Model ALP

Mr. Joel M. Rinebold  
September 21, 1995  
Page 2

9212-N, approximately 4' in height, will be mounted with the center of radiation at the 110' level of the towers. The current dual platform configuration will be modified by adding a rail assembly to each platform and removing the vertical mounting pipes between them. The twelve panel antennas will be mounted on the top rail assembly. These antennas will replace the top-mounted omnidirectional antennas as well as the transmit/receive antennas currently mounted between the platforms. These changes will reduce the overall height of the structures (including appurtenances) from 123' to 112'.


Second, the planned changes will not extend the site boundaries. There will be no changes to the sites.

Third, the planned changes will not increase the noise levels at the existing facilities by six decibels or more. The additional antennas will not result in any change in noise levels.

Fourth, operation of the new 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 BANM's antennas would result in a level of 0.0564 mW/cm<sup>2</sup>. This power density level is 9.7% of the ANSI standard for uncontrolled environments at cellular frequencies of approximately 0.583 mW/cm<sup>2</sup>.

For the foregoing reasons, Metro Mobile respectfully submits that the proposed additions of antennas to the South Windsor and East Hartford facilities constitute exempt modifications under R.C.S.A. Section 16-50j-72(b).

Respectfully yours,

  
Jennifer Young Gaudet  
Manager - Regulatory

Enclosures

cc: Honorable Robert M. DeCrescenzo, Mayor, Town of East Hartford  
Honorable Richard Ryan, Mayor, Town of South Windsor

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

Jennifer Young Gaudet  
Manager - Regulatory

September 21, 1995

The Honorable Robert M. DeCrescenzo  
Mayor  
Town Hall  
740 Main Street  
East Hartford, Connecticut 06108

Dear Mayor DeCrescenzo:

Bell Atlantic NYNEX Mobile (the "Company") plans to make changes to its antenna configuration on its tower located on Forbes Street. 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 September 21, 1995, as notice of intent to construct an "exempt modification" 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 of the Connecticut Siting Council at 827-7682.

Sincerely,



Jennifer Young Gaudet  
Manager - Regulatory

Enclosure

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

Jennifer Young Gaudet  
Manager - Regulatory

September 21, 1995

The Honorable Richard Ryan  
Mayor  
Town Hall  
1540 Sullivan Avenue  
South Windsor, Connecticut 06074

Dear Mayor Ryan:

Bell Atlantic NYNEX Mobile (the "Company") plans to make changes to its antenna configuration on its tower located on Burnham Street. 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 September 21, 1995, as notice of intent to construct an "exempt modification" 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 of the Connecticut Siting Council at 827-7682.

Sincerely,



Jennifer Young Gaudet  
Manager - Regulatory

Enclosure