



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

10 Franklin Square
New Britain, CT 06051
Phone: (860) 827-2935

April 16, 1996

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

RE: Bell Atlantic NYNEX Mobile notice of intent to modify an existing telecommunications facility located on Pigeon Hill Road in Windsor, Connecticut.

Dear Ms. Gaudet:

At a public meeting held on April 11, 1996, the Connecticut Siting Council (Council) acknowledged your notice to modify an existing facility located on Pigeon Hill Road, Windsor, 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 March 28, 1996. 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 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.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/FOC/ss

c: The Honorable Francis J. Brady, Mayor, Town of Windsor

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

Jennifer Young Gaudet
Manager - Regulatory

March 28, 1996

HAND DELIVERED

RECEIVED

MAR 28 1996

**CONNECTICUT
SITING COUNCIL**

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

Re: Bell Atlantic NYNEX Mobile - Windsor Cell Site

Dear Mr. Rinebold:

Cellco Partnership, d/b/a Bell Atlantic NYNEX Mobile (the "Company") plans to add a whip antenna to its existing tower on Pigeon Hill Road in Windsor, Connecticut. The antenna is a back-up component of an alarm system being installed at the Company's building. 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 chief elected official of Windsor.

The existing facility in Windsor consists of a 160' self-supporting lattice tower and associated equipment located on Pigeon Hill Road and owned by the Company. This facility was approved by the Council in its July 11, 1986 Decision and Order in Docket No. 58. The Company plans to mount an approximately 8' whip antenna, Cushcraft Model CRX-150, on the tower.

The installation of the antenna 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 in R.C.S.A. Section 16-50j-72(b).

First, the height of the tower will be unaffected. The tip of the additional antenna will be at approximately the 40' level of the 160' tower.

Second, the addition of the antenna will have no effect on the site boundary.

Third, the proposed addition will not increase the noise level at the existing facility by six decibels or more. Noise associated with the operation of the site will be comparable to what is experienced at the site currently.

Mr. Joel M. Rinebold
March 28, 1996
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Fourth, operation of the proposed antenna will not increase the total radio frequency electromagnetic radiation power density, measured at the base of the tower, to a level at or above the ANSI standard. The following table summarizes the power density at the tower base from the various sources on the tower in relation to the standard.

<u>Frequency</u>	<u>Power Density</u>	<u>Standard Limits</u>	<u>% of Standard</u>
173 MHz (*)	0.0022 mW/cm ²	0.115 mW/cm ²	1.9130 % (*)
450 MHz (Town)	0.0042	0.300	1.4000 %
875 MHz (cellular)	0.0299	0.583	5.137 %
2118 MHz	0.000037	1.412	0.00262 %
5945 MHz	0.000298	3.963	0.00752 %
6175 MHz	0.000237	4.117	0.00576 %
23000 Mhz (Town)	0.0000059	10.000	<u>0.00006%</u>
		TOTAL	8.46596%

As the table shows, the proposed addition (indicated by an "*") contributes 1.9130% of the ANSI standard for the frequency to be used (approximately 173 MHz), bringing the site total to 8.46596% of the standard as calculated for a mixed frequency site.

For the foregoing reasons, the Company respectfully submits that the planned addition of the antenna at the Windsor facility constitutes an exempt modification under R.C.S.A. Section 16-50j-72(b).

Respectfully yours,



Jennifer Young Gaudet
Manager - Regulatory

cc: Honorable Francis J. Brady, Mayor

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

Jennifer Young Gaudet
Manager - Regulatory

March 28, 1996

Honorable Francis J. Brady, Mayor
Town Hall
275 Broad Street, P.O. Box 472
Windsor, CT 06095

Dear Mayor Brady:

Bell Atlantic NYNEX Mobile (the "Company") plans to add an antenna at its cellular telecommunications site located on Pigeon Hill Road in Windsor. 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 March 28, 1996, 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) 827-7682.

Sincerely,



Jennifer Young Gaudet
Manager - Regulatory

Enclosure