



# 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. 137** - Bell Atlantic NYNEX Mobile, Certificate of Environmental Compatibility and Public Need for telecommunications facilities in the Towns of South Windsor and Windsor, Connecticut. Notice of Intent to Modify Windsor 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 Windsor, 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,

Mortimer A. Gelston  
Chairman

MAG/RKE/ss

c: Honorable Francis J. Brady, Mayor 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

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 - Windsor South 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 an existing BANM facility in Windsor, 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 Windsor.


The existing facility consists of a 100' monopole and related equipment building located at the L.P. Wilson Community Center off of Matianuck Avenue in Windsor. This facility was approved by the Connecticut Siting Council in its November 14, 1990 Decision and Order in Docket No. 137.

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 Windsor facility.

Respectfully yours,

  
Jennifer Young Gaudet  
Manager - Regulatory

Enclosure

cc: Honorable Francis J. Brady, 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 Francis J. Brady, Mayor  
Town Hall  
275 Broad Street  
Windsor, Connecticut 06095

Dear Mayor Brady:

Bell Atlantic NYNEX Mobile intends to make a minor change to its site located at the L.P. Wilson Community Center 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

# ROBINSON & COLE LLP

HARTFORD • STAMFORD • GREENWICH • NEW YORK • BOSTON

LAW OFFICES

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Kenneth C. Baldwin  
860-275-8345  
Internet: kbaldwin@rc.com

July 1, 1999

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

**RECEIVED**

JUL - 1 1999

CONNECTICUT  
SITING COUNCIL

**Re: Notice of Exempt Modification  
Siting Council Docket No. 137  
South Windsor, Connecticut**

Dear Mr. Rinebold:

Crown Atlantic Company LLC ("Crown") holds the Siting Council certificate for the existing telecommunications tower and related facility in South Windsor, Connecticut (Docket No. 137) by virtue of a certificate transfer from Bell Atlantic Mobile, approved by the Council on March 24, 1999. Crown intends to allow Nextel Communications, Inc. ("Nextel") to install antennas and related equipment at the existing facility in South Windsor. 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)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the South Windsor Town Manager, Matthew B. Galligan.

The existing facility consists of a 110-foot self-supporting monopole tower and related equipment located at 190 Burnham Street in South Windsor. This facility was approved by the Connecticut Siting Council on November 14, 1990. The tower currently supports antennas of Cellco Partnership d/b/a Bell Atlantic Mobile ("BAM").

Nextel plans to attach twelve (12) panel antennas at the 100-foot level on the tower and two receive-only GPS antennas at the 80-foot level on the tower. Nextel will install its equipment in BAM's existing equipment building at the base of the tower. (See Exhibit A.)

# ROBINSON & COLE LLP

Joel M. Rinebold

July 1, 1999

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The planned modifications to the South Windsor facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modification will not increase the height of the tower. Nextel's antennas will be installed with a center line of approximately 100 feet above ground level. The enclosed tower profile included in Exhibit A, confirms that the planned changes will not increase the overall height of the tower.

2. The installation of Nextel equipment within the existing equipment building will not require an extension of the site boundaries.

3. The proposed modification to the facility will not increase the noise levels at the existing facility by six decibels or more. The only additional noise will be from heating, ventilation and cooling equipment for Nextel's equipment.

4. The operation of the additional antennas will not increase the total radio frequency (RF) power density, measured at the site boundary, to a level at or above the applicable standard. The "worst-case" RF power density calculation for a point at the site boundary would be 0.0564 mW/cm<sup>2</sup> (9.7% of the standard) for BAM antennas and 0.0317 mW/cm<sup>2</sup> (5.59 % of the standard) for Nextel antennas. The calculated "worst-case" power density for the combined operations at the site is 15.29% of the standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, Crown respectfully submits that the proposed addition of antennas and equipment at the South Windsor facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

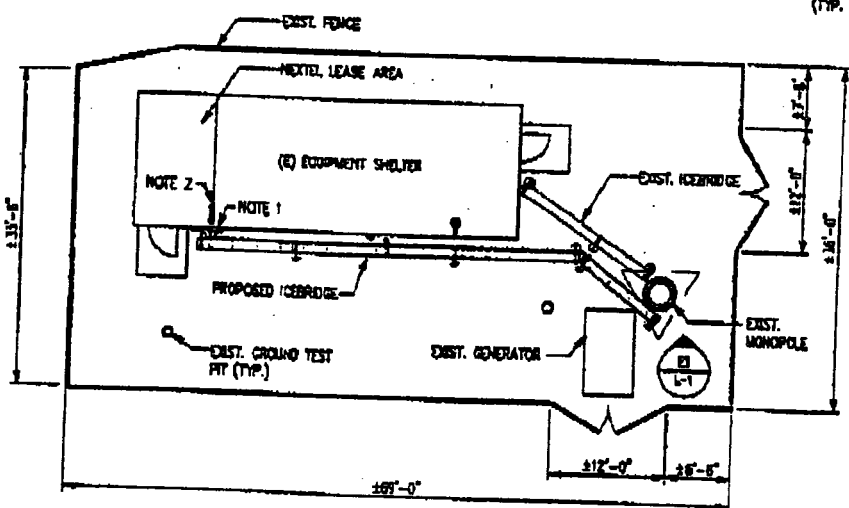
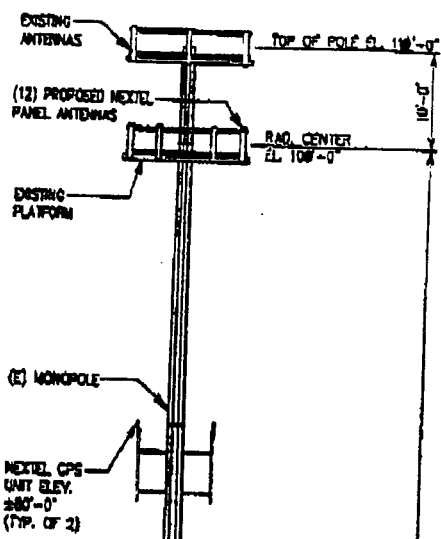


Kenneth C. Baldwin

KCB/kmd

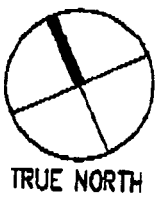
cc: Matthew B. Galligan, Town Manager  
Ronald C. Clark, Nextel Communications, Inc.  
Christopher F. Ciolfi, Crown Atlantic Company

Ka  
5/22/02



- NOTES:**
1. REMOVE EXISTING 2 POLE 100A CIRCUIT BREAKER AND FEEDER. PROVIDE A 2 POLE 200A CIRCUIT BREAKER TYPE AND INTERRUPTING RATING SHALL MATCH EXISTING. CONTRACTOR SHALL PROVIDE AND INSTALL IN RESULTING SPACE NEW 200A FEEDER (343/0+1#6C).
  2. REMOVE EXISTING 240V 1P, 100A PANELBOARD. PROVIDE 240V, 1P, 200A 42 POLE PANEL WITH 200A MAIN CIRCUIT BREAKER.

**ENLARGED PLAN**  
SCALE: 20'-1"=0'



**EXISTING MONOPOLE ELEVATION**  
20'-1"=0'

SUBMITTALS		
DATE	DESCRIPTION	REV.
05-20-98	LEASE EXHIBIT	

SITE ID:	CT-0744, SOUTH WINDSOR
TITLE:	LEASE EXHIBIT
JOB NO:	1690478.09
DRAWN:	C.A.S.
CHECKED:	J.S.



**URS Greiner**  
2020 K Street, N.W. Suite 310  
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PHONE: (202) 785-0147  
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SHEET NUMBER  
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