



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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

November 9, 1998

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

Re: DOCKET NO. 148 - Bell Atlantic Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of Clinton, Connecticut. Notice of Intent to Modify Facility. (EM-BAM-027-981019).

Dear Ms. Gaudet:

At a public meeting held on November 5, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Clinton, Connecticut, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated October 15, 1998. 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. 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 Engineering 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/RKE/jlh

c: Honorable James M. McCusker, Jr., First Selectman, Town of Clinton



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October 20, 1998

Honorable James M. McCusker, Jr.  
First Selectman  
Town of Clinton  
54 East Main Street  
Clinton, CT 06413

RE: DOCKET NO. 148 - Bell Atlantic Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in the Town of Clinton, Connecticut. Notice of Intent to Modify Clinton Facility. (EM-BAM-027-981019).

Dear Mr. McCusker:

On October 19, 1998, the Connecticut Siting Council (Council) received a request from Bell Atlantic Mobile to modify an existing telecommunications facility located off of Cow Hill Road in Clinton, Connecticut, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

The Council will consider this item at the next meeting tentatively scheduled for Thursday, November 5, 1998 at 1:30 p.m. in Hearing Room Three, Ten Franklin Square, New Britain, Connecticut.

Please call me or inform the Council if you have any questions or comments regarding this modification of an existing facility.

Thank you for your cooperation and consideration.

Very truly yours,

Joel M. Rinebold  
Executive Director

JMR/jlh

Enclosure: Notice of Intent

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

October 15, 1998

**RECEIVED**

OCT 19 1998

CONNECTICUT  
SITING COUNCIL

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

Re: Bell Atlantic Mobile - Clinton Cell Site (Docket No. 148)

Dear Mr. Rinebold:

Bell Atlantic Mobile ("BAM" or the "Company") plans to allow Nextel Communications of the Mid-Atlantic, Inc. ("Nextel") and Omnipoint Communications ("Omnipoint") to install antennas and related equipment at the existing BAM facility in Clinton, 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 First Selectman of Clinton.

The existing facility consists of a 210' lattice tower and an equipment building located off of Cow Hill Road in Clinton. This facility was approved by the Connecticut Siting Council in its May 5, 1992 Decision and Order in Docket No. 148.

Nextel will attach up to twelve panel antennas, Swedcom Model ALP 9011, approximately 43" in length, to the tower and install an equipment building, approximately 10' x 20', adjacent to the tower. Omnipoint will attach three panel antennas, Celwave Model APN199015, approximately 5' in length, to the tower and install one equipment cabinet within an approximately 9' x 15' area on the existing tower foundation pad.

The additions of Nextel's and Omnipoint's antennas and equipment to the tower site do 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. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b).

First, the height of the tower will be unaffected. Nextel's antennas will be installed with the center of radiation at approximately the 175' level of the tower. Omnipoint's antennas will be mounted at approximately the 135' level of the tower. In order to accommodate the additional loading, diagonal cross bracing between approximately the 40' and 60' and 100' and 147' levels of the tower will be replaced. The changes will not increase the height of the tower.

Second, as shown on the attached site plan, the proposed addition will not extend the site boundaries. Omnipoint's proposed equipment cabinet will be placed within a 9' x 15' area on the

Mr. Joel M. Rinebold

October 15, 1998

Page 2

tower foundation pad. Nextel's equipment shelter will be placed adjacent to the tower in the northern corner of the site compound. The proposed changes will have no effect on the site boundary.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. The only additional noise will be from heating, ventilating and cooling mechanisms for Nextel's and Omnipoint's equipment.

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 applicable ANSI/NCRP standards. A "worst-case" calculation for a point at the base of the tower indicates that BAM's, Springwiche's and Sprint's operations result in 7.37% of the applicable standard. A "worst-case" calculation for a point at the base of the tower indicates that Nextel's operations would add  $0.0106 \text{ mW/cm}^2$ , or 1.85% of the standard, and that Omnipoint's operations would add  $0.0192 \text{ mW/cm}^2$ , or 1.92% of the standard. Thus, the calculated "worst-case" power density for the combined wireless operations at the site is 11.14% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons, BAM respectfully submits that the proposed additions of antennas and equipment at the Clinton facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b).

Respectfully yours,

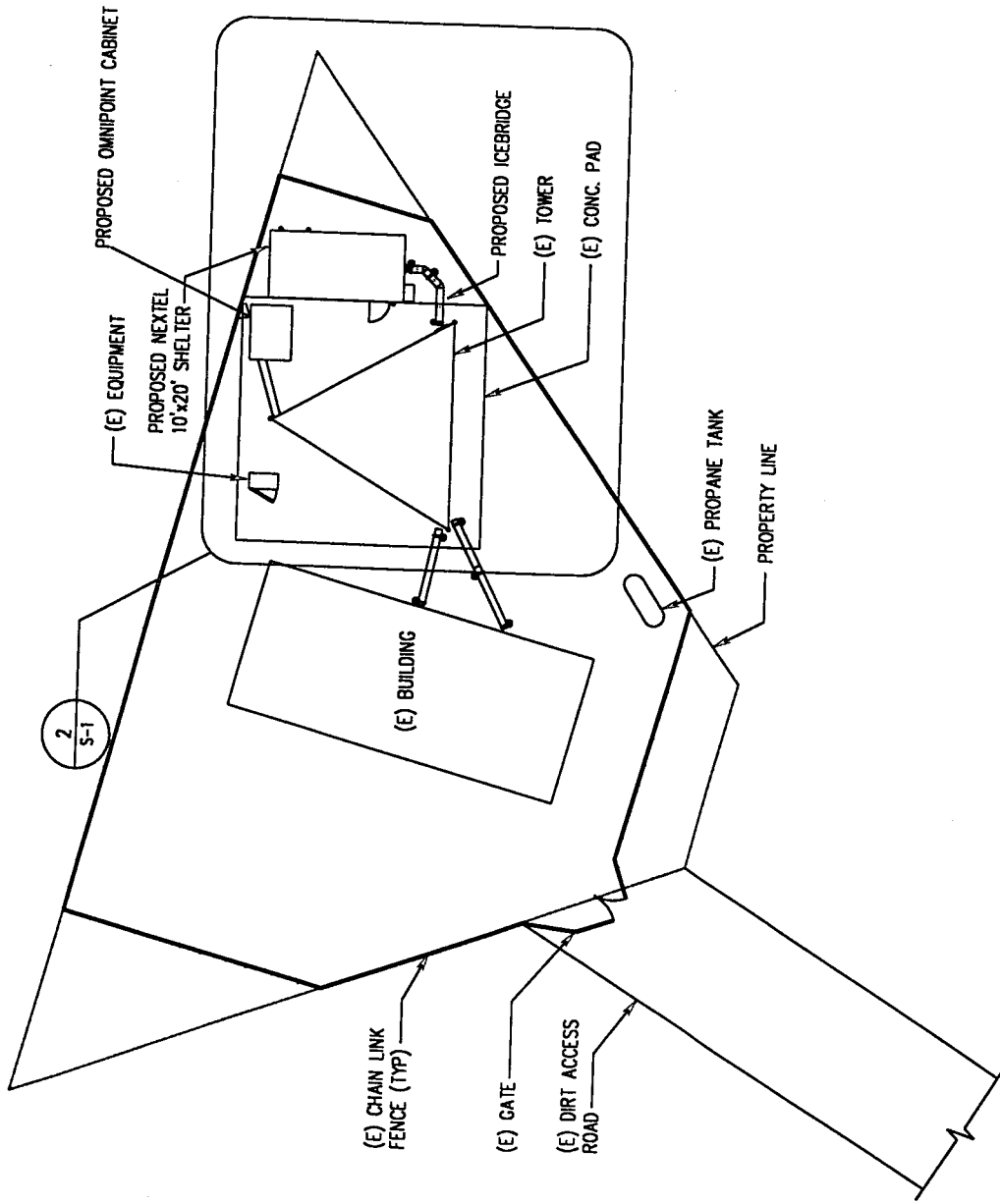


Jennifer Young Gaudet  
Manager - Regulatory

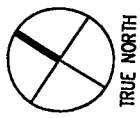
Enclosure

cc: Honorable James M. McCusker, Jr., First Selectman

# BELL ATLANTIC MOBILE CLINTON SITE

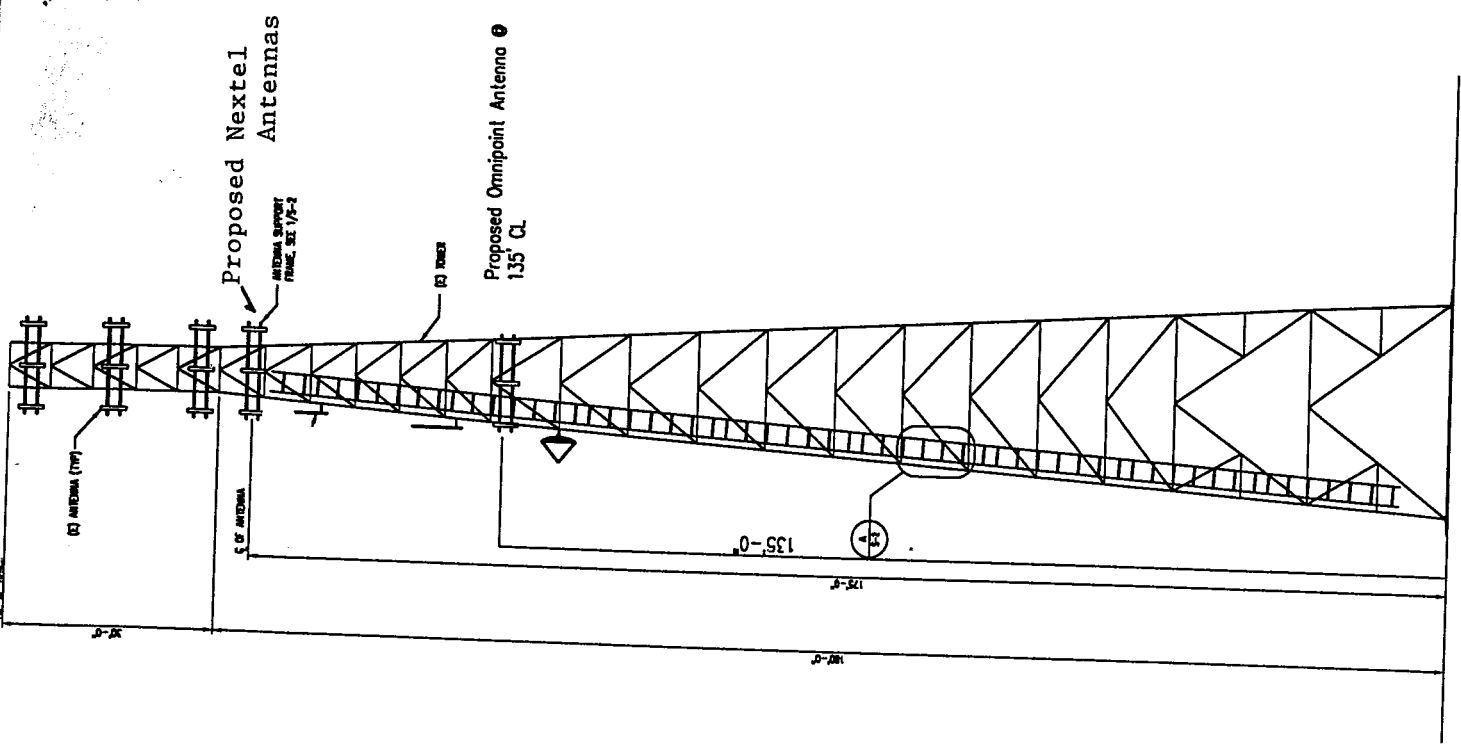


2  
S-1



1  
S-1

## SITE PLAN



## ELEVATION

2  
S-1

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

Jennifer Young Gaudet  
Manager - Regulatory

**RECEIVED**

OCT 19 1998

October 15, 1998

CONNECTICUT  
SITING COUNCIL

Honorable James M. McCusker, Jr.  
First Selectman  
54 East Main Street  
Clinton, Connecticut 06413

Dear First Selectman McCusker:

Consistent with the State policy of encouraging tower sharing, Bell Atlantic Mobile (the "Company") plans to allow Nextel Communications and Omnipoint Communications to share its telecommunications site in Clinton. 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