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August 4, 1999

## *Via Hand Delivery*

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

**Re: Notice of Exempt Modification  
Siting Council Docket No. 139  
Oliver Road  
Enfield, Connecticut**

RECEIVED  
AUG 10 1999  
LAW OFFICES  
KENNETH C. BALDWIN  
280 TRUMBULL STREET  
HARTFORD, CT 06103-3597

Dear Mr. Rinebold:

Crown Atlantic Company LLC ("Crown") holds the Siting Council certificate for the existing telecommunications tower and related facility in Enfield, Connecticut (Docket No. 139) by virtue of a certificate transfer from Bell Atlantic Mobile, approved by the Council on March 24, 1999. Crown intends to allow Pagenet, Inc. ("Pagenet") to install antennas and related equipment at the existing facility in Enfield. 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 Enfield Town Manager, Scott Shanley.

The existing facility consists of a 150-foot self-supporting monopole tower and related equipment located off Oliver Road in Enfield. This facility was approved by the Connecticut Siting Council on September 18, 1991. The tower currently supports antennas of Cellco Partnership d/b/a Bell Atlantic Mobile ("BAM"), Sprint PCS ("Sprint"), Nextel Communications ("Nextel") and Omnipoint Communications, Inc. ("Omnipoint").

Pagenet proposes to install three (3) whip-type antennas on the tower at the 105-foot level. Pagenet equipment will be located in a 5-foot x 5-foot equipment shelter in the southwesterly corner of the site compound.

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



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

December 11, 1997

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

Re: **DOCKET NO. 139 - Bell Atlantic 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 December 10, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in 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 here and in your notice dated December 3, 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. 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/sg

c: Honorable Timothy D. Larson, Mayor, Town 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

December 3, 1997

HAND DELIVERED

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

**RECEIVED**

DEC 03 1997

CONNECTICUT  
SITING COUNCIL

Re: Bell Atlantic Mobile - East Hartford Cell Site

Dear Mr. Rinebold:

Bell Atlantic Mobile ("BAM" or the "Company") plans to allow Omnipoint Communications, Inc. ("Omnipoint") to install antennas and related equipment at the existing BAM 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 110' monopole and a related equipment compound 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**. Pursuant to a Council ruling on Petition No. 375, the site was expanded to allow tower sharing by Sprint Spectrum, L.P.

Omnipoint plans to attach to the tower six panel antennas, Celwave Model APN199015, approximately 5' in height, and one small related Global Positioning Satellite System ("GPS") receive-only antenna; and to install one equipment cabinet on a pad within the compound.

The addition of Omnipoint's antennas and equipment 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. 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. Omnipoint's panel antennas will be placed on the tower with the center of radiation at approximately the 85' level of the tower; the GPS antenna will be placed at the 50' level. Each panel antenna will extend up and down

Mr. Joel M. Rinebold  
December 3, 1997  
Page 2

approximately 2 1/2 feet from its center of radiation. Thus, the additional antennas will extend no higher than the 88' level of the 110' tower, as shown on the enclosed tower drawing.

Second, the proposed additions, as reflected on the attached site plan, will not extend the site boundaries. The proposed equipment cabinet will be located on a concrete pad, approximately 5' x 10', to be constructed within the fenced compound area. The proposed changes will have no effect on the site boundary established as a result of Petition No. 375.

Third, the proposed additions will not increase the noise levels at the existing facility by six decibels or more. The only additional noise will be from cooling mechanisms for the equipment cabinet.

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 cellular operations result in 0.0564 mW/cm<sup>2</sup>, or 9.68% of the standard (0.583 for BAM's cellular frequencies) and that Sprint's operations result in 0.0512 mW/cm<sup>2</sup>, or 5.12% of the standard (1.000 mW/cm<sup>2</sup> for Sprint's frequencies). A "worst-case" calculation for a point at the base of the tower indicates that Omnipoint's antennas would add 0.0485 mW/cm<sup>2</sup>, or 4.85% of the standard (1.000 mW/cm<sup>2</sup> for Omnipoint's frequencies). Thus, the calculated "worst-case" power density for the combined operations at the site is 19.65% 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 associated equipment at the East Hartford facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b).

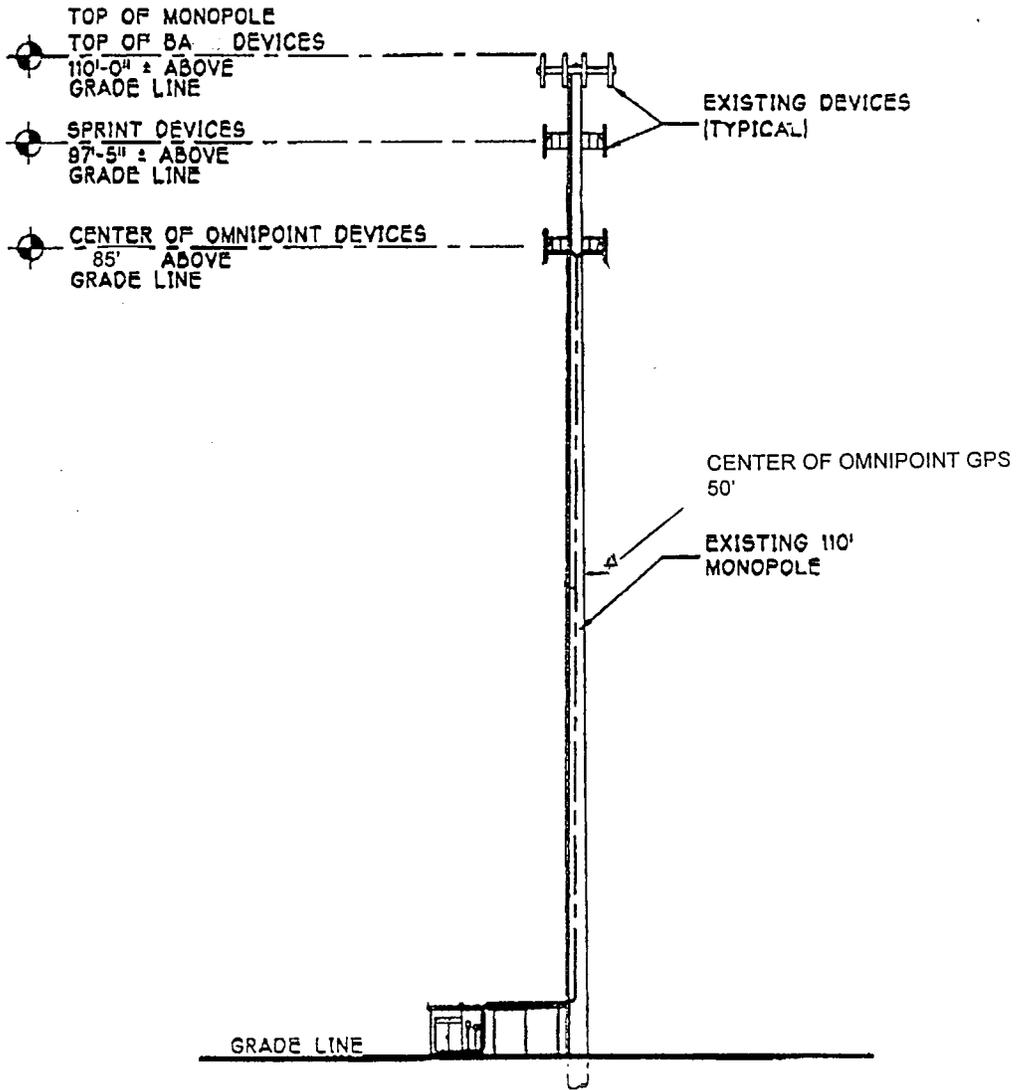
Respectfully yours,



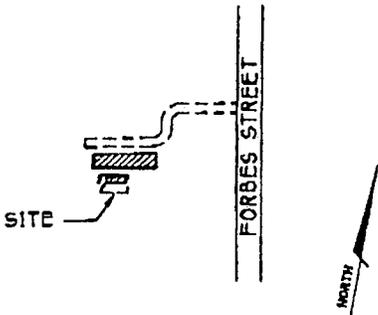
Jennifer Young Gaudet  
Manager - Regulatory

Enclosures

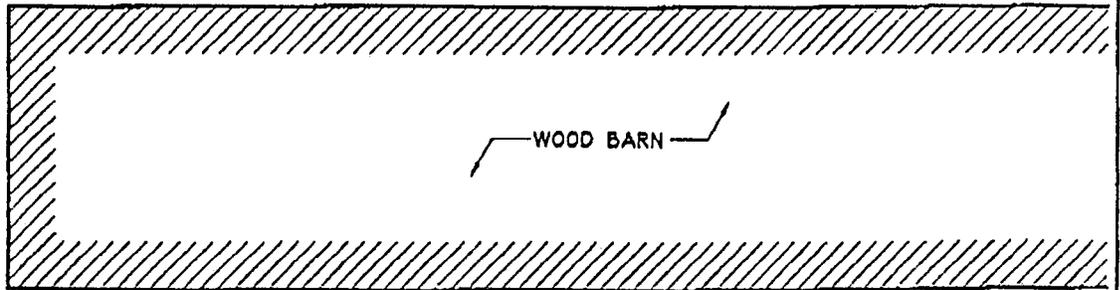
cc: Honorable Timothy D. Larson, Mayor



NOTE: NORTH AS PROVIDED BY SANM



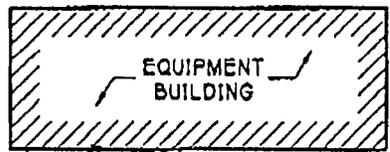
2 KEY MAP  
A-1 NOT TO SCALE



NEW 60' DUAL POL DEVICE MOUNTED TO EXISTING MONOPOLE WITH STANDOFF MOUNTS, SEE A-2 AND A-3

EXISTING CHAIN LINK FENCE

GATE



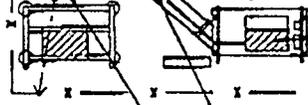
THIS LINE OF FENCE IS APPROXIMATELY 345' TRUE

EXISTING GENERATOR

NEW 300' DUAL POL DEVICE MOUNTED TO EXISTING MONOPOLE WITH STANDOFF MOUNTS, SEE A-3



NEW NORTEL S8000 CABINET AND BASE MOUNTED ON NEW 5' X 10' CONCRETE SLAB, SEE A-2



NEW COAXIAL CABLES ROUTED ON NEW ICE BRIDGE TO EXISTING MONOPOLE THEN UP TO NEW DEVICES ABOVE, SEE A-2

NEW 180' DUAL POL DEVICE MOUNTED TO EXISTING MONOPOLE WITH STANDOFF MOUNTS, SEE A-3

ROBERT P. JUENGERT

1 SITE LAYOUT  
A-1 1" = 20'-0"



CT-04-208

<p>670 North Beers Street, Building 2, Holmdel, NJ 07733 Tel: 732.739.3200 Fax: 732.739.0440</p>	Drawing Title: <b>PLANS</b>		Project: <b>EAST HARTFORD</b>		Address: <b>FORBES STREET EAST HARTFORD, CT</b>	Approved By: PROJ. MGR: _____ DATE: _____ R.F. ENGR: _____ DATE: _____ SAC: _____ DATE: _____ OWNER: _____ DATE: _____	Revision No.    Date _____ _____ Drawing No. <b>A-1</b>
	Client: 		ARCHNET Project No. <b>A96.506.401A</b>				
Search Area: <b>EAST HAMPTON-2</b> See 10 No: CT-11-186-A	P.C. Desig: <b>JL</b>	P.C. Draw: <b>JL</b>	Designer: <b>JL</b>	Originator: <b>SAF</b>	Date: <b>10/6/97</b>		

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

Jennifer Young Gaudet  
Manager - Regulatory

December 3, 1997

Honorable Timothy D. Larson, Mayor  
Town Hall  
740 Main Street  
East Hartford, Connecticut 06108

Dear Mayor Larson:

Consistent with the State policy of encouraging tower sharing, Bell Atlantic Mobile (the "Company") plans to allow Omnipoint Communications, Inc. to share its telecommunications site located off of Forbes Street in East Hartford. 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