



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

February 10, 1998

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 Enfield Facility.

Dear Ms. Gaudet:

At a public meeting held on February 5, 1998, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Enfield, 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 January 20, 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 dark ink, appearing to read "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable Mary Lou Strom, Mayor, Town of Enfield

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

Jennifer Young Gaudet
Manager - Regulatory

January 20, 1998

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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 Mobile - Enfield Cell Site (Docket No. 139)

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 Enfield, 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 Enfield.

The existing facility consists of a 150' monopole tower, two equipment shelters and an equipment pad with cabinets located off of Oliver Road in Enfield. This facility was approved by the Connecticut Siting Council in its March 11, 1991 Decision and Order in Docket No. 139. The site is currently shared with Sprint Spectrum L.P. ("Sprint") and Nextel Communications ("Nextel").

Omnipoint will mount six panel antennas, Celwave Model APN199015, approximately 5' in height, at approximately the 115' level of the tower and one small GPS receive-only antenna at approximately the 50' level of the tower. Omnipoint will install one equipment cabinet on a concrete pad adjacent to the existing tower.

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 type antennas will be installed with the center of radiation at approximately the 115' level of the tower. Each

Mr. Joel M. Rinebold
January 20, 1998
Page 2

antenna will extend up and down approximately 2 1/2' feet from its center of radiation. Thus, the additional antennas will not extend the current total structure height.

Second, the proposed addition, as reflected on the attached site plan, will not extend the site boundaries. The proposed equipment shelter will be constructed adjacent to the tower within the existing fenced area.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. The only incremental noise will be from cooling mechanisms for Omnipoint's 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 operations result in 0.0316 mW/cm^2 , or 5.42% of the applicable standard; Sprint's operations result in 0.0265 mW/cm^2 , or 2.65% of the standard; and Nextel's operations result in 0.0115 mW/cm^2 , or 2.01% of the standard. A "worst-case" calculation for a point at the base of the tower indicates that Omnipoint's operations would add 0.0265 mW/cm^2 , or 2.65% of the standard. Thus, the calculated "worst-case" power density for the combined operations at the site is 12.73% of the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

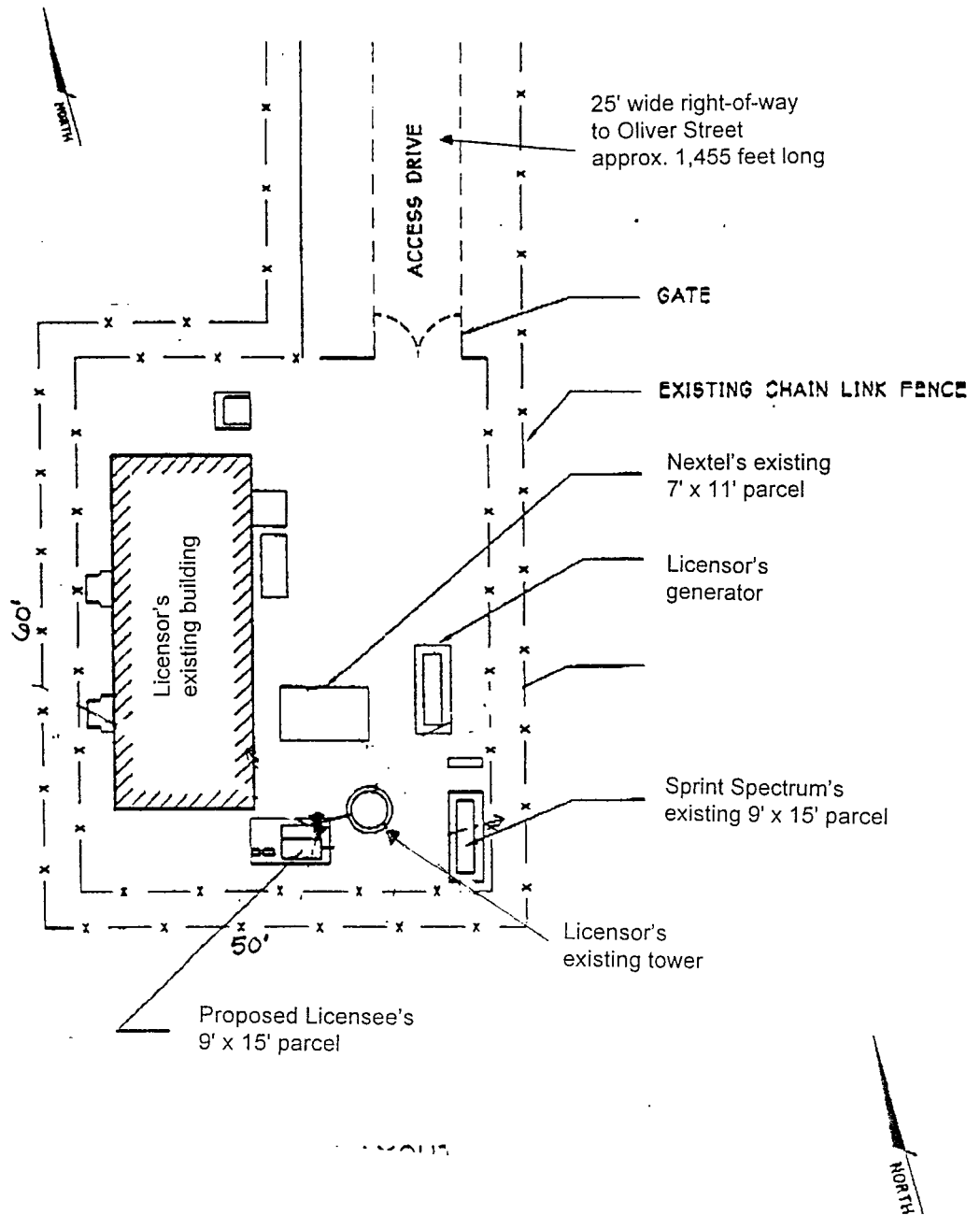
For the foregoing reasons, BAM respectfully submits that the proposed addition of antennas and equipment at the Enfield facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b).

Respectfully yours,



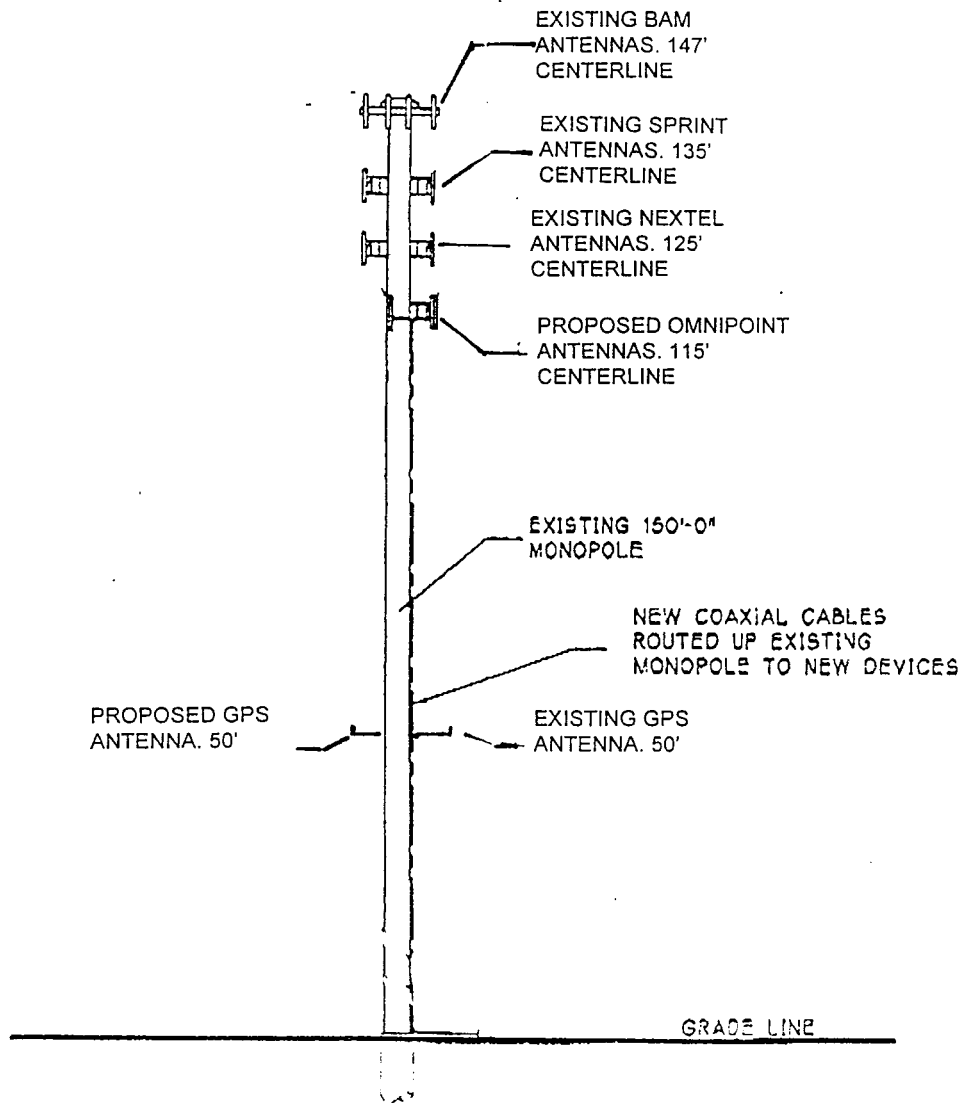
Jennifer Young Gaudet
Manager - Regulatory

cc: Honorable Mary Lou Strom, Mayor



Bell Atlantic Mobile
Oliver Rd. Enfield, CT

Proposed Installation of
Omnipoint Communications



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

Jennifer Young Gaudet
Manager - Regulatory

January 20, 1998

Honorable Mary Lou Strom, Mayor
820 Enfield Street
Enfield, CT 06082

Dear Mayor Strom:

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 off of Oliver Road in Enfield. 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 the plans for the site 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