



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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

December 19, 1997

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

Re: **DOCKET NO. 169 - Bell Atlantic Mobile Certificate of Environmental Compatibility and Public Need for a telecommunications facility in Marlborough, Connecticut. Notice of Intent to Modify Facility.**

Dear Ms. Gaudet:

At a public meeting held on December 18, 1997, the Connecticut Siting Council (Council) acknowledged your notice to modify this existing telecommunications facility in Marlborough, 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 10, 1997 and errata dated December 16, 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 and the Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. 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,

Mortimer A. Gelston
Chairman

MAG/RKE/sg

c: Honorable Howard Dean, First Selectman, Town of Marlborough

© Bell Atlantic NYNEX Mobile

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

Jennifer Young Gaudet
Manager - Regulatory

December 16, 1997

RECEIVED

DEC 16 1997

CONNECTICUT
SITING COUNCIL

VIA FAX

Mr. Robert Erling
Connecticut Siting Council
10 Franklin Square
New Britain, Connecticut 06051

Re: Bell Atlantic Mobile - Marlborough Cell Site - Filing of December 10, 1997

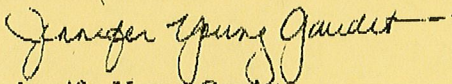
Dear Mr. Erling:

In response to your questions about Bell Atlantic Mobile's ("BAM's") notice of exempt modification, dated December 10, 1997, for BAM's Marlborough facility, please make the following corrections to the filing:

- On page 1, paragraph 2, line 1, please substitute "monopole" for "lattice." The tower drawing attached to the notice correctly shows a monopole tower.
- On page 2, please delete the first line, which duplicates the last line on page 1.

BAM apologizes for any inconvenience caused by these errors.

Respectfully yours,


Jennifer Young Gaudet
Manager - Regulatory

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

Jennifer Young Gaudet
Manager - Regulatory

December 10, 1997

HAND DELIVERED

RECEIVED

DEC 10 1997

CONNECTICUT
SITING COUNCIL

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

Re: Bell Atlantic Mobile - Marlborough Cell Site

Dear Mr. Rinebold:

Bell Atlantic Mobile ("BAM" or the "Company") plans to allow Sprint Spectrum L.P. ("Sprint") and Omnipoint Communications, Inc. ("Omnipoint") to install antennas and related equipment at the existing BAM facility in Marlborough, 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 Marlborough.

The existing facility consists of a 160' lattice tower and an equipment shelter located off of North Main Street in Marlborough. This facility was approved by the Connecticut Siting Council in its September 27, 1995 Decision and Order in **Docket No. 169.**

Sprint plans to attach to the tower nine panel antennas, Decibel Model DB980H90, approximately 5' in height; and to install up to six equipment cabinets on a frame adjacent to the tower. Omnipoint plans to attach to the tower six panel antennas, Celwave Model APN199015, approximately 5' in height, and one small Global Positioning Satellite System ("GPS") receive-only antenna; Omnipoint will install one equipment cabinet on a concrete pad adjacent to the tower. BAM will also place a GPS antenna on the tower and install a back-up emergency generator and associated propane tank on concrete pads within the compound.

The addition of Sprint's and Omnipoint's antennas and equipment and BAM's GPS antenna and generator 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. Sprint's panel antennas will be placed on the tower with the center of radiation at the 132' level of the tower. Omnipoint's panel antennas will be placed on the tower with the center of radiation at the 100' level of the tower and its GPS antenna will be mounted at the 50' level. BAM's GPS antenna will be placed on the top platform, where BANM's

Mr. Joel M. Rinebold
December 10, 1997
Page 2

be mounted at the 50' level. BAM's GPS antenna will be placed on the top platform, where BANM's other antennas are located, and will not extend above the existing antennas. As shown on the enclosed tower drawing, the planned changes will not increase the overall height of the tower.

Second, the proposed additions, as reflected on the attached site plan, will not extend the site boundaries. Sprint's and Omnipoint's proposed equipment cabinets will be located adjacent to the tower within the existing fenced area. BAM's generator and propane tank, approved by the Connecticut Department of Environmental Protection on September 30, 1997, will be located on existing concrete pads. The proposed changes will have no effect on the site boundary.

Third, the proposed additions will not increase the noise levels at the existing facility by six decibels or more. The only additional noise from the generator will be during power outages and routine exercising of the generator for maintenance purposes; the only additional noise from Sprint's and Omnipoint's equipment will be from cooling mechanisms for the equipment cabinets.

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 0.0277 mW/cm^2 , or 4.75% of the standard and that Springwich Cellular Limited Partnership's cellular operations result in 0.0339 mW/cm^2 , or 5.74% of the standard in The municipal antennas will add 6.03% of the standard applicable to the municipal frequencies. A "worst-case" calculation for a point at the base of the tower indicates that Sprint's operations would add 0.0277 mW/cm^2 , or 2.77% of the standard, and that Omnipoint's operations would add 0.0351 mW/cm^2 , or 3.51% of the standard. Thus, the calculated "worst-case" power density for the combined operations at the site is 22.80% 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 Marlborough facility constitute an exempt modification under R.C.S.A. § 16-50j-72(b).

Respectfully yours,



Jennifer Young Gaudet
Manager - Regulatory

Enclosure

cc: Honorable Howard Dean, First Selectman

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

Jennifer Young Gaudet
Manager - Regulatory

December 10, 1997

Honorable Howard Dean
First Selectman, Town of Marlborough
North Main Street
P.O. Box 29
Marlborough, Connecticut 06447

Dear First Selectman Dean:

Consistent with the State policy of encouraging tower sharing, Bell Atlantic Mobile (the "Company") plans to allow Sprint Spectrum L.P. and Omnipoint Communications, Inc. to share its telecommunications site located off of North Main Street in Marlborough. 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).

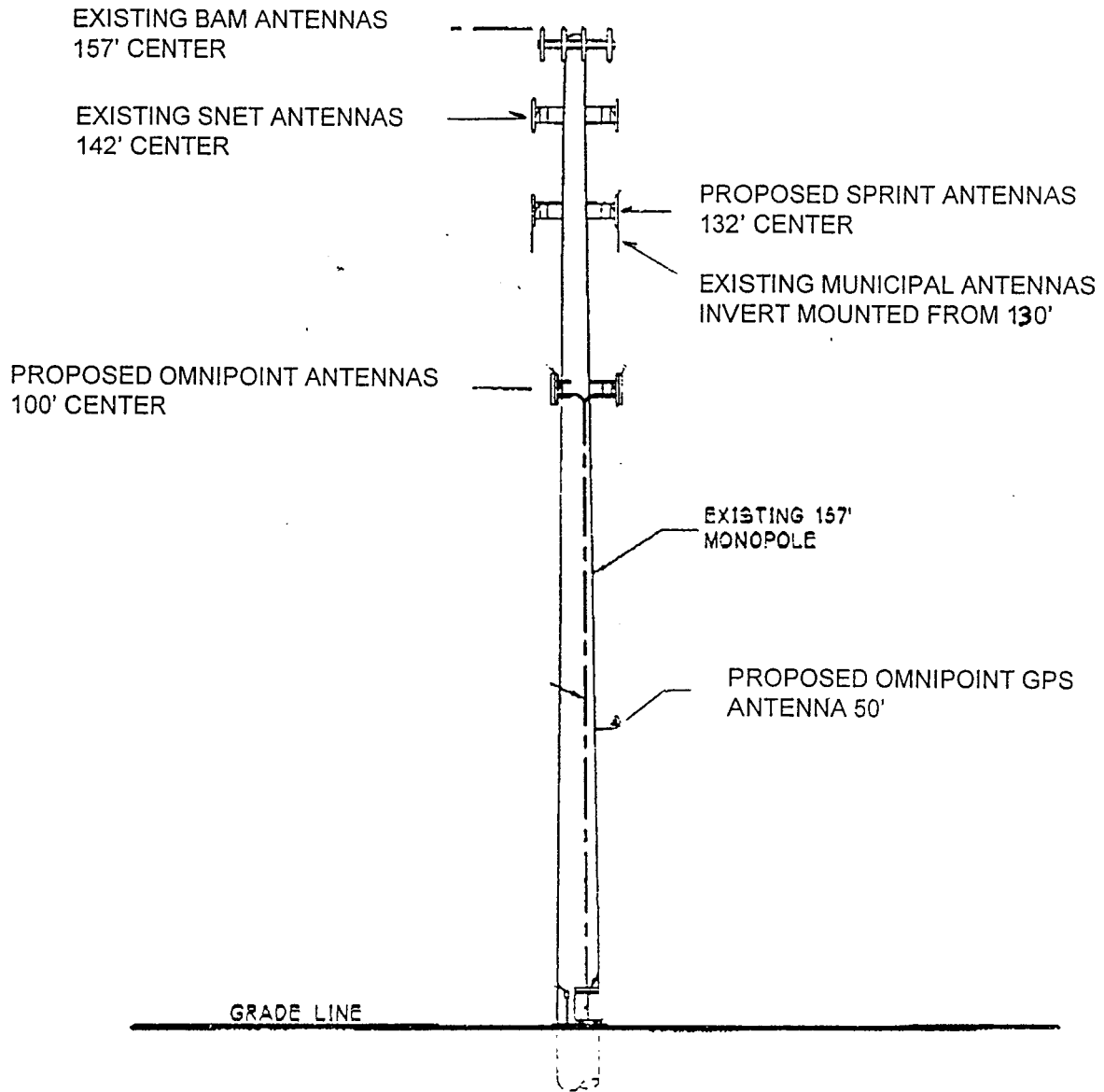
The attached letter fully sets forth the Company's proposal. However, if you have any questions or require any further information on the plans for the site or the Siting Council's procedures, please contact the undersigned at (203) 949-2805 or Mr. Joel M. Rinebold, Executive Director of the Connecticut Siting Council, at (860) 827-2935.

Sincerely,

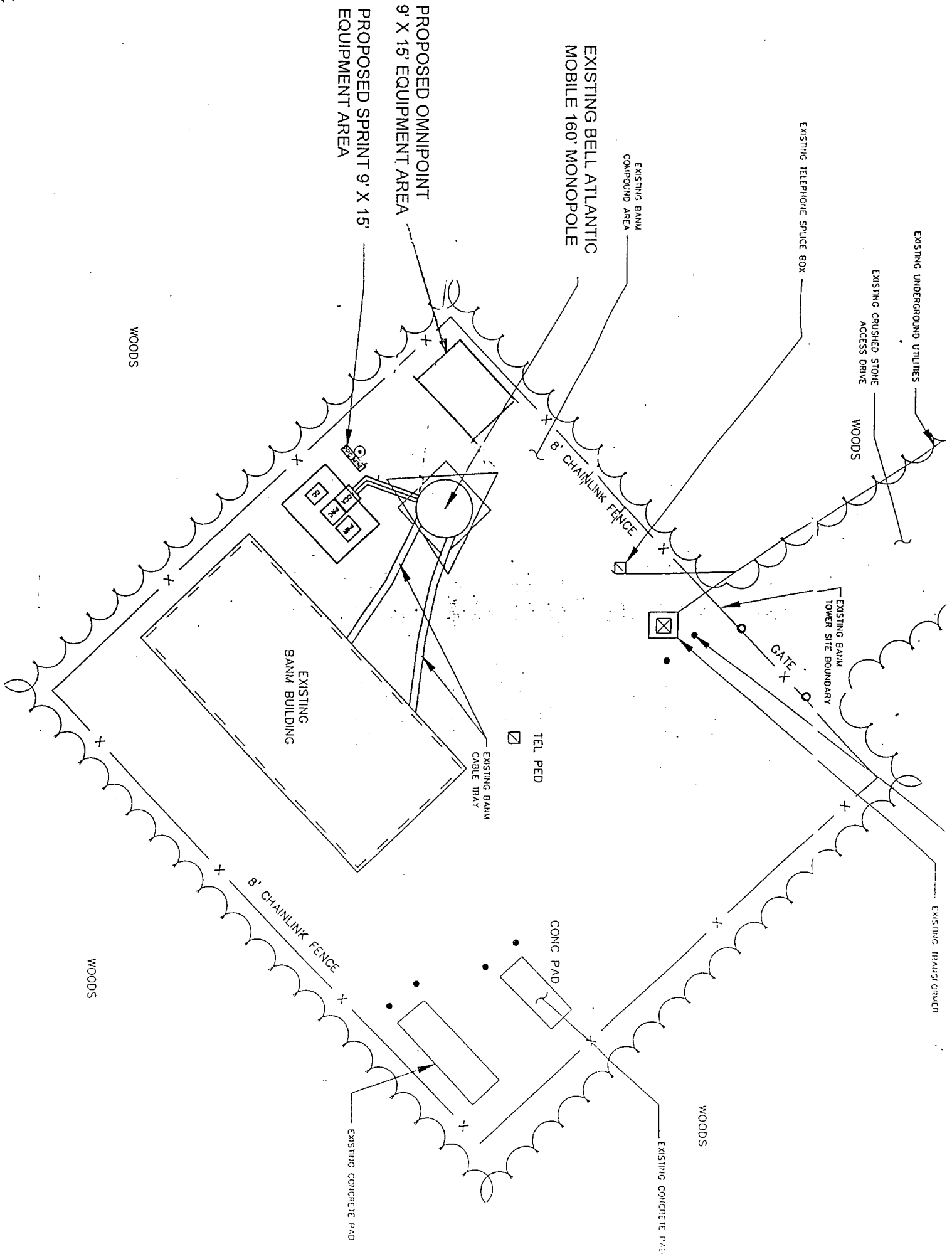


Jennifer Young Gaudet
Manager - Regulatory

Enclosure



ADDRESS NORTH MAIN STREET
MARLBOROUGH, CT



EXISTING UNDERGROUND UTILITIES

EXISTING CRUSHED STONE ACCESS DRIVE

WOODS

EXISTING TELEPHONE SPLICER BOX

EXISTING BANNA COMPOUND AREA

EXISTING BELL ATLANTIC MOBILE 160' MONOPOLE

8' CHAINLINK FENCE

EXISTING BANNA TOWER SITE BOUNDARY

GATE X

TEL PED

PROPOSED OMNIPPOINT 9' X 15' EQUIPMENT AREA

PROPOSED SPRINT 9' X 15' EQUIPMENT AREA

EXISTING BANNA BUILDING

EXISTING BANNA CABLE TRAY

8' CHAINLINK FENCE

CONC PAD

EXISTING TRANSFORMER

WOODS

EXISTING CONCRETE PAD

WOODS

WOODS