



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051-4225
Phone: 827-7682

December 22, 1994

David S. Malko, P.E.
General Manager - Engineering
Bell Atlantic Mobile
20 Alexander Drive, P.O. Box 5029
Wallingford, CT 06492

RE: Metro Mobile CTS of New London, Inc., and Metro Mobile CTS of Hartford, Inc., notice of intent to modify existing telecommunications facilities and associated equipment located south of Route 80 near the Deep River town line in Killingworth, off Cow Hill Road in Clinton, and off Roxbury Road in East Lyme, Connecticut.

Dear Mr. Malko:

At a meeting held December 20, 1994, the Connecticut Siting Council (Council) acknowledged your notice of intent to modify existing tower sites south of Route 80 near the Deep River town line in Killingworth, off Cow Hill Road in Clinton, and off Roxbury Road in East Lyme, Connecticut, pursuant to section 16-50j-73 of the Regulations of Connecticut State Agencies (RCSA).

The modifications are to be implemented as specified in your notice dated December 7, 1994. The modifications are in compliance with the exception criteria in RCSA section 16-50j-72(b) as changes to existing facility sites that would not increase tower height, extend the boundaries of the tower sites, increase noise levels at the tower site boundaries by 6 decibels, and increase the total radio frequency electromagnetic radiation power density measured at the tower site boundaries to or above the standard adopted by the State Department of Environmental Protection pursuant to section 22a-162 of the Connecticut General Statutes.

This shared use of existing towers serves the public interest by avoiding proliferation of additional unnecessary tower structures.

Please notify the Council when all work is complete.

Very truly yours,

Mortimer A. Gelston
Chairman

MAG/RKE/ss

cc: Honorable Gerald B. Lucas, First Selectman, Town of Killingworth
Honorable James McCusker, First Selectman, Town of Clinton
Honorable David L. Cini, First Selectman, Town of East Lyme

Bell Atlantic Mobile
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203 269-8858

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David S. Malko, P.E.
General Manager - Engineering

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**CONNECTICUT
SITING COUNCIL**

December 7, 1994

Mr. Joel M. Rinebold, Executive Director
Connecticut Siting Council
136 Main Street
Suite 401
New Britain, Connecticut 06051

Re: Metro Mobile CTS of New London, Inc. and Metro Mobile CTS of Hartford, Inc. - Killingworth, Haddam, Clinton and East Lyme Cell Sites

Dear Mr. Rinebold:

Metro Mobile CTS of New London, Inc. and Metro Mobile CTS of Hartford, Inc., ("Metro Mobile" or the "Company") plans to add microwave antennas and transmitting equipment at its existing tower facilities in Killingworth, Haddam, Clinton and East Lyme, Connecticut. The addition of these antennas will enable the Company to establish a microwave-based connection between the cell sites and the Wallingford MTSO. Please accept this letter as notice of intent, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b). In further compliance with R.C.S.A. Section 16-50j-73, a copy of this letter is being sent to the chief elected officials of the municipalities involved.

The existing facility in Killingworth is a 160' self-supporting lattice tower and equipment shelter and was approved by the Council on February 18, 1987 in Docket No. 69. The facility is owned by Metro Mobile and is located just south of Route 80 near the Deep River town line. Metro Mobile plans to add three six foot diameter, solid microwave dishes, one each, at the 85', 98', and 125' above ground levels (AGL). There will be no changes to the existing building.

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Joel M. Rinebold
December 7, 1994

The existing facility in Haddam consists of a 180' self-supporting lattice tower and equipment shelter and was approved by the Council on July 11, 1986 in Docket No. 58. The facility is owned by Metro Mobile and is located on Turkey Hill Road. Metro Mobile plans to add two six foot diameter, solid microwave dishes, one each, at 90' and 125' AGL. There will be no change to the existing equipment shelter.

The existing facility in Clinton consists of a 210' self-supporting lattice tower and equipment shelter and was approved by the Council on May 5, 1992 in Docket No. 148. The facility is owned by Metro Mobile and is located off Cow Hill Road in Clinton. The Company plans to add one six foot diameter, solid microwave dish at 130' AGL. There will be no changes to the existing building.

The existing facility in East Lyme consists of a 150' self-supporting lattice tower and equipment shelter and was approved by the Council on January 3, 1990 in Docket No. 116. The facility is owned by Metro Mobile and is located on Town property (also containing the Town landfill) off Roxbury Road in East Lyme. The Company plans to add one six foot diameter, solid microwave dish at 145' AGL. There will be no changes to the existing building.

The addition of Metro Mobile's microwave antennas and equipment at the sites does not constitute a modification as defined in C.G.S. Section 16-50i(d) because the general physical characteristics of the facilities will not be significantly changed or altered. Rather, the planned additions fall squarely within those activities explicitly provided for in R.C.S.A. Section 16-50j-72(b).

First, the height of the existing towers will be unaffected. All of the dishes are proposed to be mounted below the tops of the towers.

Second, the proposed additions will not extend the site boundaries. The microwave electronics will be installed in the existing structures at the sites. No strengthening of the towers is necessary to support the additional loading.

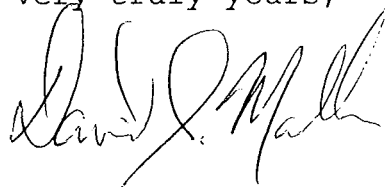
Third, the proposed additions will not increase the noise levels at the existing facilities by six decibels or more. The only noise associated with the operation of the sites will be from air conditioning and emergency power equipment, when in use, and will be comparable to what is at the sites today.

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Joel M. Rinebold
December 7, 1994

Fourth, operation of the proposed antennas will not increase the total radio frequency electromagnetic radiation power density, measured at the base of the towers, to a level at or above the ANSI standard. The standard for the proposed microwave frequencies to be used (approximately 6200 MHz) is 4.133 mw/cm². A conservative "worst-case" calculation for a point at the base of the tower indicates that the operation of the proposed microwave system will add no more than 0.00025 mw/cm² (0.006% of the standard) per microwave dish to any site. Since all sites are currently operating at levels well below the applicable standards, the addition of approximately 1/100th of one percent of the ANSI standard does not result in any measurable change at the sites and does not cause the site to exceed the standards as calculated for a mixed frequency site.

For the foregoing reasons, Metro Mobile respectfully submits that the planned additions of antennas and associated equipment at the Killingworth, Haddam, Clinton and East Lyme facilities constitute exempt modifications under R.C.S.A. Section 16-50j-72(b).

Very truly yours,



David S. Malko, P.E.
General Manager - Engineering

Attachments

cc:

Honorable Gerald B. Lucas, First Selectman, Town of Killingworth
Honorable Marjorie DeBold, First Selectman, Town of Haddam
Honorable James McCusker, First Selectman, Town of Clinton
Honorable David L. Cini, First Selectman, Town of East Lyme

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

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General Manager - Engineering

December 7, 1994

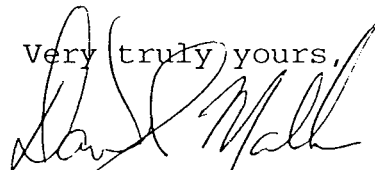
The Honorable Gerald B. Lucas, First Selectman
Town of Killingworth
Town Office Building
323 Route 81
Killingworth, CT 06419

Dear Selectman Lucas:

Metro Mobile CTS of Hartford, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in Killingworth. 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 dated December 7, 1994, as notice of intent of our exempt modification to an existing tower facility 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 or Mr. Joel M. Rinebold, Executive Director, Connecticut Siting Council at 827-7682.

Very truly yours,



David S. Malko, P.E.
General Manager - Engineering

Attachment

Bell Atlantic Mobile
20 Alexander Drive
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Wallingford, CT 06492
203 269-8858

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General Manager - Engineering

December 7, 1994

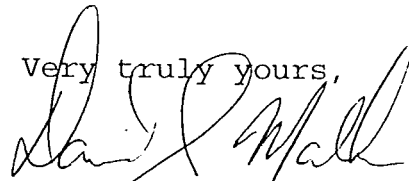
The Honorable Marjorie DeBold, First Selectman
Town of Haddam
Town Office Building
30 Field Park Drive
P. O. Box 87
Haddam, CT 06438

Dear Selectman DeBold:

Metro Mobile CTS of Hartford, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in Haddam. 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 dated December 7, 1994, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72(b).

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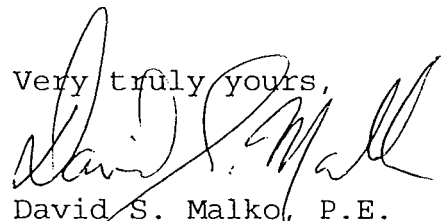
December 7, 1994

The Honorable James McCusker, First Selectman
Town of Clinton
54 East Main Street
Clinton, CT 06413

Dear Selectman McCusker:

Metro Mobile CTS of Hartford, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility 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 dated December 7, 1994, as notice of intent of our exempt modification to an existing tower facility pursuant to R.C.S.A. Section 16-50j-72 (b).

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General Manager - Engineering

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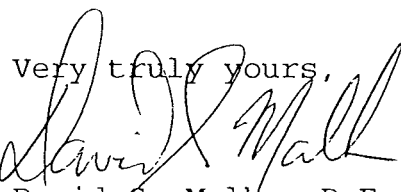
December 7, 1994

The Honorable David L. Cini, First Selectman
Town of East Lyme
Town Hall
108 Pennsylvania Avenue
P. O. Box 519
Haddam, CT 06357

Dear Selectman Cini:

Metro Mobile CTS of New London, Inc. ("Metro Mobile" or the "Company") plans to add microwave antennas at its existing tower facility in East Lyme. 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 dated December 7, 1994, as notice of intent of our exempt modification to an existing tower facility 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 or Mr. Joel M. Rinebold, Executive Director, Connecticut Siting Council at 827-7682.

Very truly yours,

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General Manager - Engineering

Attachment

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