



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

November 21, 1991

Mr. David S. Malko, P.E.
Manager, Engineering & Regulatory Service
Metro Mobile CTS of the Northeast, Inc.
20 Alexander Drive
Wallingford, CT 06492

RE: CONN-2 RSA Partnership notice of intent to modify an existing telecommunications tower and associated equipment owned by Tele-Media Company of Northeast Connecticut, located at 61 Lowell Davis Road, in the Town of Thompson, Connecticut.

Dear Mr. Malko:

At a meeting on November 20, 1991, the Connecticut Siting Council acknowledged your notice of intent to install four cellular antennas and related equipment at an existing tower facility located at 61 Lowell Davis Road in Thompson, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modifications are to be implemented as specified in your notice dated October 30, 1991. As proposed, the modifications are in compliance with the exception criteria specified in RSA 16-50j-72 as changes to an existing facility site that do not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary six decibels, and add radio frequency sending or receiving capability which increases 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 Section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of an existing tower meets the Council's long-term goal and the public interest to avoid proliferation of additional tower structures.

Please notify the Council upon completion of construction.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Mortimer A. Gelston".

Mortimer A. Gelston
Chairman

MAG/TEF/bd

5663E

METRO MOBILE

ORIGINAL

The Cellular Phone Company
20 Alexander Drive
P.O. Box 5029
Wallingford, CT 06492
203-269-8858

October 29, 1991

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

RECEIVED

OCT 30 1991

CONNECTICUT
SITING COUNCIL

Re: CONN-2 RSA Partnership - Thompson

Dear Mr. Rinebold:

CONN-2 RSA Partnership ("CONN-2" or the "Partnership") plans to install cellular antennas and related equipment at the existing tower facility owned by Tele-Media Company of Northeast Connecticut in Thompson, Connecticut. Please accept this letter as notification, 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).

The existing facility is a 250' guyed tower located on a 2.84 acre parcel at 61 Lowell Davis Road in Thompson. CONN-2 plans to install four omni-directional whip-type antennas on the tower. The Partnership will also construct a prefabricated 12' x 21' equipment shelter on the site to house its electronic equipment.

The addition of CONN-2's antennas, building, and equipment to the tower site does not constitute a modification as defined in C.G.S. Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned use of the facility falls squarely within those activities which explicitly do not constitute a modification to an existing tower, as set forth in R.C.S.A. Section 16-50j-72(b).

First, the height of the existing facility will be unaffected. Four antennas, two Model PD-1110R and two Model PD-10017, will be mounted on two sidearms with the antenna bases at the 235' level of the tower. The antennas will extend approximately 10' upward and 15' downward from their mounting points. Thus, the antennas will extend no higher than the 245' level of the 250' tower. The tower will not require any structural modification to support the proposed attachments.

Second, the proposed addition will not extend the boundaries of the site (See attached site plan). The equipment shelter will be within the current boundaries of the parcel.

Third, the proposed addition will not increase the noise levels at the existing facility by six decibels or more. Except during construction, the only noise associated with the equipment will be from air conditioning and temporary emergency power equipment (portable generator), when in use.

Fourth, operation of the additional antennas will not increase the total radio frequency electromagnetic radiation power density measured at the tower site boundary to a level at or above the State Department of Environmental Protection standard. The following table summarizes the power density at the site boundary from the various sources on the tower (including CONN-2's 875 MHz cellular transmission) in relation to the standard.

<u>Frequency</u> (MHz)	<u>Power Density</u> (mW/cm ²)	<u>Standard Limits</u> (mW/cm ²)	<u>% of Standard</u> (%)
875 (SNET Cell.)	.0691	2.92	2.366
875	.0334	2.92	1.144 *

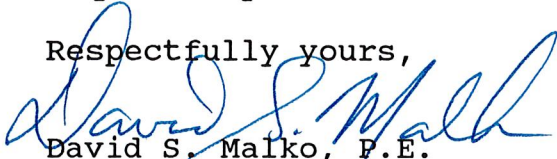
Site Total	.1025 mW/cm ²	N/A	3.510%

As the table shows, CONN-2's operation (*) would contribute 1.144% of the State exposure standard for the cellular frequency range, bringing the site total to 3.510% of the standard as calculated for this site.

For the foregoing reasons, CONN-2 respectfully submits that the planned addition of the Partnership's antennas and associated equipment to the existing facility constitutes an exempt modification under R.C.S.A. Section 16-50j-72(b). CONN-2 will secure building permits for the above mentioned activities subsequent to this filing, and prior to construction.

By copy of this letter, the First Selectman of the Town of Thompson is receiving written notice of this exempt modification to the Tele-Media Company of Northeast Connecticut facility, as required by R.C.S.A. Section 16-50j-73.

Respectfully yours,



David S. Malko, P.E.
 Manager of Engineering and Regulatory Services
 Metro Mobile CTS of the Northeast, Inc.,
 Manager for CONN-2
 RSA Partnership

Attachments

cc: Donald E. Williams, Jr., First Selectman, Town of Thompson

METRO MOBILE

The Cellular Phone Company

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

October 29, 1991

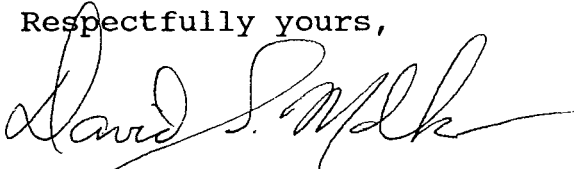
The Honorable Donald E. Williams, Jr.
First Selectman
Town Office Building
P.O. Box 899
815 Riverside Drive
North Grosvenor Dale, CT 06255

Dear Mr. Williams:

CONN-2 RSA Partnership plans to install cellular antennas and related equipment at an existing tower site owned by Tele-Media Company of Northeast Connecticut in Thompson, Connecticut. 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 October 29, 1991, as notice of intent of our exempt modification to an existing tower pursuant to R.C.S.A. Section 16-50j-72(b).

The attached letter fully sets forth CONN-2'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 269-8858, or Mr. Joel M. Rinebold, Executive Director, Connecticut Siting Council at 827-7682.

Respectfully yours,



David S. Malko, P.E.
Manager of Engineering and Regulatory Services
Metro Mobile CTS of the Northeast, Inc.,
Manager for CONN-2
RSA Partnership

Attachments



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

November 13, 1991

Mr. David S. Malko, P.E.
Manager, Engineering & Regulatory Services
Metro Mobile CTS of Northeast, Inc.
20 Alexander Drive
Wallingford, CT 06492

RE: CONN 2-RSA Partnership. Notice of Intent to modify an exempt telecommunications tower and equipment in Ashford, Connecticut.

CONN 2-RSA Partnership. Notice of Intent to modify an exempt telecommunications tower and equipment in Thompson, Connecticut.

CONN 2-RSA Partnership. notice of Intent to modify an exempt telecommunications tower and equipment in Windham, Connecticut.

Dear Mr. Malko:

Please be advised that Siting Council staff members will be conducting a field review of the existing tower sites located in Ashford, Thompson, and Windham, Connecticut, on Friday, November 15, 1991, to determine compliance with exempt modification requirements set forth in Regulations of Connecticut State Agencies section 16-50j-72 and section 16-50j-73. The presence of Metro Mobile personnel is not requested for these field reviews.

If there are any questions regarding this matter, please contact me at the Council's office.

Very truly yours,

Stanley J. Modzelesky
Stanley J. Modzelesky
Executive Assistant

SJM/TEF/bd

5639E