



Peter J. Tyrrell  
Senior Attorney

ORIGINAL

July 21, 1992

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CONNECTICUT  
SITING COUNCIL

Mortimer A. Gelston, Chairman  
Connecticut Siting Council  
136 Main Street, Suite 401  
New Britain, CT 06051

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by the Springwich Cellular Limited Partnership (SCLP), for the attachment of antennas to an existing SCLP tower for Bell Atlantic Metro Mobile (Metro Mobile). The tower is located on Taugwank Road in Stonington, Connecticut.

Please record my name as counsel for the Springwich Cellular Limited Partnership in this matter and in all correspondence from the Council.

Thank you for your cooperation.

Very truly yours,

A handwritten signature in blue ink that reads "Peter J. Tyrrell".

Attachments

cc: Honorable Peter N. Dibble, First Selectman,  
Town of Stonington, P. O. Box 352, Stonington, CT  
06378

Mr. Gary S. Schulman, Vice President and General  
Manager, Metro Mobile CTS of New London, Inc., 20  
Alexander Drive, Wallingford, CT 06492

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CONNECTICUT  
SITING COUNCILSTATE OF CONNECTICUT  
SITING COUNCILNOTICE OF INTENT TO MODIFY AN EXEMPT TOWER  
AND ASSOCIATED EQUIPMENT

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies, the Springwch Cellular Limited Partnership (SCLP), a company which provides cellular radio telecommunications service in the State of Connecticut, hereby notifies the Connecticut Siting Council (Council) that it intends to modify an existing telecommunications tower to add cellular antennas for Bell Atlantic Metro Mobile (Metro Mobile), as described herein. The site is located off Taugwank Road in Stonington, Connecticut.

The location will be shared with its current owner and operator, SCLP, and will be used by Metro Mobile as a cell site to provide cellular mobile telecommunications service in New London County within the New London NECMA. The proposed tower modification would contain both directional transmit and receive antennas. Metro Mobile plans to lease the existing storage unit located adjacent to that used by SCLP, for its radio equipment.

### BACKGROUND

On September 27, 1989 SCLP's predecessor filed an application with the Council for a cell site located off Taugwank Road in Stonington. This application was assigned Docket 121, and was ultimately approved on February 15, 1990. SCLP renovated a 20'x 40' unit of a multi tenant storage building for its equipment and constructed a 150' monopole tower at this location in compliance with the Council's Certificate of Environmental Compatability and Public Need.

As was evidenced during the SCLP/Metro Mobile hearings in Clinton, both companies have recently had a renewed desire and feeling of cooperation to jointly share sites obtained and certificated by one of the companies, resulting in the negotiated SCLP/Metro Mobile Clinton lease agreement. This has further encouraged both companies to revisit their associated business philosophies, resulting in an agreement for Metro Mobile to use SCLP's Stonington location, and the filing of this Exempt Modification request. SCLP hereby requests approval for Metro Mobile's use of SCLP's Stonington site.

### DISCUSSION

The SCLP tower is located off Taugwank Road in Stonington, Connecticut. The proposed antenna addition is needed to supply cellular service to the Stonington area by Metro Mobile.

The proposed antenna addition consists of nine (9) directional antennas. The antennas to be used will be mounted at 132 feet on custom made brackets, below the existing SCLP cellular antennas located on the 150 foot monopole telecommunications tower.

The owner's existing multi unit storage building is located on this site adjacent to the existing tower. Unit #12 is used by SCLP for its radio equipment. The adjacent 20 foot by 40 foot unit (#11) of the existing multi unit storage building will be used to house the radio equipment associated with Metro Mobile's antennas. As with other cellular installations, there will be no increase of noise associated with Metro Mobile's use of this cell site. The existing tower has eight (8) whiplike antennas and one (1) paging antenna mounted on a platform 154 feet above the ground, providing cellular and paging service by SCLP. The maximum power density of the cellular and paging facility is set forth below. It has been calculated in milliwatts per square centimeter.

<u>Location</u>	<u>Power Density<sup>a</sup></u>
Tower Base	0.446883
Fence	0.390736
Nearest Building <sup>b</sup>	0.015437

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 a The levels shown indicate the total power density in milliwatts per square centimeter from the SCLP cellular and paging antennas and the Metro Mobile cellular antennas measured simultaneously.

b The nearest building is the SCLP unit of the storage building.

This addition does not increase the total power density measured at the tower site boundary to or above 2.933 milliwatts per square centimeter.

In 1984, the Connecticut Legislature adopted the safety levels of the American National Standards Institute (ANSI) in CGS Section 22a-162. The current ANSI power density level standard for the cellular band for non-ionizing radiation is 2.933 milliwatts per square centimeter (see ANSI Standard C95.1-1982). In this case, the cellular power density figures are only 15.2 percent of the applicable standard.

#### CONCLUSION

The proposed addition does not constitute a modification of an existing facility as defined in Connecticut General Statutes Section 16-50i(d). This is because there is no change in the height of the tower. There will be no increase in the boundaries of the site. There will be no increase in noise levels at the cell site's boundary by 6 decibels or more. The total radio frequency electromagnetic radiation power density is below the State standard. This addition will not have a substantial adverse environmental effect pursuant to Connecticut General Statutes Section 16-50j-72(b)(2), and is in the best interest of the State. The Connecticut State Legislature has adopted legislation directing tower sharing whenever technically, legally, environmentally and economically feasible. Both SCLP and

Metro Mobile have made great effort to put aside their competitive differences in order to reach an agreement which would benefit each company without the need to construct a new tower, thus ultimately benefiting the State. SCLP requests that the Council acknowledge and recognize this cooperation, and assist and support the companies by acting favorably on this request.

For the reasons discussed above, SCLP requests that the Council acknowledge that the Notice of Modification meets the Council's exemption criteria, and that the changes and additions requested at this location are not so substantial so as to deny this request, and in fact are in the public interest. Therefore, the Council should issue the necessary approvals to permit the tower modifications as requested.

Very truly yours,



Peter J. Tyrrell



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

August 6, 1992

Peter J. Tyrrell, Esq.  
Senior Attorney  
Springwich Cellular Limited Partnership  
227 Church Street, Room 1021  
New Haven, CT 06506

RE: Springwich Cellular Limited Partnership notice of intent to allow Bell Atlantic Metro Mobile to install cellular telecommunications antennas and associated equipment on an existing facility site located on the north side of I-95, on Taugwank Spur, off Taugwank Road, Stonington, Connecticut.

Dear Attorney Tyrrell:

At a meeting held August 4, 1992, the Connecticut Siting Council acknowledged your notice of an exempt modification for an existing tower site on Taugwank Spur in Stonington, Connecticut.

As proposed in your notice dated July 21, 1992, the modification is in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72 for changes to an existing facility site that would not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total 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 acknowledge this first shared use of existing cellular towers by two cellular carriers which meets the Council's long-time goal and the public interest of sharing facilities to avoid the proliferation of additional tower structures.

Very truly yours,

A handwritten signature in cursive script that reads "Mortimer A. Gelston".

Mortimer A. Gelston  
Chairman

MAG/TEF/cp

cc: Peter Van Wilgan  
David S. Malko

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