



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

FILE COPY

January 13, 1994

Mr. Peter J. Tyrrell
Senior Attorney
Springwich Cellular Limited Partnership
227 Church Street
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership notice of intent to modify an existing telecommunications tower and associated equipment located off Hoffman Road in Canton, Connecticut.

Dear Attorney Tyrrell:

At a meeting held January 12, 1994, the Connecticut Siting Council (Council) acknowledged your notice of an exempt modification at an existing tower site located located off Hoffman Road in Canton, Connecticut, pursuant to section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modification is to be implemented as specified in your notice dated December 10, 1993. The modification is in compliance with the exception criteria in RSA section 16-50j-72(b) 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 6 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 Section 22a-162 of the Connecticut General Statutes.

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

Please notify the Council when all work is complete.

Very truly yours,



Mortimer A. Gelston
Chairman

MAG/fc

cc: First Selectwoman Kathleen C. Corkum, Town of Canton
Commissioner Daniel Roncaioli, Canton Police Department
7626E



Peter J. Tyrrell
Senior Attorney

December 10, 1993

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

RECEIVED
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CONNECTICUT
SITING COUNCIL

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), located off Hoffmann Road in Canton, Connecticut. The Town of Canton Police Department has previously attached an antenna and added a small radio equipment building for their use at this site, as described further herein.

SCLP at this time proposes an equipment upgrade which will accommodate additional radio channels and involve a change from omni-directional to directional antennas for improved interference control.

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".

Attachment

cc: Honorable Kathleen C. Corkum, First Selectwoman, Town of Canton, 4 Market Street, P.O. Box 168, Collinsville, CT 06022

Commissioner Daniel Roncaioli, Canton Police Department, Town Hall, 4 Market Street, P. O. Box 168, Collinsville, CT 06022

CANTON

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, the Springwch Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it previously modified an existing telecommunications facility by the addition of an antenna to an existing monopole tower and a small radio equipment building, for the Police Department of the Town of Canton. At the present time, SCLP intends to increase the channel capacity from 45 to 56 channels and change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on East Hill off Hoffmann Road in Canton, Connecticut.

BACKGROUND

On March 21, 1986, the Southern New England Telephone Company filed an application with the Connecticut Siting Council for a cellular site in Canton, Connecticut, consisting of a 150 foot monopole tower and associated equipment building. This application was assigned Docket 62 and was ultimately approved by the Council on August 4, 1986.

During the several public hearings held by the Council in Canton, SNET offered to make space available on its tower to the Town of Canton for a Police Department antenna, and space within its leased and fenced area for a small equipment building for the Police Department's radio equipment.

The tower was constructed in the late fall of that year, and the police requested that their antenna be added at that time. This construction work and the addition of the Town's antenna happened to take place during an extended work stoppage at SNET. Management personnel from the cellular operation assisted non-union tower contractors in installing the police antenna at the time the tower was raised.

Because virtually all management cellular personnel were handling various service affecting jobs in the field, a number of internal work items did not get completed. Unfortunately, the filing of an Exempt Modification for the addition of the Canton Police Department was one of them.

DISCUSSION

SCLP has attached one 15 foot tall antenna at approximately the 117 foot level of the tower, below the existing cellular antenna platform. This antenna provides additional coverage for the Canton Police Department in the north Canton area. In addition, the Canton Police Department placed its own small radio equipment building within the fenced area near the base of the tower.

The additional antenna does not increase the overall height of the existing tower.

The power densities for the three frequency bands are set forth below. The levels shown indicate the total power density in milliwatts per square centimeter, and have been calculated at a distance of 25 feet from the base of the tower.

<u>Service</u>	<u>Existing Power Density</u>	<u>Increase</u>	<u>Total</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Police	0.0000	0.0098	0.0098	0.302	3.25
Cellular	0.0966	0.0360	0.1326	0.587	22.59
Paging	0.0215	0.0000	0.0215	0.621	3.46

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation are shown above. The levels demonstrated in this case are well below the standard levels.

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 tower's height. There is no extension of the boundaries of the site. There will be no increase in noise levels at the site's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. The addition of the Police antenna has not had a substantially adverse environmental effect.

For the reasons discussed above, SCLP requests that the Council acknowledge that this Notice of Exempt Modification meets the Council's exemption criteria.

SCLP apologizes to the Council for its oversight in the filing of this Notice of Exempt Modification.