



Peter J. Tyrrell
Senior Attorney

June 24, 1994

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

CONNECTICUT
SITING COUNCIL

Dear Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities owned and operated by the State of Connecticut at the University of Connecticut Health Center located at Farmington Avenue in Farmington. The Springwich Cellular Limited Partnership (SCLP) proposes to replace the existing roof mounted eighty (80) foot guyed tower with a new guyed tower of the same height, add antennas to the new tower and construct a small cellular equipment room on the top floor (penthouse level) of the building.

The attached page details the required information. As is shown in the attachment, the proposed addition meets all the necessary criteria established in the Regulations of Connecticut State Agencies Section 16-50j-72(b) (2), and is thus an exempt facility pursuant to Section 16-50j-73.

Please record me as counsel for SCLP 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". The signature is written in a cursive, flowing style.

copy to: Mr. Thomas J. Wontorek, Farmington Town Manager
Mr. Charles Fink, UConn Health Center
Mr. Robert Capitanio, UConn Health Center

Farmington

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, Springwiche Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by replacing the existing eighty (80) foot guyed tower and replacing Springwiche's cellular enhancer equipment with a complete cell site installation. The site is located at 263 Farmington Avenue, Farmington, Connecticut on the grounds of the University of Connecticut Health Center.

Discussion

At present, five (5) antennas are mounted on the existing tower: three (3) antennas are owned/used by the Health Center, two (2) are owned/used by Springwiche as part of a cellular enhancer installation completed in 1993. Springwiche proposes to replace its antennas with nine (9) directional antennas installed at the eighty (80) foot level. The Health Center's antennas will remain at their currently installed elevations. In order to accommodate the additional antenna load and to provide capacity for future Health Center uses, the existing tower will be dismantled and replaced with a new, stronger, eighty (80) foot guyed lattice tower (see the attached tower print). Springwiche's radio equipment will be installed within a small room constructed on the Penthouse level of the hospital building.

The power density calculations are shown below. The levels indicate the total power density in milliwatts per square centimeter.

Service	Site location (AMSL)	Antenna Height on Tower	Power Density On Rooftop 43 feet from tower Base				
			Existing	Increase	Total	ANSI/Conn. Standard	Percent of Standard
SCLP	556.5	80	0.0	0.002588	0.002588	0.5867	0.44
UHC-Page	556.5	30	0.003066	0.0	0.003066	0.3023	1.01
UHC-Old	556.5	83	0.027330	0.0	0.027330	0.3074	8.89
UHC-New	556.5	70	0.008326	0.0	0.008326	0.3091	2.69

*43 feet is the point nearest in the tertiary lobe.

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 0.5867 milliwatts/cm². The level demonstrated in this case is well below the standard, as are the levels for the Health Center's equipment.

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 facility'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. This addition will not have a substantially adverse environmental effect.

For the reasons discussed above, Springwiche Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's Exemption criteria.