

ORIGINAL

Springwich Cellular Limited Partnership  
227 Church Street  
New Haven, Connecticut 06510  
Phone (203) 771-7381



Peter J. Tyrrell  
Senior Attorney

June 18, 1993

RECEIVED  
JUN 18 1993

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

CONNECTICUT  
SITING COUNCIL

Dear Honorable Chairman Gelston:

Enclosed, please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities operated by The University of Connecticut Health Center, located at 263 Farmington Street in Farmington, Connecticut. Springwich Cellular Limited Partnership (SCLP) proposes to add antennas to this site to be used in providing cellular telecommunications.

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.

Thank you for your cooperation.

Sincerely,

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

Attachment

cc: Mr. Thomas J. Wontorek, Town Manager, Town of Farmington  
Mr. Robert Clawson, Assistant Vice President, 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, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by adding cellular service antennas to an existing 80 foot communications tower located atop a 10 story building and installing an equipment cabinet on the penthouse level of the building. The site is located at 263 Farmington Avenue, Farmington, Connecticut, at the University of Connecticut Health Center.

### DISCUSSION

The State currently operates three antennas on the Health Center Tower. The proposed additional antennas will not increase the overall height of the existing telecommunications tower. (See attached building and tower profile).

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

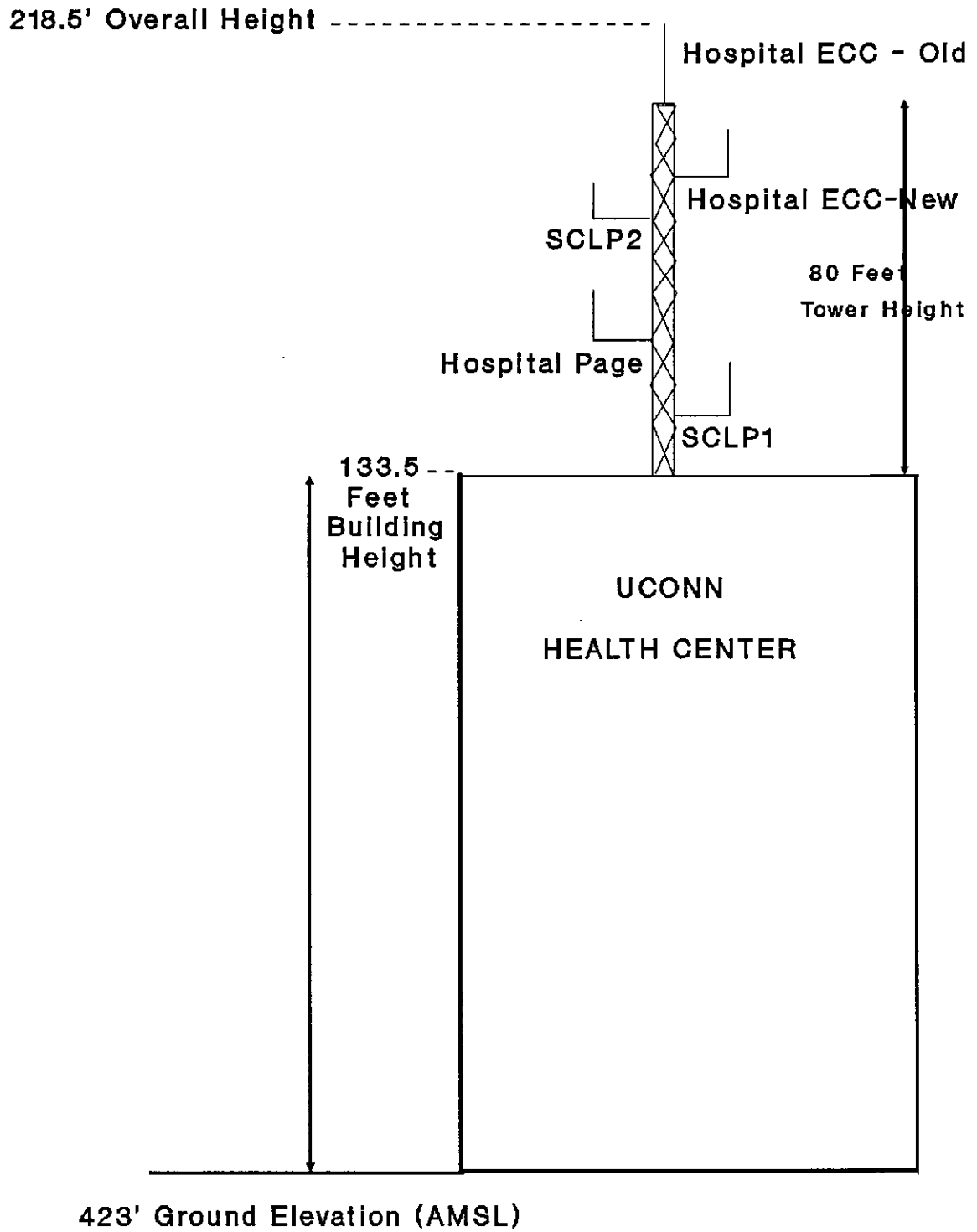
Service	Location Height AMSL Ft.	Distance To Antenna Centerline Feet	Power Density On Rooftop at Tower Base in mW/cm <sup>2</sup>				
			Existing	Increase	Total	Connecticut Standard	Percent Of Standard
SCLP-1	556.5	20	0.0	0.175596	0.175596	2.933	5.99
SCLP-2	556.5	60	0.0	0.019667	0.019667	2.933	0.67
Hosp Page	556.5	30	0.009365	0.0	0.009365	1.511	0.62
Hosp-New	556.5	70	0.011467	0.0	0.011467	1.545	0.74
Hosp-Old	556.5	83	0.034665	0.0	0.034665	1.537	2.26

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm<sup>2</sup>, respectively. The level demonstrated in this case is well below the standard level.

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, Springwich Cellular Limited Partnership requests the Council to acknowledge that the Notice of Modification meets the Council's exemption criteria.

# PROPOSED FARMINGTON FACILITY BUILDING AND TOWER PROFILE



Note: Not To Scale