

# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

FILE  
COPY

December 16, 1993

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 owned by the Southern New England Telephone Company at 125 South Main Street in West Hartford, Connecticut.

Dear Attorney Tyrrell:

At a meeting held December 15, 1993, the Connecticut Siting Council (Council) acknowledged your notice of an exempt modification of an existing tower site at 125 Main Street, West Hartford, 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 November 9, 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 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/SMH/ss

cc: Honorable Sandy F. Klebanoff, President and Mayor, West  
Hartford Town Council  
Honorable Barry M. Feldman, West Hartford Town Manager

7508E-3

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



Peter J. Tyrrell  
Senior Attorney

November 9, 1993

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

RECEIVED  
NOV 9 1993

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 Southern New England Telephone Company (SNET) located at 125 South Main Street in West Hartford, Connecticut. The Springwich Cellular Limited Partnership (SCLP) proposes to add antennas to an existing monopole tower and a small prefab equipment building to be used in providing cellular telecommunications services.

The attached pages detail 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 cursive script that reads "Peter J. Tyrrell".

copy to: Honorable Sandy F. Klebanoff, President and Mayor,  
West Hartford Town Council

Honorable Barry M. Feldman, West Hartford Town  
Manager

James A. Van Der Beek, Southern New England  
Telephone

## WEST HARTFORD

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 intends to modify an existing telecommunications facility by adding cellular service antennas to an existing monopole tower and a prefab equipment building for the associated radio equipment. The site is located at 125 South Main Street in West Hartford, Connecticut.

### BACKGROUND

The proposed location is at the SNET West Hartford Central Office site. This 35 foot tall two story building location contains equipment required to provide local telephone exchange service to the residents of West Hartford. In addition, employees associated with the local Residence Service Center and SNET's new Video On Demand equipment and personnel are also located in the building.

Adjacent to the building is an existing 100 foot monopole tower with a 15 foot whip style antenna on top. This structure was constructed in approximately 1971 and predates the Siting Council's tower list. This facility provides internal company vehicle to vehicle communications within the greater West Hartford area.

### DISCUSSION

SCLP proposes to add two 4 foot tall cellular directional antennas below the existing antenna in order to supplement its cellular coverage in the downtown West Hartford area and along nearby Route I-84. The proposed additional antennas will not increase the overall height of the existing tower nor will they be very visible from ground level, as can be seen on the attached tower profile.

The cellular equipment required to operate these antennas will be contained within a 12 foot x 26 foot prefab equipment building, which we propose to place at the rear of the Central Office building as shown on the attached site plan sketch. The cellular equipment building to be used is the same size and style as has been used at most of our recently constructed cell sites, and will be mostly hidden from view of the general public by the existing building.

The power density in the mobile and cellular frequency bands is 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>Power Density</u>	<u>Connecticut Standard</u>	<u>Percent of Standard</u>
Mobile Radio	0.0046	0.2000	2.30
Cellular	0.3198	0.5867	54.51

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

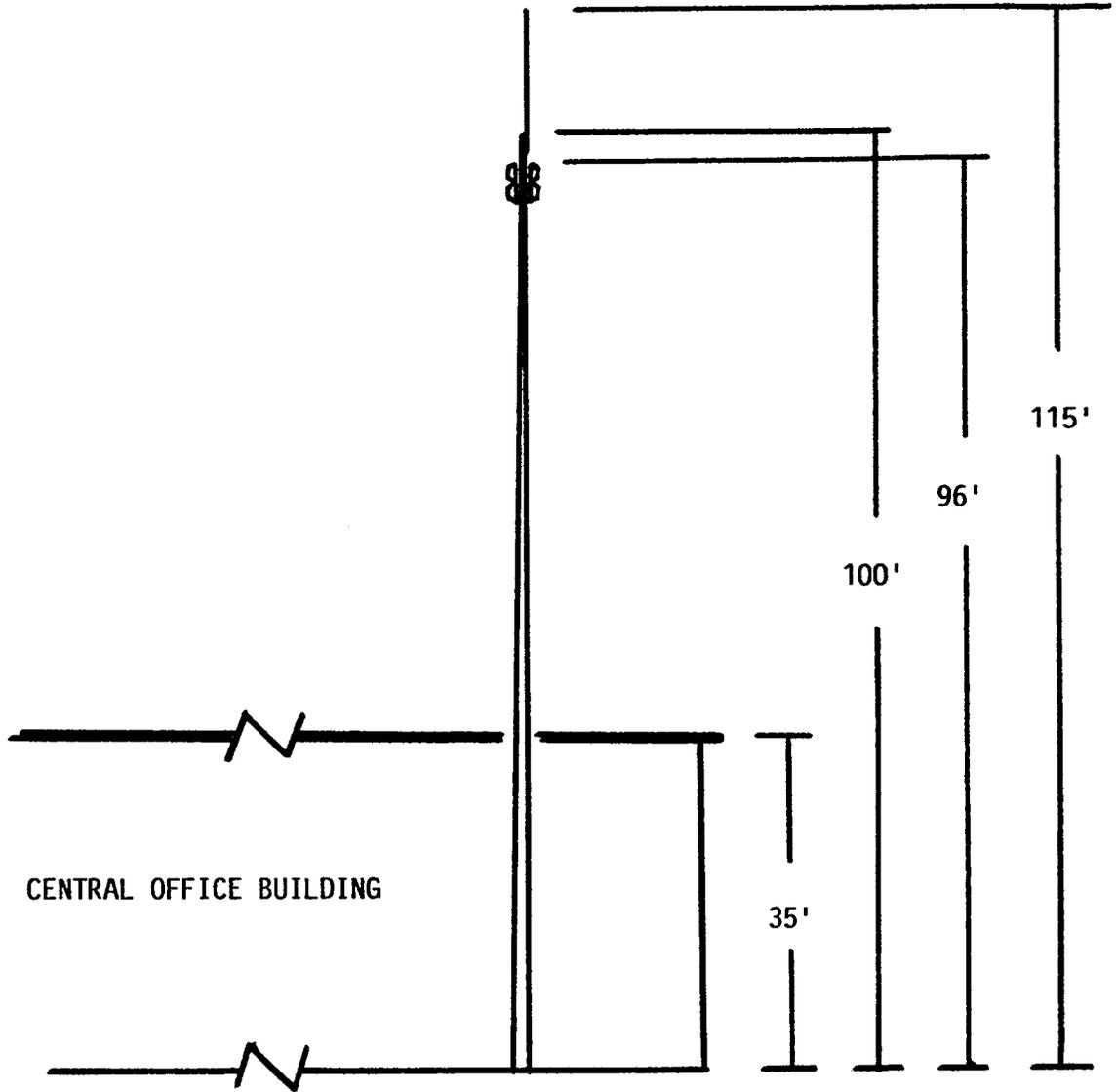
The proposed addition does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the site. There will be no increase in noise levels at 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. This addition will not have a substantially adverse environmental effect.

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

SOUTHERN NEW ENGLAND TELEPHONE

WEST HARTFORD CENTRAL OFFICE

125 SOUTH MAIN STREET



CENTRAL OFFICE BUILDING

- BUILDING HEIGHT 35'
- MONOPOLE PLUS EXISTING ANTENNA 115'
- MONOPOLE STRUCTURE 100'
- CELLULAR ANTENNAS 96'

SEDGWICK ROAD

PROPOSED BUILDING LOCATION

100' MONOPOLE WITH  
15' WHIP ANTENNA

PARKING  
AREA

CENTRAL  
OFFICE

SOUTH MAIN STREET



north

bldg.: HARVARD WEST #2 L.O.

address: 125 SOUTH MAIN STREET

floor: PLOT

SNET Buildings And Real Estate

assigned area: \_\_\_\_\_

gross area: \_\_\_\_\_

rentable area: \_\_\_\_\_

scale: \_\_\_\_\_

issued: 5-22-62

revised: \_\_\_\_\_

eng'r: PH

2-5211