

430 JOHN STREET

SNET Cellular, Inc.
555 Long Wharf Drive
Room 751
New Haven, Connecticut 06511
Phone (203) 553-7601



Donald R. Chapman
Vice President-Operations

June 22, 1990

RECEIVED
JUN 25 1990

CONNECTICUT
SITING COUNCIL

Honorable Gloria Dibble Pond, Chairperson
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, Connecticut 06051

Re: Notice pursuant to Regulations of State Agencies 16-50j-73
intent to modify an exempt telecommunications tower and
associated equipment owned by The Southern New England
Telephone Company in the city of Bridgeport, Connecticut.

Dear Chairperson Pond:

As requested in your letter of acknowledgement dated May 1, we are
pleased to notify the Council of completion of construction at this
facility.

Very truly yours,

A handwritten signature in blue ink that reads "Donald R. Chapman".



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

May 1, 1990

Gloria Dibble Pond
Chairperson

COMMISSIONERS

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Executive Director

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Executive Assistant

Peter J. Tyrrell, Esq.
SNET Cellular, Inc.
227 Church Street
New Haven, CT 06510

RE: Springwich Cellular Limited Partnership Notice of Intent to Modify An Exempt Tower and Associated Equipment Owned by The Southern New England Telephone Company in the City of Bridgeport, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on April 30, 1990, the Connecticut Siting Council acknowledged Springwich Cellular Limited Partnership notice of intent to modify an exempt tower site and associated equipment owned by Southern New England Telephone Company located in Bridgeport, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

The proposed modifications are to be implemented as specified in you notices dated April 16 and 20, 1990. As proposed, the modifications are in compliance with the exception criteria specified in RSA 16-50j-72 as changes to an existing facility site that do not increase the tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary 6 decibels, and add radio frequency sending or receiving capability which increases 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 by avoiding proliferation of additional tower structures.

Please notify the Council upon completion of construction.

Very truly yours,

Gloria Dibble Pond

Gloria Dibble Pond
Chairperson

GDP:JMR:bw

SNET Cellular, Inc.
555 Long Wharf Drive
Room 751
New Haven, Connecticut 06511
Phone (203) 553-7601



Donald R. Chapman
Vice President-Operations

April 20, 1990

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APR 20 1990

CONNECTICUT
SITING COUNCIL

Gloria Dibble Pond, Chairperson
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, Connecticut 06051

Dear Chairperson Pond:

The following supplemental information, requested by the Council's staff, is provided to support the four Notices of Exempt Modifications submitted on April 18, 1990.

- Brooklyn - Three full size copies of the proposed site plan.
 - Original and twenty copies of the proposed tower profile.
 - On Wednesday evening, April 18, 1990, the Brooklyn Planning and Zoning Commission unanimously approved the site plan submitted herewith for the addition of our equipment building. No resident spoke in opposition of our proposal. This information can be confirmed by Ms. Karen Johnson, Town Planner, on 779-3411. Application for a building permit will be made upon receipt of the zoning decision notice.

- Thompson - Three full size copies of the proposed site plan.
 - Original and twenty copies (reduced) of the site plan.
 - Original and twenty copies of the building permit dated December 5, 1989 for our equipment building.

- Ashford - Three full size copies of the proposed site plan.
 - Original and twenty copies (reduced) of the site plan.
 - Original and twenty copies of the building permit dated December 6, 1989 for our equipment building.

Bridgeport - The SNET building at 430 John Street, Bridgeport, has been an existing radio/tower location since 1966. It is both a Federal Aviation Administration (FAA) and Federal Communications Commission (FCC) approved and recognized tower structure. Located on the roof of the building is a 40' self supporting tower which currently has two microwave horn and one 12' microwave dish antennas mounted at the top.

This tower was originally designed as a repeater location to accommodate two antennas, plus a small amount of spare capacity. In approximately 1982, the third antenna was added to the structure, bringing the tower to its maximum loading capacity. A complete rebuilding of the entire tower structure (and possible interruption of the existing heavily used SNET microwave services at this location) would be required to permit SNET Cellular the ability to add any additional load to the tower.

Were the tower strong enough to support the cellular antennas, they would have to be located below the existing microwave antennas, and the southeast and southwest antenna signals would be blocked by the wall of the existing penthouse.

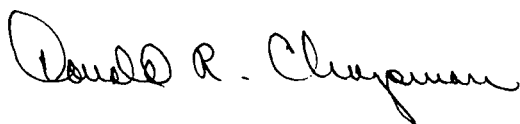
The penthouse roof, which is 7' below the top of the tower, is the proposed location of the cellular antennas. This location provides a clear signal path in the southern direction. The northern direction would not be obstructed by the tower because of the antennas' relative positions on the roof, the azimuth of the antennas and as the tower is a lattice style structure, it will not markedly obstruct the cellular signals.

The cellular antennas would be supported on 4" pipes mounted to the inside surface of the penthouse walls. The mounts would extend approximately 4' above the wall, and the overall height of the mounts plus antennas would not extend above the existing tower.

A profile sketch of the roof, tower, penthouse and cellular antennas is attached to this letter.

Also enclosed are five copies of the revised site plan portion of the Docket 124, Lisbon, D&M plan, showing the grading slope from the roadway to be 2:1 in accordance with the Connecticut Guidelines for Erosion and Sediment Control, as required in the Council's Staff Report dated April 9, 1990 and approval letter dated April 10, 1990.

Sincerely,



Southern New England Telephone
227 Church Street
New Haven, Connecticut 06510
Phone (203) 771-7381



Peter J. Tyrrell
Senior Attorney

April 16, 1990

Gloria Dibble Pond, Chairperson
Connecticut Siting Council
136 Main Street, Suite 401
New Britain, CT 06051

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APR 18 1990

CONNECTICUT
SITING COUNCIL

Dear Honorable Chairperson Pond:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by the Southern New England Telephone Company located in Bridgeport, Connecticut by Springwiche Cellular Limited Partnership (the Partnership). Twenty (20) copies are included.

Please record my name as counsel for SNET Cellular, Inc., General Partner of the Partnership in the matter and in correspondence from the Council. Thank you for your kind cooperation.

Very truly yours,

A handwritten signature in cursive script that reads "Peter J. Tyrrell".

Enclosures

cc: Honorable Mary C. Moran, Mayor
Town of Bridgeport

ORIGINAL

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APR 18 1990

CONNECTICUT
SITING COUNCIL

STATE OF CONNECTICUT
SITING COUNCIL

NOTICE 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, Springwich Cellular Limited Partnership (the Partnership), a company which provides cellular radio telecommunications service in the State of Connecticut, hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications tower. The site is located at 430 John Street, Bridgeport, Connecticut. The location will be leased in part from its current owner and operator, The Southern New England Telephone Company (Owner), and will be used in part as a cell site to provide cellular mobile telecommunications and message alert services in Fairfield County. The proposed modification would contain both transmit and receive antennas.

DISCUSSION

The building is located on the Owner's Land on John Street in Bridgeport. The proposed addition is needed to supply additional channel capacity and improved transmission for cellular service to the Bridgeport area by the partnership. This cell site has been designed to properly interface with the adjacent cell sites in northern Bridgeport, Milford, Norwalk, Westport and Shelton.

The proposed antenna addition consists of up to twelve (12) cellular and one (1) message service alert antennas. The antennas to be used will be mounted the top of the building not exceeding the height of the existing 40 foot self-supporting roof-top telecommunications tower. From the ground the antennas will appear smaller and be difficult to see. The existing tower has one microwave parabolic antenna and two horn antennas used to provide telecommunications from Bridgeport to Norwalk and Shelton, Connecticut. The maximum power densities of the combined cellular, message alert and microwave facilities is set forth below. It has been calculated in milliwatts per square centimeter.

<u>Location</u>	<u>Existing Power Density</u>	<u>Proposed Power Density</u> ^a
Base of Building	0.000011 mw/sqcm	0.59616 mw/sqcm
Sidewalk	0.000014 mw/sqcm	0.07167 mw/sqcm

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

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 service band) for non-ionizing radiation is 2.933 milliwatts/sqcm (See ANSI Standard C95.1-1982). In this case, the combined cellular and microwave power density figures are four times less than the applicable standard and will not increase the power density to or above CGS 22-16(2).

a The levels shown indicated the total power density in milliwatts per sq. cm. from all cellular and message alert antennas measured simultaneously.

The proposed addition does not constitute a "Modification" of an existing facility and does not change the site's boundary, as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the structure's height. There will be no increase in noise levels at the tower's boundary by six decibels or more. The total radio electromagnetic radiation power density is below the State standard. This addition will not have a substantially adverse environmental effect pursuant to Connecticut General Statutes, Section 16-50J-72(b)(2). For the reasons discussed above, the Partnership requests the Council to acknowledge that the Notice of modification meets the Council's exemption criteria.

Sincerely,

A handwritten signature in cursive script that reads "Peter J. Tyrrell". The signature is written in black ink and is positioned above the printed name.

Peter J. Tyrrell