



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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

Gloria Dibble Pond  
CHAIRPERSON

June 10, 1988

COMMISSIONERS  
Peter Boucher  
Leslie Carothers

Peter J. Tyrrell, Esq.  
Senior Attorney  
SNET Cellular, Inc.  
227 Church Street  
New Haven, CT 06506

Daniel P. Lynch, Jr.  
Mortimer A. Gelston  
James G. Horsfall  
William H. Smith  
Colin C. Tait

RE: SNET Cellular, Inc. - Notice Pursuant to Regulations of State Agencies 16-50j-73 of Intent to Modify an Existing Telecommunications Tower in the City of Hartford, Connecticut.

Joel M. Rinebold  
Executive Director

Stanley J. Modzelesky  
Executive Assistant

Dear Mr. Tyrrell:

At a meeting held on June 9, 1988, the Connecticut Siting Council acknowledged your notice of intent to modify the existing telecommunications tower located at 55 Trumbull Street, Hartford, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

As proposed in your notice dated June 1, 1988, the modification is in compliance with the exception criteria for changes to an existing facility site that do not extend the boundaries of the fenced or otherwise enclosed areas of the tower site, increase noise levels at the tower site boundary by 6 decibels or more, or increase the total radio frequency electromagnetic radiation at the site boundary by more than .1 milliwatt/cm<sup>2</sup>, pursuant to RSA 16-50j-72.

The Council is pleased to note that the shared use of an existing tower meets the Council's long-time goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

Gloria Dibble Pond  
Chairperson

GDP:lh

227 Church Street  
New Haven, Connecticut 06506  
Phone (203) 771-7381

**Peter J. Tyrrell**  
Senior Attorney



June 1, 1988

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CONNECTICUT  
SITING COUNCIL

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

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 Hartford, Connecticut by SNET Cellular, Inc. Fifteen (15) copies are included.

Please record my name as counsel for the SNET Cellular, Inc. and The Southern New England Telephone Company in this 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

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, SNET Cellular, Inc. (SCI) 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 facility. The site is located at 55 Trumbull St., Hartford, 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 service in Hartford County. The proposed modification would contain both transmit and receive antennas located as shown on the attached building profile.

DISCUSSION

The Hartford building location has been in continuous use by the Owner as a telecommunications tower location for twenty two (22) years. The building is located on the Owner's Land on Trumbull St. in Hartford. The proposed addition is needed to supply additional channel capacity and improved transmission for cellular service to the Hartford area by SNET Cellular. This cell site has been designed to properly interface with the adjacent cell sites in Berlin, Hartford and East Hartford.

The proposed antenna addition consists of up to six (6) antennas. The antennas to be used will be mounted on brackets near the top of the building. From ground level they will appear smaller and will be very difficult to see. There presently exists on said Building two (2) ten foot parabolic, one (1) five foot parabolic, one (1) 6 foot parabolic and two (2) KS 15676 horn antennas. This building supports two (2) mobile antennas.

The maximum power density of the cellular facility addition is set forth below. It has been calculated in milliwatts per square centimeter.<sup>a</sup>

<u>Location</u>	<u>Power Density</u>
Base of Building	0.0559
Sidewalk	0.0498

This addition does not increase the total power density measured at the tower site boundary to or above .1 milliwatts/cm<sup>2</sup>.

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/cm<sup>2</sup> (See ANSI Standard C95.1-1982). In this case the cellular power density figures are fifteen times less than the applicable standard.

The proposed addition does not constitute a "modification" of an existing facility as that term is defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no significant

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

change or alteration in the general physical characteristics of the tower. The additional antennas do not change materially the nature or appearance of the facility. This addition will not have a substantially adverse environmental effect and it will not extend the boundaries of the fenced or otherwise enclosed areas of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more.

For all the above reasons SNET Cellular, Inc. 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