



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

September 16, 1988

Gloria Dibble Pond
CHAIRPERSON

COMMISSIONERS

Peter Boucher
Leslie Carothers

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

Paulann H. Sheets
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 Exempt Tower and Associated Equipment owned by American Telephone & Telegraph Company located in Cheshire, Connecticut.

Joel M. Rinebold
Executive Director

Dear Mr. Tyrrell:


Stanley J. Modzelesky
Executive Assistant

At a meeting held on September 13, 1988, the Connecticut Siting Council acknowledged your notice of intent to modify an exempt tower and associated equipment owned by American Telephone & Telegraph Company located in Cheshire, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

As proposed in your notice dated September 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 of 6 decibels or more, or increase the total radio frequency electromagnetic radiation at the site boundary by more than .1 milliwatt/cm², 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

2020E

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



Peter J. Tyrrell
Senior Attorney

September 1, 1988

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

RECEIVED
SEP 1 1988
CONNECTICUT
SITING COUNCIL

Dear Honorable Chairperson Pond:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by American Telephone & Telegraph Company located in Cheshire, Connecticut by SNET Cellular, Inc. Fifteen (15) copies are included.

Please record my name as counsel for the SNET Cellular, Inc. 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. (SNET) 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 751 Higgins Rd., Cheshire, Connecticut.

The location will be leased in part from its current owner and operator, American Telephone & Telegraph Company (Owner), and will be used in part as a cell site to provide cellular mobile telecommunications service in New Haven County (see attached Letter of Intent). The proposed modification would contain both transmit and receive antennas.

DISCUSSION

The Cheshire tower location has been in continuous use by the Owner as a telecommunications tower for twenty two (22) years. This 269 foot tower is located on the Owner's Land on Higgins Road in Cheshire. The proposed addition is needed to supply additional channel capacity and improved transmission for cellular service to the Cheshire area by SNET Cellular. This cell site has been designed to properly interface with the adjacent cell sites in Waterbury, Southington, North Haven, and Woodbridge.

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 tower. From ground level they will appear smaller and will be very difficult to see. There presently exists on said tower two (2) KS15656 type horn antennas. This tower also supports one (1) mobile antenna.

The maximum power density of the cellular facility is set forth below. It has been calculated in milliwatts per square centimeter.^a

<u>Location</u>	<u>Power Density</u>
Tower Base	0.0427
Fence	0.0426
Nearest Building ^b	0.0424

This addition does not increase the total power density measured at the tower site boundary to or above .1 milliwatts/cm².

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/cm² (See ANSI Standard C95.1-1982). In this case the cellular power density figures are nearly seventy 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

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

b The nearest building is the Owner's Microwave Building.

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 will not extend the boundaries of the fenced or otherwise enclosed areas of the tower site as space within the existing equipment building will be utilized. 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".

Peter J. Tyrrell

Attachment



Helmut F. Lutz
Manager - Real Estate

Room 700C
440 Hamilton Avenue
White Plains, NY 10601
(914) 397-6060

August 25, 1988

Donald R. Chapman
Vice President - Operations
SNET Cellular, Inc.
555 Long Wharf Drive - Room 751
New Haven, Connecticut 06511

Dear Mr. Chapman:

In response to your letter of May 9, 1988 requesting the lease of equipment and tower space at American Telephone and Telegraph Company's microwave facility in Cheshire, Connecticut, I am pleased to inform you that your request was approved on August 12, 1988.

I understand your immediate need to proceed with obtaining the necessary regulatory approvals from the Connecticut Siting Council and the Federal Communications Commission. Toward that end, please consider this a "letter of intent" to enter into a lease agreement for equipment and tower space at our Cheshire microwave installation. As discussed, SNET Cellular, Inc. will act as our representative in and be responsible for obtaining those necessary regulatory approvals.

I look forward to working with you in finalizing the lease agreement.

Yours very truly,

A handwritten signature in cursive script that reads "Helmut F. Lutz".