

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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

Gloria Dibble Pond
CHAIRPERSON

COMMISSIONERS
Peter Boucher
Leslie Carothers

April 25, 1988

Fred J. Doocy
Mortimer A. Gelston
James G. Horsfall
William H. Smith
Colin C. Tait

Mr. Peter J. Tyrrell
Senior Attorney
SNET Cellular, Inc.
227 Church Street
Room 1021
New Haven, CT 06506

Joel M. Rinebold
Executive Director

RE: Notice of Intent to Modify an Exempt Tower and
Associated Equipment by SNET in Norwalk, Connecticut.

Stanley J. Modzelesky
Executive Assistant

Dear Mr. Tyrrell:

At a meeting held on April 19, 1988, the Connecticut Siting Council acknowledged your Notice of Intent to Modify an Exempt Tower and Associated Equipment owned by the Southern New England Telephone Company located in Norwalk, Connecticut, pursuant to Section 16-50j-73 of the Regulations of State Agencies (RSA).

Your notice is in compliance with the exception criteria for changes to an existing facility site, pursuant to RSA 16-50j-72.

Very truly yours,

Gloria Dibble Pond
Chairperson

GDP/JMR/cp

1349E

RECEIVED

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

MAR 25 1988

CONNECTICUT
SITING COUNCIL

Peter J. Tyrrell
Senior Attorney



March 24, 1988

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 Norwalk, 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 blue ink 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 Willard Road, Norwalk, 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 Fairfield County. The proposed modification would contain both transmit and receive antennas located as shown on the attached tower profile.

DISCUSSION

The Norwalk tower has been in continuous use by the Owner as a telecommunications tower for twenty (20) years. The tower is located on the Owner's Garage on Willard Road in Norwalk. The proposed addition is needed to supply additional channel capacity and improved transmission for cellular service to the Norwalk/Westport area by SNET Cellular. This cell site has been designed to properly interface with the adjacent cell sites in

Westport and Norwalk and has been frequency coordinated with the NYNEX cellular system.

The proposed antenna addition consists of up to six (6) antennas (see sketch). 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 fourteen (14) foot horn reflectors and two twelve (12) dishes.

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	0.0103
Fence	0.0103
Nearest Building ^b	0.00921

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 more than two hundred times lower than the applicable standard.

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

b The nearest building is the SNET garage.

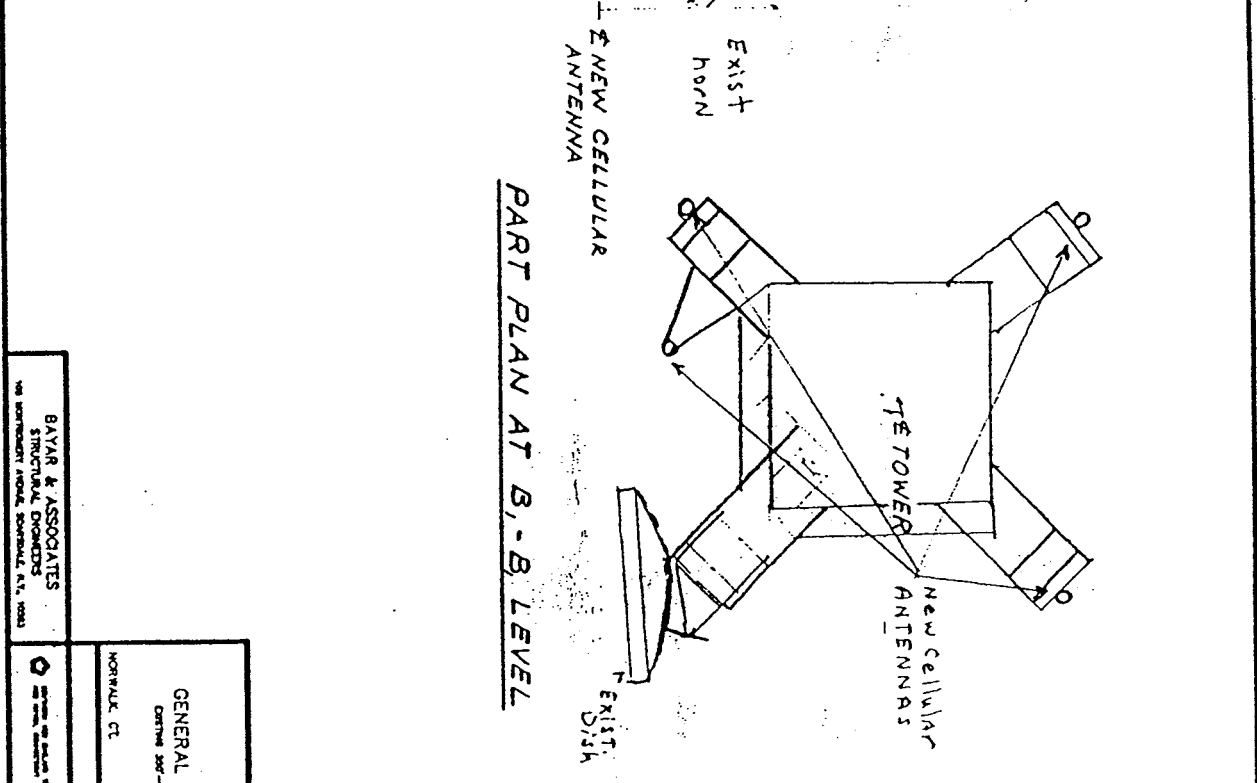
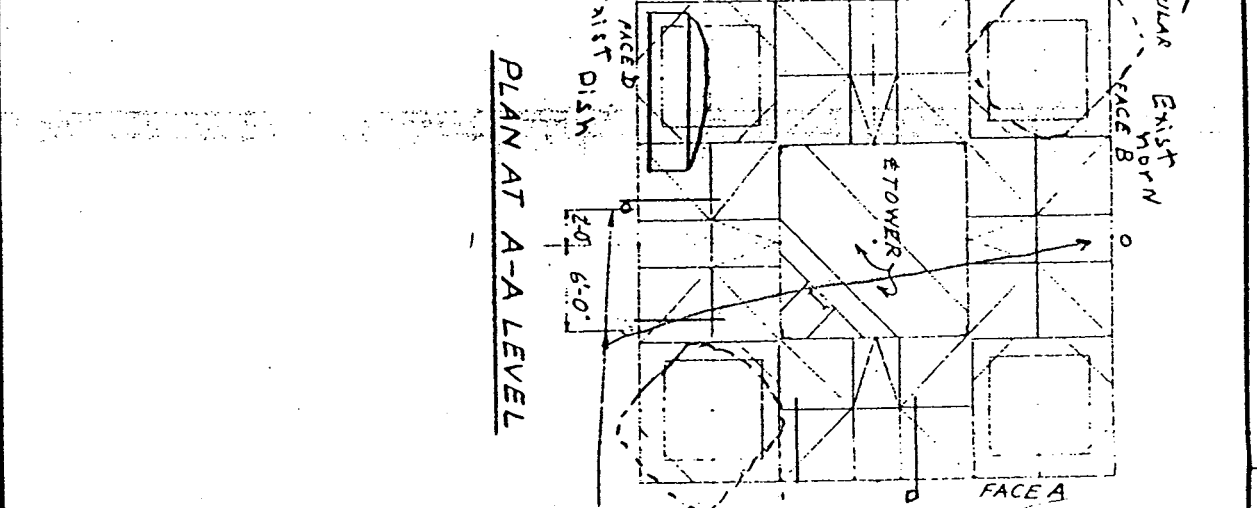
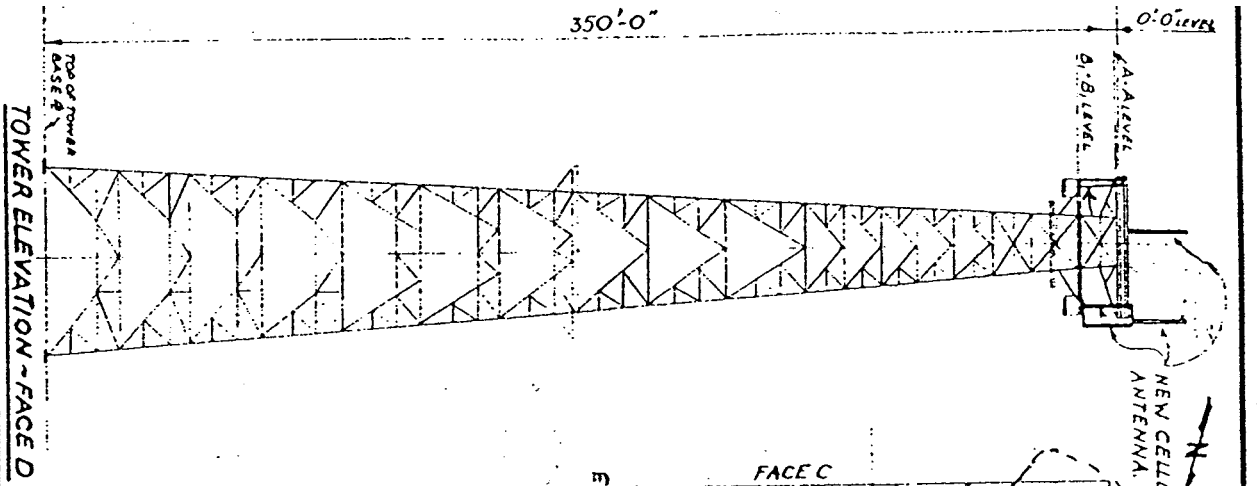
The proposed addition does not constitute a "modification" of an existing facility as that term is defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no significant change or alteration in the general physical characteristics of the tower. The additional antennas do not change materially the nature or appearance of the facility. This addition will not have a substantially adverse environmental effect. (CGS Section 16-50k.) As shown by the attached sketch, there will be no changes on the existing tower site that extend the boundaries of the fence or the 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,



Peter J. Tyrrell



<p>ISSUE</p> <p>DATE</p> <p>DESCRIPTION</p> <p>NO.</p>	
<p>GENERAL ARRANGEMENT</p> <p>CONTRACT NO. OF STEEL BRIDGE TYPE 1</p> <p>NORWALK CT</p>	
<p>BAYAR & ASSOCIATES</p> <p>STRUCTURAL ENGINEERS</p> <p>100 NORTHBURY AVENUE, NORWALK, C.T. 06853</p>	<p>SX - 178</p>